

PROPOSED DEVELOPMENT
LAND AT COMAG , TAVISTOCK ROAD, WEST DRAYTON

Landscape Management Plan

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APPENDIX 1: LANDSCAPE MAINTENANCE SCHEDULE – YEAR 1 (Period between practical completion and the end of rectification period)

APPENDIX 2: LANDSCAPE MAINTENANCE SCHEDULE – ONGOING (Period following completion of Contractor's 12 months maintenance / rectification period)

1. INTRODUCTION

- 1.1. The following guidance has been produced for the aftercare and ongoing maintenance of the landscape planting to the proposed development at **Comag , Tavistock Road, West Drayton**.The purpose of this report is to;
 - a) Support the planning application and set out the client's intent for long term management of the proposed landscaping;
 - b) act as a briefing document to the estate managing agents.
- 1.2. It has been compiled by Aspect Landscape Planning Ltd for Bellway Homes, in conjunction with the ecologists, arboriculturist, and other team members. The document should be read alongside other related documents and information produced by the consultant ecologist's and arboriculturalist's. The proposed landscaping is illustrated on Plan 7943.: Planting Plan.
- 1.3. The programme of implementation of all landscape areas shall be undertaken in accordance with the site construction management plan and programme, with all landscaping for each development phase being undertaken during the first available planting season immediately following the completion of the specific phase. Implementation of the public open space and play area shall be undertaken at the earliest available opportunity in order to allow for the successful establishment of the landscaping, and prior to completion of the final dwellings / phase.

2. DEFINITION OF TERMS

2.1. For the purpose of this document the following terms are defined as;

- a) *The Developer* – Bellway Homes who is responsible for the development of the site.
- b) *The Landscape Contractor* – A sub-contractor who is responsible for implementing the landscape scheme to the approved drawings and will be instructed directly by Bellway Homes. The Landscape Contractor will be liable for any failures to the planting and for the replacement planting during the rectification/defects liability period.
- c) *The Estate Managing Agent* – The Managing Agents who will be responsible for the upkeep and ongoing maintenance of the landscape areas following completion and handover from the Landscape Contractor. The Estate Managing Agent will be responsible for any replacement planting required after the rectification / defects liability period.

3. MANAGEMENT OBJECTIVES

- 3.1. The primary management aim for the proposed planting is the establishment and future sustained growth of individual trees, shrubs and seeded / turfed areas. This document outlines the first 5 years of maintenance for the Estate Managing Agents; however, they will continue to be responsible for ongoing maintenance beyond this period.
- 3.2. The main aim for the existing vegetation is its integration and long term management. Any existing trees within or directly adjacent to the site shown as retained on the landscape plans shall be protected in accordance with BS 5837: 2012, from commencement to completion of all works on site.
- 3.3. The proposed landscape scheme shall be implemented to the approved plans, using the relevant standards as noted on the Drawings. All plants are to be supplied in accordance with the HTA 'National Plant Specification' and from a HTA certified nursery. All plants and trees are to be planted in accordance with BS3936. Delivery and handling of all plant material to be in accordance with BS4428/JCLI/CPSE Code of Practice for 'Handling and Establishing Landscape Plants' parts I, II and III.
- 3.4. It is intended that the landscape scheme will be implemented by The Landscape Contractor appointed by Bellway Homes and upon completion will hand over the ongoing maintenance responsibilities of each landscaped area to the Estate Managing Agents.

4. AFTERCARE PERIOD

- 4.1. The programme of general operations shall be as described below. Refer also to the Landscape Maintenance Schedules at the end of this report. Visits are made to site depending on the operations necessary as specified in the maintenance schedule – typically weekly/fortnightly between March and October and monthly for the rest of the year.
- 4.2. Upon practical completion of each landscape area, the Developer's Landscape Contractor will hand over to the Estate Managing Agent who will be responsible for the maintenance of all landscaped areas during the Aftercare period. The Aftercare period shall be for 12 months following practical completion and covers the rectification period.
- 4.3. **Litter Management**
The Estate Managing Agent shall be responsible for the upkeep of any completed planting work as required by the contract documents, and during the following maintenance / defects liability period.
- 4.4. The Estate Managing Agent shall maintain all of the plot areas free from all kinds of litter which shall be removed off site.
- 4.5. All relevant Acts of Parliament and the Manufacturer's instructions must be followed and containers and other contaminated equipment must be cleared from the site after each day's work.
- 4.6. **General Upkeep**
The Estate Managing Agent shall:
 - a) Check all plants for damage, security, firmness, fixing and support, and replanted in an upright position and re-firmed if required.
 - b) Keep all planting areas free from weed growth and hoe over and level all cultivated areas and remove weeds to tip, reinstating mulch as necessary.
 - c) Refix displaced, ease where necessary, or replace where damaged, tree ties and tree and shrub shelters.

- d) Remove any litter or any surplus discarded materials from the above shall be removed off site.

4.7. The Estate Managing Agent shall eradicate weed growth of planted and seeded / turfed areas either by manual, mechanical or chemical means. Perennial weeds must be treated with glyphosphate or other approved product.

4.8. **Watering**
When considered necessary by the Estate Managing Agent they shall, during routine maintenance visits, water trees, shrubs and other planted areas (including grass seeded / turfed areas if applicable) in order that the entire tree pit or planted area is watered to field capacity to ensure the establishment and growth of plants/grass. Watering of any raised planters or standalone tree planters shall include topping up of watering system via the filler pipe as necessary to ensure full saturation of reservoir / planter watering system and topsoil.

4.9. The Estate Managing Agent is to allow for the provision of water, water carts or hoses with a fine rose attachment or sprinklers at normal mains pressure, allowed to run until the full depth of topsoil specified has reached a point where full absorption is achieved over the areas of all trees and shrubs. Typically this should be 1-3 times a week during spring and summer and once a week outside this period. Refer to Annex G.2 of BS8545:2014 for watering field capacity.

4.10. **Replacement of failed planting**
At the end of each growing season the Estate Managing Agent shall remove from the planting pits, cultivated beds and/or trenches all plants which have died or are failing to thrive or are likely to die or fail to thrive. The Estate Managing Agent shall remove such plants off site.

4.11. Prior to the growing season (March - November), the Estate managing Agent shall assess the planted stock and submit a schedule of replacements necessary to maintain 100% stocking in accordance with the Drawings and any subsequent instructions.

4.12. The Landscape Contractor shall remain liable and shall replace all plants which have failed to survive and removed in accordance with clauses in this

specification with identical plant material or as otherwise agreed during the rectification / defects liability period. After this period expires, replacements shall be the responsibility of the Estate Managing Agents. Replacement plant material shall be of the same size and species as specified in the Contract. Replacement planting shall be carried out by Landscape Contractor in the planting season, following the discovery of the defect.

- 4.13. During the rectification / defects liability period after having removed any mulching materials, the Landscape Contractor shall dig or fork over the existing planting pit, cultivated bed and/or trench to its original dimensions to relieve compaction prior to any replacement stock being planted. For isolated plants in cultivated beds or trenches a volume of 200mm x 200mm x 200mm shall be relieved. Upon completion of replacement planting, the Landscape Contractor will replace the mulching.

4.14. Pruning

The Estate Managing Agent shall remove all dead wood, diseased tissue, suckers and epicormic growth, from all planted material at the end of each growing season. The Estate Managing Agent shall also be responsible for the training of new leading shoots, should the original become diseased or damaged.

4.15. Pest Control

Check and re-apply spiral guards during each maintenance visit.

4.16. Strimming

Edge, banks and grass around obstructions to be strimmed on an *ad hoc* basis should it be necessary.

- 4.17. The Estate Managing Agent shall repair and reseed all open or poorly germinated areas using the same seed during April and September.

4.18. Fertiliser

Fertiliser shall be applied to the surface of each planting pit, cultivated or hedge trench. Fertiliser to be used during aftercare period to be Growmore or similar slow release general purpose landscape fertiliser applied at rates specified by manufacturer and in line with current best practice

- 4.19. Fertiliser shall be applied to planting pits and to plants not requiring pit preparation. Fertiliser shall not be applied to grass areas.
- 4.20. The Estate Managing Agent's contractor shall inform the Estate Managing Agent of their intention to apply fertiliser 10 days prior to the work being carried out.
- 4.21. **Green Roof**
Regular visual checking of green roofs for rubbish and debris which may restrict light to the green roof.
- 4.22. Green roof to have fertiliser applied immediately after installation to ensure successful establishment of planting.
- 4.23. Green roof area to be watered regularly for the first 2-3 weeks to allow the planting to sink roots into the growing medium.

5. ONGOING MAINTENANCE

5.1. GENERAL MANAGEMENT YEARS 1-5

- 5.1.1. The Estate Managing Agent will be responsible for the general management following 12 months rectification/defects liability period, to maintain all landscape areas. Visits are made to site depending on the operations necessary as specified in the maintenance schedule – typically weekly/fortnightly between March and October and monthly for the rest of the year.
- 5.1.2. The Estate Managing Agent shall make himself aware of the requirements of Statutory Undertakers with respect to the planting of shrubs and trees and shall ensure that these requirements are complied with.
- 5.1.3. **Weeding**
The Estate Managing Agent shall keep all planted areas free from weeds by either hoeing over and hand weeding or by chemical means during the growing season.
- 5.1.4. The Estate Managing Agent shall suppress weed growth to planted and seeded / turfed areas at all times either by mechanical or chemical means. Shrub beds shall be kept clear of weed growth at all times.
- 5.1.5. The Estate Managing Agent must not carry out spraying operations during unsuitable conditions which may cause spray to drift on the adjoining land. The Estate Managing Agent will be held legally responsible for any damage or injury to persons, animals or property resulting from his spraying operations.
- 5.1.6. **Proposed Trees**
During maintenance visits the Estate Managing Agent shall check all trees for security, firmness, fixing and support. Any trees suffering from wind rocking shall be replanted in an upright position and refirmed.
- 5.1.7. Tree stakes, tree ties and restraints shall be regularly inspected to avoid any risk of chafing or rubbing of the tree against the stake. Tree ties must

be correctly fitted so that they provide the necessary support to the tree but must not be so tight that they constrict and inhibit the natural growth of the tree.

- 5.1.8. Where spiral tree / shrub guards are fitted these shall be checked for correct position (ie. correctly fitted from base of tree trunk upwards) to afford some protection against accidental damage by strimmers or other machinery.
- 5.1.9. The Estate Managing Agent shall maintain, by mechanical or chemical means, a grass-free area of not less than 1200mm in diameter around every tree planted within grassed areas. Any trees damaged by chemicals or machinery must be replaced at the Estate Managing Agents expense.
- 5.1.10. Any stakes, ties or spiral guards that become broken or damaged during the maintenance period shall be replaced by the Estate Managing Agent at his own expense.

5.1.11. Watering

When considered necessary by the Estate Managing Agent they shall, during routine maintenance visits, water trees, shrubs and other planted areas (including planters, grass seeded / turfed areas) in order that the entire tree pit or planted area is watered to field capacity. Typically this should be 1-3 times a week during spring and summer and once a week outside this period. Refer to Annex G.2 of BS8545:2014 for watering field capacity.

- 5.1.12. Watering of any raised planters or standalone tree planters shall include topping up of watering system via the filler pipe as necessary to ensure full saturation of reservoir / planter watering system and topsoil. Additional watering visits for the planters may be necessary during extended drought periods.

5.1.13. Amenity Grass Areas

Then the amenity grass has grown 50mm high the areas will be lightly rolled in two directions with a roller not exceeding 0.25 tonne. Any bare patches shall be re-seeded with the specified mix.

5.1.14. The Estate Managing Agents rates for maintaining grass areas shall allow for all necessary handwork around trees.

5.1.15. 48 hours prior to cutting grass, all stones exceeding 50mm diameter in any dimension shall be removed from the surface. All cutting shall be carried out with tools or machines properly sharpened and set. When the amenity grass is approximately 100mm high it shall be topped without tearing with a rotary mower to leave 25-30mm growth. When mowing without a box, clippings shall be spread out evenly to prevent damage to the grass beneath. Where density of clippings will damage grass they shall be raked up and removed from site.

5.1.16. During the growing season the amenity grass shall be cut at 10 to 14 day intervals to ensure that the grass does not exceed 75mm high. The margins of seeded / turfed areas shall be trimmed with edging shears at the time of every second mowing. The Landscape Contractor shall allow in his rates for maintenance between the specified second cut and the final cut.

5.1.17. Areas of bulb planting within the amenity grass shall be left unmown during Spring, until they have finished flowering and the post-bloom foliage of the bulb plants begins to yellow and die naturally. Mowing of these areas can continue once the post-bloom foliage is limp and has turned yellow. These areas shall be cut back gradually to ensure no more than one third of the length of the grass is removed in one mowing, and then a normal mowing schedule can be resumed.

Emorsgate EL1 Flowering Lawn Mix

5.1.18. The wild flower and grass species in this mix are perennial; they will be slow to germinate and grow and will not usually flower in their first growing season. There will often be a flush of annual weeds from the soil in the first

growing season. This annual weed growth is easily controlled by repeated mowing.

- 5.1.19. Mow newly sown flowering lawns regularly (every 7 -10 days during growing season) throughout the first year of establishment. Cut to a height of 40-60mm, removing cuttings if dense. This will gradually develop a good sward structure, help maintain balance between faster growing grasses and slower developing wild flowers, and control annual weeds.
- 5.1.20. Carefully dig out or spot treat any residual perennial weeds such as docks.

Management once established

- 5.1.21. Mow regularly as a lawn but not too short (25-40mm).
- 5.1.22. To permit flowering, mowing can be relaxed from late June. Cut again when the sward gets untidy (after 4-8 weeks). Mowing may be suspended earlier in the year to allow cowslips to flower. Heavy quantities of cuttings should be collected and removed from site.

5.1.23. Wildflower Grassland Areas

Newly established wildflower meadow areas will be subject to a low intensity and varied cutting regime for the second and subsequent years to maintain their ecological value and diversity. The regime comprises an annual hay cut after flowering in July or August or bi-annual hay cut during late July-August and October, allowing plants to flower and set seed.

- 5.1.24. The cuttings shall be left in place to dry and shed seed for 1-7 days before being removed off-site.
- 5.1.25. Repair and reseed all open or poorly germinated areas using the same seed during April and September.
- 5.1.26. The Estate Managing Agent shall undertake the removal of all litter at quarterly intervals throughout the year.

5.1.27. Fertiliser

If instructed by the Landscape Architect/Supervising officer the Estate Managing Agent shall supply and spread agricultural fertilizer during showery weather at the rates indicated by the manufacturer in transverse directions.

- 5.1.28. Fertiliser to be used during aftercare period to be Growmore or similar slow release general purpose landscape fertiliser applied at rates specified by manufacturer and in line with current best practice.
- 5.1.29. Fertiliser shall be applied to planting pits and to plants not requiring pit preparation. Fertiliser shall not be applied to grass areas.
- 5.1.30. The Estate Managing Agent's contractor shall inform the Estate Managing Agent of their intention to apply fertiliser 10 days prior to the work being carried out.

5.1.31. Proposed Shrubs

Any dead twigs or water shoots occurring on the clear stem of trees and dead shoots on shrubs shall be removed, and disposed of by the Estate Managing Agent.

- 5.1.32. All plants shall be re-firmed after frost to ensure that they are not leaning and that the soil level around the plants remains at the level the plants grew in the nursery.
- 5.1.33. All rubbish, cuttings, surplus excavated material etc. shall be removed off site. Dead plants shall only be removed after a record of their number and location has been made.

5.1.34. Pest Control

The Estate Managing Agent shall allow in his rates for the routine removal of any litter found over the site, including all grassed areas, planted areas and areas around trees which are included within his maintenance responsibilities.

5.1.35. The Estate Managing Agent shall include in his prices for any spraying or dusting required against pests and diseases throughout the maintenance period.

5.1.36. Plants shall be checked regularly for rodent damage.

5.1.37. **Ground Conditions**

Any gullies, indentations or pockets caused by running water shall be made good and brought to the correct level.

5.1.38. Any shrinkage/ponding to the specified levels shall be rectified at the Estate Managing Agent expense.

5.1.39. **Mulching**

The Estate Managing Agent shall reinstate mulch where disturbed due to the maintenance or other causes and allow for returning mulch material to planting areas from adjacent grass and hard surfaces.

5.1.40. **Hard Surfaces, Street Furniture and Boundary Treatments**

Regular visual checking shall be undertaken of all hard surfaces and street furniture including all safety surfaces and loose surfaces. Removal of leaves, litter, debris and other objects.

5.1.41. Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Assessment of all boundary treatments (and repair where required) shall be undertaken.

5.1.42. All boundaries within playspace and public open spaces, (including timber post and rail chestnut pale fencing, metal railings and self-closing gates) shall be assessed and repaired to maintain high standard of appearance and functionality of all boundaries, fencing and gates.

5.1.43. Re-stain timber fencing, seating, play equipment and other timber features. Apply preservative coatings as required in accordance with manufacturer's guidance. Paint metal work of fencing, railings, seating, play equipment and other metal features as required in accordance with manufacturers

guidance. All treatments to be appropriate to specific use in/near play areas. Additional guidance from manufacturers should be sought.

5.1.44. Play Equipment

Regular visual checking of all specialised play equipment and non-prescriptive play elements (including natural features such as boulders and logs etc) shall be undertaken.

5.1.45. Tightening / adjustments of fixings and fittings to ensure quality and safety of all play equipment.

5.1.46. Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Removal of any sharp edges to rocks, boulders and logs. Ensure items are firmly fixed in position through burying below ground and provision of adequate foundations. Manufacturer's guidance should be followed for specific equipment.

5.1.47. Green Roof

Regular visual checking of green roofs for rubbish and debris which may restrict light to the green roof. Access to the green roofs should be gained following the relevant health and safety procedures in place to carry out any works.

5.1.48. An inspection is to be carried out 3 times a year to check and remove weeds and clear leaves which is to be done manually. First inspections should be carried out in spring prior to the weeds flowering. Should bare patches form following weeding exercise, these should be spot planted with any excess encroached planting.

5.1.49. Vegetation to be cut back where it has expanded into verge barriers, walkways and drainage outlets.

5.1.50. Where wildflower grass is specified the grass should be cut and removed from the green roof

5.1.51. All drainage features for the roof are to be inspected to ensure adequate drainage is being achieved for the green roofs.

5.1.52. Green roofs to be fertilized every 9 months in both April and September.

5.2. SPECIFIC MANAGEMENT YEARS 1-5

5.2.1. All works within this section shall be the responsibility of the Estate Managing Agent or their nominated landscape contractor, who shall remain responsible for the general management of all landscape areas. The Estate Managing Agent shall maintain a bi-annual shrub trimming regime to promote bushy regrowth.

5.2.2. The Estate Managing Agent shall carry out works outside the general bird breeding season where possible.

5.2.3. **Proposed Trees**

Any tree which dies up to 5 years after completion of the site, or is removed/damaged, shall be replaced within the next planting season, with similar size and species as originally specified.

5.2.4. Weed growth within a 1200mm diameter of the tree shall be removed by spraying or by mechanical means to achieve a weed free area.

5.2.5. Remove suckering growth annually.

5.2.6. Apply slow acting fertilizer every Spring to all trees and rake into top 50mm of surrounding soil. Fertiliser to be Growmore or similar slow release general purpose landscape fertiliser applied at rates specified by manufacturer and in line with current best practice.

5.2.7. During Spring and Summer remove all litter and related detritus over 50mm in diameter off site.

5.2.8. Check tree stakes/guying are in a vertical and secure position. Tree ties are positioned correctly and are not chaffing the bark.

5.2.9. Check all rodent protection sleeves are positioned correctly and that no chaffing occurs and that the sleeve is positioned at the base of the tree.

5.2.10. All damaged branches from frost or other damage shall be removed with a clean cut.

5.2.11. Within visibility splays maintain to a height of 600mm from the base.

- 5.2.12. During the latter years of the maintenance period, the above management regime shall continue with removal of suckering shoots, the checking of rodent damage and tree protection on a bi-annual basis. Spraying shall continue so that a 1200mm diameter around the trees is kept weed free.
- 5.2.13. The Estate Managing Agent shall during each planting season replace all dead or dying trees and replace with similar size and species.

5.2.14. Tree Pruning

All tree surgery works should be carried out in accordance with British Standard BS 3998 (2010), *Recommendations for tree work*, and should be undertaken by appropriate persons as necessary.

- 5.2.15. Inspections should be carried out in the early autumn when the trees are in leaf, and any fungal activity is more likely to be evident. Any dead or diseased wood should be removed appropriately.
- 5.2.16. All damaged branches from frost or other damage shall be removed with a clean cut.
- 5.2.17. No tree works are to be carried out during the general bird breeding season of March until August.

5.2.18. Proposed Formal Hedges

Monitor the hedge regularly following planting and make good gaps as they occur with replacement plants. Low ornamental hedges (inc. Buxus sempervirens) shall be maintained at a height of approximately 400-600mm. Within vehicular visibility splays, all hedge and shrub planting should be maintained to a maximum height of 600mm.

5.2.19. Hedge Pruning

Prune in early spring to remove any frost damage or diseased shoots. Cut to within 15cm of the base of the young leading shoots to encourage vigorous side branching.

- 5.2.20. Remove suckering growth annually.

5.2.21. Proposed Shrubs

The main objective of the management of shrub beds, including the raised planters and individual specimens is the establishment and future sustained growth of plants to create an attractive feature. Pruning should keep the plant healthy and vigorous, and prevent shrubs becoming leggy.

- 5.2.22. Delivery and handling of all plant material to be in accordance with BS4428/JCLI/CPSE Code of Practice for 'Handling and Establishing Landscape Plants' parts I,II and III.
- 5.2.23. Keep all areas of planting free from weed growth at all times. After planting, hoe over all cultivated areas and remove all weeds to tip.
- 5.2.24. Remove any litter or debris found over the site in planted areas that are included within the maintenance responsibilities.
- 5.2.25. At the end of each growing season, remove from the planting areas all plants which have died or are failing to thrive or are likely to die or fail to thrive. These should be removed off site.
- 5.2.26. All plants shall be re-firmed after frost to ensure that they are not leaning, and that the soil level around the plants remains at the level the plants grew in the nursery.

5.2.27. Shrub Pruning

All pruning and management should be carried out by competent persons who are fully acquainted with the correct techniques to apply to the plants specified.

- 5.2.28. Remove all dead wood, diseased tissue, suckers and epicormic growth from all planted material at the end of each growing season. Shape appropriately to each species, location, season, and stage of growth, leaving a well balanced natural appearance.
- 5.2.29. When pruning stems, use clean sharp secateurs, and cut immediately above a bud and as close to it as possible without damaging the bud or the portion of twig which is feeding it, therefore leaving the smallest possible wound.

5.2.30. Where shrubs are becoming leggy, coppice and thin out shrubs to encourage regeneration and healthy, bushy growth. These operations shall not compromise the visual screening of the planting.

5.2.31. No works to shrubs are to be carried out during the general bird breeding season of March and August.

5.2.32. Pruning Flowering Shrub Species

Prune as follows:

- 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.

5.2.33. Amenity Grass / Turf Areas

The Estate Managing Agent shall eradicate weed growth from all areas of grass. Perennial weeds shall be treated using glyphosate or other approved product carefully so as not to harm adjacent grassed areas.

5.2.34. Ensure that the amenity grass is not allowed to grow above a height of 75mm throughout the growing season.

5.2.35. Repair and reseed all open or poorly germinated areas using the same seed during April and September.

5.2.36. Estate Managing Agent shall undertake the removal of all litter at quarterly intervals throughout the year.

5.2.37. Green Wall Planting / Climbing Species

The main objective of the management of green wall climbing species is the establishment and future sustained growth of the climbing plants to create an attractive green wall feature. Pruning should keep the plant healthy and vigorous, and assist in covering the green wall frame/structure.

5.2.38. Delivery and handling of all plant material to be in accordance with BS4428/JCLI/CPSE Code of Practice for 'Handling and Establishing Landscape Plants' Parts I, II and III.

5.3. SPECIFIC MANAGEMENT YEARS 5+

5.3.1. Proposed trees

During regular maintenance visits, the Estate Managing Agent shall remove all remaining tree stakes, ties and spiral protection and re-grade the surrounding ground.

- 5.3.2. Continue removal of broken, dead or dying branches.
- 5.3.3. Continue spot weed control within areas where the canopy has not closed over.

5.3.4. Proposed Planters / Standalone Tree Planters

During regular maintenance visits, the Estate Managing Agent shall continue to water the tree planters and top up the water system via a irrigation pipe.

- 5.3.5. Continue to prune as necessary to promote the development of good specimens, and remove dead or diseased wood, and keep the crowns out of the way of pedestrians and vehicles.
- 5.3.6. Continue to remove weeds from within planter and around trees.

5.3.7. Existing / Proposed Shrubs & Hedges

Where shrubs are becoming leggy the Estate Managing Agent shall coppice and thin out shrubs to encourage regeneration. Established planting to be pruned to provide a neat, pleasing appearance and promote new growth. These operations shall not compromise the visual screening of the planting.

- 5.3.8. The formal hedges shall be maintained at a height of approx 1.2-1.5m unless within vehicular visibility splays where all hedge and shrub planting should be maintained to a height of 600mm.
- 5.3.9. Remove all litter accumulated during 6 monthly intervals.

5.3.10. No works to shrubs are to be carried out during the general bird breeding season of March and August.

5.3.11. Amenity Grass Areas

The management and cutting of all amenity grassed areas shall continue as described in the aftercare period.

5.3.12. Green Wall / Climbing Species

Continue watering, weed control and litter clearance as required.

5.3.13. Check climbing supports and refix/tighten as required.

5.3.14. Climbing shoots should be trained onto supports by encouraging stem growth in a particular direction using ties where necessary and check supports are securely fixed to the wall.

5.3.15. Prune back stems as required to prevent growth beyond the growing zone.

5.3.16. Pruning should be undertaken in accordance with shrub pruning, going back to a healthy part of the plant.

5.3.17. Watering

The Estate Managing Agent shall, when considered necessary, water trees, shrubs and other planted areas during routine maintenance visits as required, until the entire tree pit or planted area is watered to field capacity.

5.3.18. Hard Surfaces, Street Furniture and Boundary Treatments

Regular visual checking shall continue of all hard surfaces and street furniture including all safety surfaces and loose surfaces. Removal of leaves, litter, debris and other objects.

5.3.19. Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Assessment of all boundary treatments (and repair where required) shall be undertaken.

- 5.3.20. All boundaries within playspace and public open spaces, (including timber post and rail chestnut pale fencing, metal railings and self-closing gates) shall be assessed and repaired to maintain high standard of appearance and functionality of all boundaries, fencing and gates.
- 5.3.21. Re-stain timber fencing, seating, play equipment and other timber features. Apply preservative coatings as required in accordance with manufacturer's guidance. Paint metal work of fencing, railings, seating, play equipment and other metal features as required in accordance with manufacturers guidance. All treatments to be appropriate to specific use in/near play areas. Additional guidance from manufacturers should be sought.

5.3.22. Play Equipment

Regular visual checking of all specialised play equipment and non-prescriptive play elements (including natural features such as boulders and logs etc) shall be undertaken.

- 5.3.23. Tightening / adjustments of fixings and fittings to ensure quality and safety of all play equipment.
- 5.3.24. Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Removal of any sharp edges to rocks, boulders and logs. Ensure items are firmly fixed in position through burying below ground and provision of adequate foundations. Manufacturer's guidance should be followed for specific equipment.

5.3.25. Green Roof

Regular visual checking of green roofs for rubbish and debris which may restrict light to the green roof. Access to the green roofs should be gained following the relevant heath and safety procedures in place to carry out any works.

- 5.3.26. An inspection Is to be carried out 3 times a year to check and remove weeds and clear leaves which is to be done manually. First inspections should be carried out in spring prior to the weeds flowering. Should bare

patches form following weeding exercise, these should be spot planted with any excess encroached planting.

- 5.3.27. Vegetation to be cut back where it has expanded into verge barriers, walkways and drainage outlets.
- 5.3.28. Where wildflower grass is specified the grass should be cut and removed from the green roof
- 5.3.29. All drainage features for the roof are to be inspected to ensure adequate drainage is being achieved for the green roofs.
- 5.3.30. Green roofs to be fertilizes every 9 months in both April and September

APPENDIX 1

LANDSCAPE MAINTENANCE SCHEDULE – YEAR 1

APPENDIX 1: LANDSCAPE MAINTENANCE SCHEDULE – YEAR 1

(Period between practical completion and the end of rectification period)

Notes: Unless otherwise agreed all works highlighted within this schedule as the responsibility of the landscape contractor are to be undertaken by the landscape contractor responsible for the installation of the relevant works.

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|------------------------|--|--|---|--|----------------------|
| Generally (Whole Site) | Litter Picking | To maintain high standard of appearance | All contents to be bagged up and disposed of in the appropriate manner off site | Weekly/As required | Landscape Contractor |
| | Emptying/clean litterbins. Dispose of waste. Clean as required including cigarette stub plates if applicable and immediate surrounding area. | To maintain high standard of appearance to area and cleanliness. Ensures litterbins are useable at all times. | All contents to be bagged up and disposed of in the appropriate manner off site | Weekly/As required | Landscape Contractor |
| | Manual weed control | To ensure successful establishment of planting and hard surfaces remain weed free. | To be undertaken by hand, using hand tools only throughout all planted areas and hard surfaces. All weeds to be removed, bagged up and disposed of off site | Monthly | Landscape Contractor |
| | Chemical weed control (non-residual) | To ensure successful establishment of Planting. | Generally utilised where all other methods of weed control are proven to be unsuccessful. | As required and approved (generally monthly during growing season) | Landscape Contractor |
| | | To ensure all hard surfaces remain weed free. | Spot-application to areas of hard surfaces where all other methods of weed control are proven to be unsuccessful. | As required and approved (generally monthly during growing season) | Landscape Contractor |
| | Feeding | To ensure ongoing success of landscape planting. | Slow acting organic fertiliser applied to planted areas as considered necessary and raked into top 50mm of surrounding soil. To be spread evenly and replace any mulch materials. | Annually in early spring | Landscape Contractor |
| | Manual cleaning of hard surfaces | To maintain high standard of appearance to area and to ensure all hard surfaces remain free from chewing gum, staining and moss / algae build up / debris and trip hazards | Undertaken using hand tools. | Monthly | Landscape Contractor |
| | Mechanical cleaning of hard surfaces | To maintain high standard of appearance to area and to ensure all hard surfaces remain free from debris/trip hazards | Road/path sweepers and pressure washers only permitted, use of chemical not permitted. | As required and approved (generally monthly) | Landscape Contractor |
| | Removal of dog dirt from dog bins and ground | To ensure the park remains a clean, safe and pleasant environment for all users. | Remove dirt and dispose of by bagging and disposal off site. | Weekly | Landscape Contractor |
| | Graffiti removal | To maintain high standard of appearance | | Monthly | Landscape Contractor |
| | Clearance of fallen leaves | To reduce potential slip hazards | Leaf litter to be disposed of off-site in a sustainable manner i.e. to a composting facility | Twice a month during Oct / Nov / Dec | Landscape Contractor |
| | Watering | All planting and seeded areas as required to ensure successful establishment and create a high quality pleasant landscaped environment. | Watering is envisaged to be required predominantly at regular intervals throughout the spring and summer months following planting works, however some additional watering may be required during excessive dry spells throughout the year. | As required (Generally 1-3 times a week during spring and summer and once a week outside this period). | Landscape Contractor |
| | Snow removal | Removal of snow from all hard surfaces, mature shrubs and trees. | Excessive snow to be removed from shrub / tree planting to avoid damage to planting due to weight from snow build up. | As required during winter months | Landscape Contractor |
| | Ice removal/gritting | Make safe all hard surfaces during extreme cold / icy spells and avoid hazards | Any products used must be non-toxic to humans and animals, and 100% biodegradable and eco-friendly. | As required during winter months | Landscape Contractor |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|----------------------------|--|--|---|---|----------------------|
| Amenity Grass Areas | Grass cutting to height of between 25-30mm arisings spread on site if suitable. | To maintain high standard of appearance and ensure all amenity grassed areas are not overgrown and are suitable for use at all times. | The height of growth must not exceed 75 mm at any time. Trim all edges /obstructions prior to general cut and sweep adjacent hard surfaces. Bare areas and areas of dead grass that have failed to thrive shall be made good by re-cultivation and reseeding / turfing. | As required to ensure height is maintained. (Generally weekly during growing season between Mar & Oct) | Landscape Contractor |
| | Grass edging | To maintain high standard of appearance. | To be undertaken by hand using edging shears where grass areas meet hard surface edges, edges of planting beds and around newly planted trees. | As required to ensure height is maintained. (Generally weekly during growing season between Mar & Oct) | Landscape Contractor |
| | Over-seed / re-seed bare patches and areas of amenity grassland that have failed. Using same grass mixes as originally proposed. | To ensure no bare patches exist and successful grass establishment where weeds have been removed or areas have failed to establish in order to maintain high standard of appearance. | Ongoing specific monitoring of areas of grassland and patches that have been re-seeded to ensure successful establishment. Amenity grass areas shall be maintained and watered well in accordance with overall ongoing management. | Bi-Annually as required during August-Sep and/or March-April. | Landscape Contractor |
| | Recreational amenity grass areas to be rolled as required during growing season between March and October following grass cutting. | To ensure a firm, level and well drained surface in order to maintain high standard of appearance and use for recreational purposes. | Heavy roller shall be used at varied frequency, starting with light and infrequent passes. Rolling should be undertaken when ground is moist but avoid wet or saturated ground conditions as well as completely dry soil. | As required following grass cutting, to ensure level and firm surface (During growing season between Mar & Oct) | Landscape Contractor |
| Tree Planting | Check all trees. Removal of dead, dying or diseased trees & pruning as required. Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and keep all footpaths and routes clear from obstructions | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly (Pruning as required) | Landscape Contractor |
| | Repair/replace/reinstate all stakes, guards and ties as required. | To provide planting with the greatest opportunity for success | | Monthly | Landscape Contractor |
| | Spray off 1200mm radius around the base of each tree | To minimise competition from surrounding weed/grass growth | | Bi-Annually | Landscape Contractor |
| Hedge Planting | Check all plants. Removal of dead, dying or diseased plants & pruning as required. Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and robust hedgerow is created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly (Pruning as required) | Landscape Contractor |
| | Repair/replace/reinstate all stakes, guards and ties as required. | To provide planting with the greatest opportunity for success. | | Monthly | Landscape Contractor |
| Structural Native Planting | Check all plants. Removal of dead, dying or diseased plants & pruning as required. Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and keep all footpaths and routes clear from obstructions | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly (Pruning as required) | Landscape Contractor |
| | Repair/replace/reinstate all stakes, guards and ties as required. | To provide planting with the greatest opportunity for success | | Monthly | Landscape Contractor |
| Ornamental Shrub Planting | Removal of dead, dying or diseased plants Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and high quality ornamental planting areas are created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly | Landscape Contractor |
| | Prune plants at a time and in a manner which is appropriate to the species growth habit and form. | To promote healthy plants and provide planting with greatest opportunity for success. | | Monthly (Pruning as required) | Landscape Contractor |
| | Re mulching to all planted areas to maintain specified depth. | To minimise weed growth within planting Areas. | Bark mulch to be certified to ensure it is an inert product and in accordance with drawings / specifications. | Bi-Annually | Landscape Contractor |
| Climbing Species | Removal of dead, dying or diseased plants Replacement with same or an approved substitution if unavailable. | To ensure success of climbing species and to promote healthy future growth and high quality ornamental planting areas are created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly | Landscape Contractor |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|---|---|--|--|--|--|
| | Prune climbing plants at a time and in a manner which is appropriate to the species growth habit and form. Prune back stems as required to ensure it does not grow beyond growing zone/climbing frame. | To promote healthy climbing plants and provide planting with greatest opportunity for success. To ensure complete coverage of green wall / climbing structure. | | Monthly (Pruning as required) | Landscape Contractor |
| | Climbing shoots should be trained onto adjacent supports/climbing structure by encouraging stem growth in a particular direction, using ties where necessary, and check any supports necessary are securely fixed to the wall. | To promote full, attractive green feature wall and ensure complete coverage of green wall / climbing structure. | All green wall maintenance should be undertaken as required by green wall structure manufacturer's guidance. | Monthly (Training as required) | Landscape Contractor |
| | Re mulching to all planted areas associated with green wall to maintain specified depth. | To minimise weed growth within planting areas. | Bark mulch to be certified to ensure it is an inert product and in accordance with drawings / specifications. | Bi-Annually | Landscape Contractor |
| Play / Recreational Surfaces | Regular checking of all safety surfaces and loose surfaces. Removal of leaves, litter, debris and other objects. | To ensure quality and safety of all hard surfaces | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs undertaken at the earliest opportunity | Weekly | Landscape Contractor |
| | Regular checking of playgrade sand pit material, mulch and other play surfaces. Sand pit to be raked and levelled to remove items / debris and regularly mixed to prevent compaction. | To provide high quality appearance and ensure required depth is maintained for impact absorption for play equipment items. Sand depth to be minimum of 300mm. If required play grade loose fill materials should be topped up. | Where required replace any displaced playgrade materials and top up playgrade / loose surface materials with new to match existing as necessary. | Weekly | Landscape Contractor |
| | Sandpit shall be treated with sanitising product and any fouling removed / disposed | To ensure safe environment and contamination free sand pit. | All sanitising treatment to be certified to ensure it is in accordance with playspace sand pits. Any products used must be non toxic to humans and animals, and 100% biodegradable and eco friendly. | Monthly | Landscape Contractor |
| Play Equipment | Regular visual checking of all specialised play equipment and non-prescriptive play elements (including natural features such as boulders and logs etc). | To ensure quality and safety of all play equipment and features. | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Removal of any sharp edges to rocks, boulders and logs. Ensure items are firmly fixed in position through burying below ground and provision of adequate foundations. | Weekly | Landscape Contractor (or specialist play sub-contractor) |
| | Tightening / adjustments of fixings and fittings. | To ensure quality and safety of all play equipment | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity using materials to match those original specified. Manufacturer's guidance should be followed for specific equipment. | As required through weekly checks | Landscape Contractor (or specialist play sub-contractor) |
| Boundary Treatments (Inc Fencing & Gates) | Assessment of all boundary treatments (and repair where required). All boundaries within playspace and public open spaces, (including timber post and rail fencing, metal railings and self-closing gates). | To maintain high standard of appearance and functionality of all boundaries, fencing and gates. To ensure access to existing watercourse is restricted. | Any damage is to be fenced off immediately to avoid risk of injury and repaired at the earliest opportunity. | Monthly | Landscape Contractor |
| | Re-stain timber fencing, seating, play equipment and other timber features as necessary. Apply preservative coatings as required in accordance with manufacturer's guidance. Paint metal work of fencing, railings, seating, play equipment and other metal features as required in accordance with manufacturers guidance. | To ensure longevity of the equipment in line with manufacturer's recommendations. | All treatments to be appropriate to specific use in/near play areas. Additional guidance from manufacturers should be sought. | As required and in accordance with manufacturers guidance (Annually) | Landscape Contractor |
| Street Furniture | Regular visual checking of all street furniture | To ensure quality and safety of all street furniture | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs/replacement undertaken at the earliest opportunity using materials to match those original specified | Monthly | Landscape Contractor |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|---|--|---|--|--|--|
| | Re-staining / Re-painting if required by manufacturer guidance as per boundary treatments above. | To maintain high standard of appearance and functionality and improved longevity of all street furniture. | | As required | Landscape Contractor |
| Footpaths and other hard surfaces / paved areas | Regular visual checking of all hard surfaces | To ensure quality and safety of all hard surfaces | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs undertaken at the earliest opportunity | Monthly / As required | Landscape Contractor |
| Green Roof Feature | Regular checking of all green roof features, weeding, encroachment into boundaries, irrigation and fixtures and fittings. Removal of leaves, litter, debris and other objects. | To ensure green roof is functioning properly, and to maintain its appearance. | Where defects occur, weeding is to be carried out by hand and any works to be carried out using heath and safety procedures put in place when working from heights. To ensure safety repairs should be undertaken at the earliest opportunity. Replace items under manufacturers guarantee where possible. | As required and in accordance with manufacturers guidance (Annually) | Landscape Contractor |
| Annual Defects Review / Snagging | Review of all landscape areas and planting to identify all defect requirements. | To ensure any areas where previous planting works have been unsuccessful are replaced with new to match original, or an agreed variation within defects period. | Undertaken by Landscape Architect, Client representative , Main Contractor and the relevant landscape contractor | Just prior to end of defects liability period. | Landscape Architect, Landscape & Main Contractor, Client Rep |

APPENDIX 2

LANDSCAPE MAINTENANCE SCHEDULE – ONGOING

APPENDIX 2: LANDSCAPE MAINTENANCE SCHEDULE – ONGOING (following completion of Contractor's 12 months maintenance / rectification period)

Notes: Unless otherwise agreed all works within this schedule are the responsibility of the nominated landscape maintenance contractor / private landscape management firm / estate managing agent as instructed on behalf of the client. Timings for operations are indicative and for guidance only and will be subject to site specific and/or client requirements. Additional maintenance requirements for specialised equipment may be necessary – refer to manufacturer's guidance.

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|------------------------|--|---|--|--|----------------------------|
| Generally (Whole Site) | Litter Picking | To maintain high standard of appearance | All contents to be bagged up and disposed of in the appropriate manner off site | Weekly | Landscape Maintenance Firm |
| | Emptying/clean litterbins. Dispose of waste. Clean as required including cigarette stub plates if applicable and immediate surrounding area. | To maintain high standard of appearance to area and cleanliness. Ensures litterbins are useable at all times. | All contents to be bagged up and disposed of in the appropriate manner off site | Weekly | Landscape Maintenance Firm |
| | Manual weed control | To ensure ongoing success of landscape planting and hard surfaces remain weed free. | To be undertaken by hand, using hand tools only throughout all planted areas and hard surfaces. All weeds to be removed, bagged up and disposed of off site | Monthly | Landscape Maintenance Firm |
| | Chemical weed control (non-residual) | To ensure ongoing success of landscape planting. | Generally utilised where all other methods of weed control are proven to be unsuccessful. | As required and approved (generally monthly during growing season) | Landscape Maintenance Firm |
| | | To ensure all hard surfaces remain weed free. | Spot-application to areas of hard surfaces where all other methods of weed control are proven to be unsuccessful. | As required and approved (generally monthly during growing season) | Landscape Maintenance Firm |
| | Mechanical cleaning of hard surfaces | To maintain high standard of appearance to area and to ensure all hard surfaces remain free from debris/trip hazards | Road/path sweepers and pressure washers only permitted, use of chemical not permitted. | As required and approved (generally monthly) | Landscape Maintenance Firm |
| | Removal of dog dirt from dog bins and ground | To ensure the park remains a clean, safe and pleasant environment for all users. | Remove dirt and dispose of by bagging and disposal off site. | Weekly | Landscape Maintenance Firm |
| | Graffiti removal | To maintain high standard of appearance | | Monthly | Landscape Maintenance Firm |
| | Clearance of fallen leaves | To reduce potential slip hazards | Leaf litter to be disposed of off-site in a sustainable manner i.e. to a composting facility | Twice a month during Oct / Nov / Dec | Landscape Maintenance Firm |
| | Watering | All planting and seeded areas as required to ensure successful establishment and create a high quality pleasant landscaped environment. | Watering is envisaged to be required predominantly at regular intervals throughout the spring and summer months following planting works, however some additional watering may be required during excessive dry spells throughout the year. | As required (Generally 1-3 times a week during spring and summer and once a week outside this period). | Landscape Maintenance Firm |
| | Snow removal | Removal of snow from all hard surfaces, mature shrubs and trees. | Excessive snow to be removed from shrub / tree planting to avoid damage to planting due to weight from snow build up. | As required during winter months | Landscape Maintenance Firm |
| | Ice removal/gritting | Make safe all hard surfaces during extreme cold / icy spells and avoid hazards | Any products used must be non toxic to humans and animals, and 100% biodegradable and eco friendly. | As required during winter months | Landscape Maintenance Firm |
| Amenity Grass Areas | Grass cutting to height of between 25-30mm arisings spread on site if suitable. | To maintain high standard of appearance and ensure all amenity grassed areas are not overgrown and are suitable for use at all times. | The height of growth must not exceed 75 mm at any time. Trim all edges / obstructions prior to general cut and sweep adjacent hard surfaces. Bare areas and areas of dead grass that have failed to thrive shall be made good by re-cultivation and reseeding / turfing. | As required to ensure height is maintained. (Generally weekly during growing season between Mar & Oct) | Landscape Maintenance Firm |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|---------------------------|--|--|--|---|----------------------------|
| | Grass edging | To maintain high standard of appearance. | To be undertaken by hand using edging shears where grass areas meet hard surface edges, edges of planting beds and around newly planted trees. | As required to ensure height is maintained. (Generally weekly during growing season between Mar & Oct) | Landscape Maintenance Firm |
| | Over-seed / re-seed bare patches and areas of grassland that have failed. Using same grass mixes as originally proposed. | To ensure no bare patches exist and successful grass establishment where weeds have been removed or areas have failed to establish in order to maintain high standard of appearance. | Ongoing specific monitoring of areas of grassland and patches that have been re-seeded to ensure successful establishment. Amenity grass areas shall be maintained and watered well in accordance with overall ongoing management. | Bi-Annually as required during August-Sep and/or March-April. | Landscape maintenance Firm |
| | Recreational amenity grass areas to be rolled as required during growing season between March and October following grass cutting. | To ensure a firm, level and well drained surface in order to maintain high standard of appearance and use for recreational purposes. | Heavy roller shall be used at varied frequency, starting with light and infrequent passes. Rolling should be undertaken when ground is moist but avoid wet or saturated ground conditions as well as completely dry soil. | As required following grass cutting, to ensure level and firm surface (During growing season between Mar & Oct) | Landscape Contractor |
| Tree Planting | Check all trees. Removal of dead, dying or diseased trees & pruning as required. Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and keep all footpaths and routes clear from obstructions | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly (Pruning as required) | Landscape Maintenance Firm |
| | Check tree stakes, guards, ties and remove once fully established (max 5years) | To provide planting with the greatest opportunity for success and to ensure ties / stakes / guards do not impact tree growth. | | Monthly | Landscape Maintenance Firm |
| | Spray off 1200mm radius around the base of each tree | To minimise competition from surrounding weed/grass growth | | Bi-Annually | Landscape Maintenance Firm |
| | Crown lift specimen trees as they mature where necessary to ensure clear sight lines / activity zones and footways / roadways and avoid vandalism. | To ensure clear sight lines / activity zones and footways / roadways and avoid vandalism. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Bi-Annually | Landscape Maintenance Firm |
| Hedge Planting | Check all plants. Removal of dead, dying or diseased plants & pruning as required. Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and robust hedgerow is created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly (Pruning as required) | Landscape Maintenance Firm |
| | Check tree stakes, guards, ties and remove once fully established (max 5years) | To provide planting with the greatest opportunity for success and to ensure ties / stakes / guards do not impact tree growth. | | Monthly | Landscape Maintenance Firm |
| Ornamental Shrub Planting | Removal of dead, dying or diseased plants Replacement with same or an approved substitution if unavailable. | To ensure success of scheme and to promote healthy future growth and high quality ornamental planting areas are created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly | Landscape Contractor |
| | Prune plants at a time and in a manner which is appropriate to the species growth habit and form. | To promote healthy plants and provide planting with greatest opportunity for success. | | Monthly (Pruning as required) | Landscape Maintenance Firm |
| | Re mulching to all planted areas to maintain specified depth. | To minimise weed growth within planting Areas. | Bark mulch to be certified to ensure it is an inert product and in accordance with drawings / specifications. | Bi-Annually | Landscape Maintenance Firm |
| Climbing Species | Removal of dead, dying or diseased plants Replacement with same or an approved substitution if unavailable. | To ensure success of climbing species and to promote healthy future growth and high quality ornamental planting areas are created. | All landscape works should be carried out in accordance with appropriate British Standards and should be undertaken by appropriately trained persons. | Monthly | Landscape Maintenance Firm |
| | Prune climbing plants at a time and in a manner which is appropriate to the species growth habit and form. Prune back stems as required to ensure it does not grow beyond growing zone/climbing frame. | To promote healthy climbing plants and provide planting with greatest opportunity for success. To ensure complete coverage of green wall / climbing structure. | | Monthly (Pruning as required) | Landscape Maintenance Firm |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|---|--|--|--|--|----------------------------|
| | Climbing shoots should be trained onto adjacent supports/climbing structure by encouraging stem growth in a particular direction, using ties where necessary, and check any supports necessary are securely fixed to the wall. | To promote full, attractive green feature wall and ensure complete coverage of green wall / climbing structure. | All green wall maintenance should be undertaken as required by green wall structure manufacturers guidance. | Monthly (Training as required) | Landscape Maintenance Firm |
| | Re mulching to all planted areas associated with green wall to maintain specified depth. | To minimise weed growth within planting areas. | Bark mulch to be certified to ensure it is an inert product and in accordance with drawings / specifications. | Bi-Annually | Landscape Maintenance Firm |
| Play / Recreational Surfaces | Regular checking of all safety surfaces and loose surfaces. Removal of leaves, litter, debris and other objects. | To ensure quality and safety of all hard surfaces | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs undertaken at the earliest opportunity | Weekly | Landscape Maintenance Firm |
| | Regular checking of playgrade sand pit material, mulch and other play surfaces. Sand pit to be raked and levelled to remove items / debris and regularly mixed to prevent compaction. | To provide high quality appearance and ensure required depth is maintained for impact absorption for play equipment items. Sand depth to be minimum of 300mm. If required play grade loose fill materials should be topped up. | Where required replace any displaced playgrade materials and top up playgrade / loose surface materials with new to match existing as necessary. | Weekly | Landscape Maintenance Firm |
| | Sandpit shall be treated with sanitising product and any fouling removed / disposed | To ensure safe environment and contamination free sand pit. | All sanitising treatment to be certified to ensure it is an in accordance with playspace sand pits. Any products used must be non toxic to humans and animals, and 100% biodegradable and eco friendly. | Monthly | Landscape Maintenance Firm |
| Play Equipment | Regular visual checking of all specialised play equipment and non-prescriptive play elements (including natural features such as boulders and logs etc). | To ensure quality and safety of all play equipment and features. | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity. Removal of any sharp edges to rocks, boulders and logs. Ensure items are firmly fixed in position through burying below ground and provision of adequate foundations. | Weekly | Landscape Maintenance Firm |
| | Tightening / adjustments of fixings and fittings. | To ensure quality and safety of all play equipment | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs / replacement undertaken at the earliest opportunity using materials to match those original specified. Manufacturers guidance should be followed for specific equipment. | As required through weekly checks | Landscape Maintenance Firm |
| Boundary Treatments (Inc Fencing & Gates) | Assessment of all boundary treatments (and repair where required). All boundaries within playspace and public open spaces, (including timber post and rail fencing, metal railings and self closing gates). | To maintain high standard of appearance and functionality of all boundaries, fencing and gates. To ensure access to existing watercourse is restricted. | Any damage is to be fenced off immediately to avoid risk of injury and repaired at the earliest opportunity. | Monthly | Landscape Maintenance Firm |
| | Re-stain timber fencing, seating, play equipment and other timber features. Apply preservative coatings as required in accordance with manufacturer's guidance. Paint metal work of fencing, railings, seating, play equipment and other metal features as required in accordance with manufacturers guidance. | To ensure longevity of the equipment in line with manufacturer's recommendations. | All treatments to be appropriate to specific use in/near play areas. Additional guidance from manufacturers should be sought. | As required and in accordance with manufacturers guidance (Annually) | Landscape Maintenance Firm |
| Street Furniture | Regular visual checking of all street furniture | To ensure quality and safety of all street furniture | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs/replacement undertaken at the earliest opportunity using materials to match those original specified | Monthly | Landscape Maintenance Firm |
| | Restaining / Repainting if required by manufacturer guidance as per boundary treatments above. | To maintain high standard of appearance and functionality and improved longevity of all street furniture. | | As required | Landscape Maintenance Firm |

| Area | Maintenance Operation | Objective | Notes | Frequency of Operation | Action By |
|---|--|---|---|--|----------------------------|
| Footpaths and other hard surfaces / paved areas | Regular visual checking of all hard surfaces | To ensure quality and safety of all hard surfaces | Where defects occur, areas are to be cordoned off immediately to ensure safety, with repairs undertaken at the earliest opportunity | Monthly / As required | Landscape Maintenance Firm |
| Water Features including Streams & Ponds | Regular checking of all water features, their water pumps, surfaces, fixtures and fittings. Removal of leaves, litter, debris and other objects. | To ensure feature is functioning properly, and to maintain its appearance. | Where defects occur, features are to be isolated from the electricity supply and labelled as 'out-of-order' immediately to ensure safety, with repairs undertaken at the earliest opportunity. Any non-native planting to be removed around pond and within 8m of channel. | Monthly / as required | Landscape Contractor |
| Green Roof Feature | Regular checking of all green roof features, weeding, encroachment into boundaries, irrigation and fixtures and fittings. Removal of leaves, litter, debris and other objects. | To ensure green roof is functioning properly, and to maintain its appearance. | Where defects occur, weeding is to be carried out by hand and any works to be carried out using health and safety procedures put in place when working from heights. To ensure safety repairs should be undertaken at the earliest opportunity. Replace items under manufacturers guarantee where possible. | As required and in accordance with manufacturers guidance (Annually) | Landscape Contractor |

landscape planning • ecology • arboriculture

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