Appendix 2:
Landscape Management Plan
Introduction

The requirements for the maintenance of landscape works within the London Gateway Logistics Park and the Variable Structural Landscape Zone are set out below.

The development shall adopt a coherent, strategic and integrated approach to the management and maintenance of the soft landscape components associated with the development; ensuring the successful establishment of vegetation and overall integration works within the surrounding landscape, a management approach that is appropriate to both nature conservation and the users of the site and its amenity.

Key Objectives

The key objectives shall be:

- To retain and enhance the value of existing landscape features;
- To successfully establish and integrate new landscape proposals and site vegetation with the surrounding landscape;
- To maximise the nature conservation value of both new and existing habitats on the site;
- To accommodate appropriate public use of the site, by promoting a management regime which is appropriate to the site’s role;
- To fulfil legal requirements, including nature conservation, environmental protection and general public safety; and
- To ensure the successful establishment and managed growth of all planting and seeded areas.

Description of the Works

The works shall be applicable to the maintenance of proposed trees, shrubs, hedgerows, woodland planting, mown grass and meadow grass areas to be implemented; any street furniture or paving to be installed; and any existing vegetation to be retained as part of the Development.

Maintenance work within these areas may include:

- Ground preparation;
- Minor topsoiling;
- Grass cutting;
- Edge trimming;
- Tree hedge and shrub pruning;
- General tree care;
- Watering;
- Treatment of pests and diseases;
- Creation of habitat features;
- Woodland management;
- Tree felling;
- Brush removal;
- Rubbish and debris removal;
- Cleaning of hard surfaces to remove moss, algae, chewing gum, etc.;
- Cleaning and repairing of damaged street furniture and boundary treatments; and
- The management of drainage swales and wetlands to ensure successful vegetation establishment and functionality.

Landscape Management Requirements

General Maintenance Requirements

The following general prescriptions apply to management of the development:

- All legally designated weeds or invasive plants (identified in Schedule nine, Part II of the Wildlife and Countryside Act 1981 or the Weeds Act 1968) shall be controlled and disposed of in accordance with relevant Nature England; DEFRA; or Environment Agency guidance;
- Vegetation, which suppresses or otherwise inhibits the development of planted species and proper management of habitats shall be restricted and/or removed;
- Any species which colonise the site, and are incongruous with the planting schemes and/or the surrounding context, shall be removed;
- All herbicides shall be systemic, biodegradable, and non residual, and only used where necessary and appropriate;
- All areas shall be subject to a regular system of litter collection and removal;
- All swale and water body embankments shall be subject to regular vegetation clearance, to ensure that a Manning coefficient of 0.75 can be maintained;
- All permanent water channels shall be subject to regular vegetation clearance, to ensure that a Manning coefficient of 0.01 can be maintained.

Street Furniture

Street Furniture

General Maintenance

Contractors shall undertake the following operations to all street furniture items throughout the life of the development:

- Surface cleaning (in accordance with guidance below);
- Inspect and notify facilities management team of superficial or physical damage to street furniture items; and
- Inspect and tighten (as necessary) all fixtures and fixings.

Cleaning Requirements

Timber Surfaces

- Clean annually with a stiff brush to prevent a verdigris type build up;
- Remove and sand with 100 grit sandpaper any splinters and graffiti; to ensure an even and smooth surface finish.

Galvanised Surfaces

- Clean quarterly using a damp cloth and warm soapy water only.
- NB: Scourers and abrasive cleaners are NOT suitable for these types of finish and may damage them.

Powder Coated Surfaces

- Clean annually using a damp cloth and warm soapy water only.
- NB: Scourers and abrasive cleaners are NOT suitable for these types of finish and may damage them.

Stainless Steel

- Clean quarterly using a stainless steel polish and a lint free cloth.
- NB: To remove ground in dirt a stainless steel finishing pad may be required.

Concrete

- Clean annually using an abrasive sponge and warm soapy water only.
Feature Planting

Semi Mature, Extra Heavy Standard & Specimen Feathered Tree Planting

Establishment Maintenance

To ensure their survival and optimal development, these trees shall be subject to intensive establishment maintenance. Contractors shall undertake the following operations as necessary during the first 24 months after planting:

- Maintenance of a 1.2m diameter weed free area around the base of each tree, through the application of a 75mm depth mulch;
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow release fertiliser around the base of all trees to ensure soil fertility is maintained at appropriate levels;
- The removal of any vandalised, unhealthy or dead specimens as soon as possible and replacement with trees of a similar size to those adjacent, during the next available planting season;
- Inspect, adjustment and maintenance of guards, stakes, anchors and ties;
- Re-firming of plants after strong winds, frost heave or other disturbances;
- Removal of any vandalised, unhealthy or dead trees and replacement with plants of the same specification, during the next available planting season;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth.

Ongoing Maintenance

Following initial establishment, Contractors shall undertake the following operations as necessary during years 2-12+ after planting:

- The formative pruning of specimens to achieve optimum growth rates and maintain a good shape, clear of any vehicular or pedestrian circulation routes; and
- The removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual trees.

Specimen Shrub, Ornamental Shrub and Groundcover Planting

Establishment Maintenance

To ensure the successful establishment of these planting areas, the Contractors shall undertake the following operations as necessary during the first 12 months after planting:

- Hand weeding of planting beds during the first year;
- Application of a translocated herbicide to shrub planting areas;
- Spot treatment, using a glyphosate based herbicide only (to prevent damage to desired plant material) of herbaceous planting;
- Annual replenishment of mulch to agreed contract levels;
- Application of a slow release fertiliser to ensure soil fertility is maintained at appropriate levels;
- Treatment against pests and diseases with spraying and dusting;
- Pruning of shrubs for floral, foliage and stem colour effect and to remove weak, dead and diseased branches;
- Pruning of species to ensure correct form;
- Pruning of species to promote flowering/berry production/retention (where appropriate);
- Training and tying of shrubs and climbers to walls / frames;
- Remove dead growth and trim herbaceous perennial plants, avoiding damage to any new shoots that have emerged;
- Remove any vandalised, unhealthy, dead or short-living plants (as soon as possible) and replace with plants of a similar size to those adjacent, during the next available planting season;
- Removal of ornamental plants that are losing aesthetic appeal and/or function;
- Maintain and replace frames, ties and guards;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth.

Ongoing Maintenance

Following initial establishment (and in addition to the tasks listed above) Contractors shall also undertake the following operations as necessary during years 2-12+ after planting:

- Heavy pruning of overgrown shrubs and climbers;
- The selective removal of shrubs and other plants from planting beds;
- Removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual plants;

Formal Hedgerow Planting

General Maintenance

Contractor shall undertake the following operations within the first 12 months after planting then throughout the life of the development:

- Hand weeding to maintain a 1m diameter weed free area around the base of hedgerow;
- Re-securing of the geotextile weed suppressant fabric with pegs (where applicable);
- Inspect and secure hedgerow support fencing until full hedge establishment;
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow release fertiliser around the base of hedgerow plants to ensure soil fertility is maintained at appropriate levels;
- Trimming to encourage sound bushy growth, avoid large bare areas at the base and to maintain an attractive, consistent and densely clipped form;
- Trimming to a height not exceeding 1.5m within swale areas and 1.2m where outside of swale areas;
- Remove any vandalised, unhealthy or dead plants and replace with plants of a similar size to those adjacent, during the next available planting season;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth;
- Remove redundant fencing once hedgerow is fully established; and
- Remove any litter and/or bulky debris to ensure tidiness;
Structure Planting

Woodland Understorey Planting

Establishment Maintenance

To ensure the successful establishment of woodland planting areas, Contractors shall undertake the following operations as necessary during the first 12 months after planting:

- Maintenance of a 1m diameter weed-free area around the base of each woodland shrub, through the application of a translocated herbicide;
- Spot treatment of pernicious weeds (e.g. brambles, etc);
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow-release fertiliser around the base of all woodland shrubs to ensure soil fertility is maintained at appropriate levels;
- Inspection, adjustment and maintenance of guards, stakes and ties;
- Re-firming of plants after strong winds, frost heave or other disturbances;
- Removal of any vandalised, unhealthy or dead shrubs and replacement with plants of a similar size to those adjacent, during the next available planting season;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth; and
- Mowing of underlying grassed areas to a height of 50mm, whenever parts of the sward achieve a height of 125mm.

Ongoing Maintenance

Following initial establishment (and in addition to the tasks listed above) Contractors shall also undertake the following operations as necessary during years 2-12+ after planting:

- Formative pruning to achieve optimum growth rates and maintain a good shape, clear of any vehicular or pedestrian circulation routes;
- Removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual plants;
- Cleaning out and deadwooding operations (as required);
- Thinning of planting to ensure a desirable woodland character (approximately every 10 to 15 years).

Woodland Specimens

Establishment Maintenance:

Contractors shall undertake the following operations as necessary during the first 12 months after planting, to ensure the satisfactory establishment and development of the woodland specimens:

- Clearance of any woodland shrub species within a 1m diameter of the base of each tree;
- Maintenance of a 1m diameter weed-free area around the base of all woodland specimens, through the application of a translocated herbicide;
- Spot treatment of pernicious weeds (e.g. brambles, etc);
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow-release fertiliser around the base of all woodland specimens to ensure soil fertility is maintained at appropriate levels;
- Inspection, adjustment and maintenance of guards, stakes and ties;
- Re-firming of plants after strong winds, frost heave or other disturbances;
- Removal of any vandalised, unhealthy or dead shrubs and replacement with plants of a similar size to those adjacent, during the next available planting season;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth; and
- Mowing of underlying grassed areas to a height of 50mm, whenever parts of the sward achieve a height of 125mm.

Ongoing Maintenance

Following initial establishment (and in addition to the tasks listed above) Contractors shall also undertake the following operations as necessary during years 2-12+ after planting:

- Formative pruning to achieve optimum growth rates and maintain a good shape, clear of any vehicular or pedestrian circulation routes;
- Removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual plants;
- Cleaning out and deadwooding operations (as required);
- Thinning of planting to ensure a desirable woodland character (approximately every 10 to 15 years);
- Formative pruning to achieve optimum growth rates and maintain a good shape, clear of any vehicular or pedestrian circulation routes;
- Cleaning out and deadwooding operations (as required); and
- Thinning of planting to ensure a desirable woodland character (approximately every 10 to 15 years).

Native Hedgerow Planting

General Maintenance

Contractor shall undertake the following operations within the first 12 months after planting and throughout the life of the development:

- Hand weeding to maintain a 1m diameter weed-free area around the base of hedgerow;
- Re-securing of the geotextile weed suppressant fabric with pegs (where applicable);
- Inspection and secure hedge support fences until full hedge establishment;
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow-release fertiliser around the base of hedgerow plants to ensure soil fertility is maintained at appropriate levels;
- Trimming to encourage sound bushy growth, avoid large bare areas at the base and maintain an attractive, consistent and densely clipped form;
- Trimming to a height not exceeding 1.8m where aligning infrastructure corridors and 2.5m in all other areas;
- Remove any vandalised, unhealthy or dead plants as soon as possible and replace with plants of a similar size to those adjacent, during the next available planting season;
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth;
- Remove redundant fencing once hedgerow is fully established; and
- Remove any litter and/or bulky debris to ensure tidiness;
Lagoon / Swale Planting

Establishment Maintenance:
Contractors shall undertake the following operations as necessary during the first 12 months after planting, to ensure the satisfactory establishment and development of the lagoon / swale shrub planting areas:

- Re-securing of the geotextile weed suppressant fabric with pegs;
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow release fertiliser around the base of plants to ensure soil fertility is maintained at appropriate levels;
- Inspection, adjustment and maintenance of guards, stakes and ties;
- Re-firming of plants after strong winds, frost heave or other disturbances;
- Remove any vandalised, unhealthy or dead shrubs and replacement with plants of a similar size to those adjacent, during the next available planting season; and
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth.

Ongoing Maintenance
Following initial establishment (and in addition to the tasks listed above) Contractors shall also undertake the following operations as necessary during years 2-12+ after planting:

- Formative pruning to achieve optimum growth rates and maintain a good shape;
- Removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual plants;
- Cleaning out and deadwooding operations (as required); and
- Thinning to ensure a desirable ‘dense brush’ character.

Lagoon / Swale Standard Trees

Establishment Maintenance
Contractors shall undertake the following operations as necessary during the first 24 months after planting, to ensure the satisfactory establishment and development of the lagoon / swale standard trees:

- Clearance of any shrub species within a 1m diameter of the base of each tree;
- Re-securing of the geotextile weed suppressant fabric with pegs;
- Treatment against pests and diseases with spraying and dusting;
- Application of a slow release fertiliser around the base of all trees to ensure soil fertility is maintained at appropriate levels;
- Inspection, adjustment and maintenance of guards, stakes and ties;
- Re-firming of plants after strong winds, frost heave or other disturbances;
- Remove any vandalised, unhealthy or dead trees and replacement with specimens of the same specification, during the next available planting season; and
- Watering of plants to ensure moisture levels are maintained appropriate for optimum growth.

Ongoing Maintenance
Following initial establishment (and in addition to the tasks listed above) Contractors shall also undertake the following operations as necessary during years 2-12+ after planting:

- Formative pruning to achieve optimum growth rates and maintain a good shape;
- Removal of redundant guards, stakes and ties at appropriate times to ensure the optimum health of individual plants;
- Cleaning out and deadwooding operations (as required); and
- Thinning to ensure a desirable ‘dense brush’ character.

Marginal / Aquatic Planting

Establishment Maintenance
Contractors shall undertake the following operations as necessary throughout the life of the development:

- Remove from site all rubbish and debris from the entire surface of the waterbody, including any partially submerged items;
- Remove from site all invasive weeds from waterbodies by handweeding (digging, forking, hoeing or pulling);
- Maintain clear of obstructive elements / vegetation all inlets and outlets;
- Annually remove (as required) silt from the base of water channels; and
- Remove any obstructive elements within the swales to ensure a desirable character.
Grassland

Mown Grass

Establishment Maintenance

Contractors shall undertake a 'first cut' once the grass has achieved an initial growth of 75mm. The sward shall be mown to a height of 40mm and the mower shall have no roller and be sufficiently sharp to avoid root pulling.

Ongoing Maintenance

Following initial establishment Contractors shall undertake the following operations as necessary throughout the life of the development:

- Mowing the established grass sward with a rotary machine to a height of 50mm, whenever the sward achieves a height exceeding 75mm;
- Edging off all paths and herb edges prior to the mowing season;
- Frequent trimming (or herbicide control) of areas where grass abuts structures such as fences or walls, and around trees and obstacles;
- Watering of areas, using a fine rose spray, to ensure moisture levels are maintained appropriate to develop healthy sward growth;
- Reinstatement and repair of damaged or worn areas including nuts, molehills, etc. (to maintain a healthy, vigorous sward, free from disease, fungal growth, discolouration, scorch or wilt); and
- Application of a selective herbicide, suitable for suppressing perennial weeds.

Wildflora & Damp Grassland

Establishment Maintenance

Contractors shall undertake a 'first cut' once the grass has achieved an initial growth of 75-100mm. The sward shall be mown to a height of 50mm and the mower shall have no roller and be sufficiently sharp to avoid root pulling.

Ongoing Maintenance

Following initial establishment Contractors shall undertake the following operations as necessary throughout the life of the development:

- 2no. cut per annum of wildflora areas. Mowing to be undertaken at the middle and end of each growing season and to a height of 50mm;
- 2no. cut per annum of grassland areas (or more if required in order to maintain a Manning coefficient of 0.075). Mowing to be undertaken at the middle and end of each growing season and to a height of 50mm;
- Removing arisings from all areas following each cut, to ensure nutrient levels are kept to a minimum;
- The annual control of undesirable herbaceous species through the sensitive modification of mowing regimes, hand pulling or weed wiping/spot spraying with herbicides;
- The cutting back at regular intervals (at least every 1-2 years) of any brambles or other noxious weeds which establish within these areas, and;
- The re-sowing, and where necessary resolution of any underlying problems, of areas where grass/flora swards fail to establish or die out.

Existing Vegetation

Existing Vegetation (to be retained)

General Maintenance

Existing vegetation shall be subject to a high level of protection and monitoring to ensure their health is maintained throughout the life of the development. Contractors shall (as required) undertake the following operations to existing trees to be retained:

- Selective pruning to ensure appropriate spacing in relation to screening requirements and the satisfactory development of the trees for their ecological value, without the trees becoming elongated as a result of overcrowding;
- Crown reduction, shaping, lifting and thinning (as required);
- Cleaning out and deadwooding operations (as required);
- Thinning to ensure a desirable woodland character (approximately every 10 to 15 years); and
- Remove from site any arisings which result from works to existing trees.

All maintenance activities shall be undertaken in accordance with BS3998 and be carefully monitored to eliminate undue stress. Contractors shall comply with the current Forestry and Arboriculture Safety & Training Council (FASTCO) recommendations in relation to all aspects of the arbicultural works.
## Maintenance Schedule

### Street Furniture

<table>
<thead>
<tr>
<th>Maintenance Requirements</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vascular checks for superficial damage</td>
<td>1-3*</td>
<td>Monthly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repairs to street furniture</td>
<td>1-3*</td>
<td>Monthly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paint to sub-base to rear</td>
<td>1-3*</td>
<td>Monthly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear breaks in play areas, kerbs, and tarmac</td>
<td>1-3*</td>
<td>Once per year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remove leaves and debris from paths, streets, and driveways</td>
<td>1-3*</td>
<td>Once per year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean concrete surfaces to rear</td>
<td>1-3*</td>
<td>Once per year</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Feature Planting

<table>
<thead>
<tr>
<th>General Maintenance Requirements</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stringing or training of trees against pests and diseases</td>
<td>2-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application of fertilizer to lawns</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning, treatment of lawns and hedges</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planting or transplanting of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watering of trees</td>
<td>2-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Semi-Mature, Extra Heavy Standard & Standard Foliage Trees

<table>
<thead>
<tr>
<th>Tree Plants</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning or trimming of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application of fertilizers to lawns</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Treatment of lawns and hedges</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Specimen Shrub, Ornamental Shrub and Groundcover Planting

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Formal Hedge Planting

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Structure Planting

<table>
<thead>
<tr>
<th>General Maintenance Requirements</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stringing or training of trees against pests and diseases</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application of fertilizer to lawns</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning, treatment of lawns and hedges</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planting or transplanting of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wounding of trees to ensure moisture levels are appropriate</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Woodland Understorey Planting

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Woodland Eco-Sensitive

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Native Invasive Planting

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Lagoon Swale Planting

<table>
<thead>
<tr>
<th>General Maintenance Requirements</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stringing or training of trees against pests and diseases</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application of fertilizer to lawns</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning, treatment of lawns and hedges</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wounding of trees to ensure moisture levels are appropriate</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Lagoon Swale Shrub Planting

<table>
<thead>
<tr>
<th>Shrub Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Lagoon Swale Standard Trees

<table>
<thead>
<tr>
<th>Standard Trees</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Mosaic / Aquatic Planting

<table>
<thead>
<tr>
<th>Planting</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Grassland

<table>
<thead>
<tr>
<th>General Maintenance Requirements</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stringing or training of trees against pests and diseases</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application of fertilizer to lawns</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning, treatment of lawns and hedges</td>
<td>1-3*</td>
<td>Annually</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wounding of trees to ensure moisture levels are appropriate</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Neem Grassland

<table>
<thead>
<tr>
<th>Grassland</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Existing Vegetation

<table>
<thead>
<tr>
<th>Vegetation</th>
<th>Jan</th>
<th>Apr</th>
<th>Jul</th>
<th>Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand watering of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spacing of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pruning of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removal of trees</td>
<td>1-3*</td>
<td>As required</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Appendix 3:
Structural Landscape Plans
Appendix 3: Structural Landscape Plans

PLANTING SCHEDULE

Existing Anatomical Trees
Installation above 5m on north out of 12m with moderate density.

Planting Schedule Trees

Proposed Orientation Planting Site 1

Proposed Orientation Planting Site 2

Proposed Orientation Planting Site 3

Proposed Orientation Planting Site 4

LEGEND

Structural

Subdivision of Structural Zones

Subdivision of Structural Landscapes

Demolished

Abandoned

Existing Vegetation (to be retained)

Wooded Sites

Subdivision

Existing

Proposed Planting

Subdivision of Plants (to be retained)

Wooden Site 1 - Existing Trees

Wooden Site 2 - Proposed New Trees

Wooden Site 3 - Proposed New Trees

Wooden Site 4 - Proposed New Trees

Wooden Site 5 - Proposed New Trees

Wooden Site 6 - Proposed New Trees

Existing Infrastructure (to be retained)

Poles/Spurs

Lavender/Calluna

Buildings

Buildings (Site 1)

Buildings (Site 2)


Paved Areas

Proposed Planting

Projected Open Area

GATE 001

GATE 002

GATE 003

DP World

(P&D Estates)

London Gateway

London Gateway Zone 1A & 1B

Planning Proposals

Site Location

1300/081 A1

25/03/07

PD

04 4391 04 002 E1

LACE PLANNING 01/04

Low dependence on the drawings for further details.
Appendix 3: Structural Landscape Plans

PLANTING SCHEDULE

Functional Trees

Proposed Woodland Planting Title 1 - trees by which distance is to be maintained

Proposed Woodland Planting Title 2 - trees by which distance is to be maintained

Tree Schedule

Additional Trees

Existing Trees

Continued below

Continued above
Appendix 4:
Structural Landscape Plan (West)
Appendix 5:
Terms of Reference for London Gateway Services Limited
Appendix 5
Terms of Reference for London Gateway Services Limited

Management Principles

The principle management aims of London Gateway Services Limited (LGSL) are to:

- achieve and consistently deliver a level of service and environment to occupiers that reflects a high quality value driven ethos;
- embrace the values of sustainable practices, relating to the environment, commercial objectives, social responsibilities, and the essential well-being of all personnel;
- maintain all elements for the long term benefit of the occupiers and their customers;
- seek continual improvement in the provision of services and management disciplines, bringing benefits to occupiers through the Park’s adjacency to London Gateway port;
- achieve a secure, safe and world class logistics facility that enjoys long term success.

Management Details

The logistics park Estate will be managed in two principal zones, recognising the development programme and the sharing of certain services and infrastructure facilities. In addition, a third zone will be formed by the private Main Access Road owned by the London Gateway Port Limited.

LGSL will employ managers, facility personnel and administration staff directly, with all services and supplies procured through a strict contract regime that mirrors the corporate disciplines of DP World.

Principle areas of management activity will encompass:

- Park wide occupier engagement, promoting appropriate park community activities, key stakeholder engagement, and providing an estate management forum;
- Company administration, asset management, financial accounting and budgets, and sinking fund management;
- Utility supplies and distribution;
- Water management and drainage;
- Waste and recycling;
- Community networked building and services management system integration and monitoring;
- Landscape and physical environment management;
- Security; hard, observation and preventative regimes;
- Regulatory and statutory compliance, including health and safety;
- Communications and IT, infrastructure and park community network;
- General fabric maintenance and repairs and planned lifecycle maintenance regimes;
- Traffic management, wayfinding and intelligent mapping, travel plan support and co-ordination;
- Specialist services as required.
The LGSL management team recognises the value and quality ambitions of the London Gateway Logistics Park. The team will embrace best practice approach, with the objective to achieve a world class ethos through its provision and co-ordination of management routines and practices.