

PART 3 – GENERAL TREE CARE

Appendix 10 - Proper Planting Practice - Provide Adequate Growing Space for Future Growth of Canopy

Appendix 11 - Proper Planting Practice - Provide Sufficient Growing Space between Trees and Adjacent Buildings / Structures

Appendix 12 - Proper Planting Practice - Keep Sufficient Space Clear of Vegetation at the Base of Trees

Appendix 13 - Proper Planting Practice – Do Not Plant Too Deep

Appendix 14 - Proper Planting Practice - Staking and Guying

PART 3 – GENERAL TREE CARE**3.4 PROVIDING ESTABLISHMENT MAINTENANCE**

For newly planted trees, appropriate establishment works have to be carried out by the landscape contractor for at least 12 months after tree planting.

N ^o	Checklist: Establishment Works
1	Prepare a maintenance schedule for establishment works.
2	Conduct periodic inspection.
3	Apply appropriate irrigation.
4	Maintain drainage system in good working order.
5	Conduct regular weeding and cleaning operations.
6	Adjust ties and supports as necessary.
7	Apply appropriate mulch around tree base to control weed growth, retain moisture and relieve soil compaction.
8	Undertake pest and disease control as necessary.
9	Replace dead / disease tree as necessary.
No.	Reference
1	Refer to “Proper Planting Practice - Staking and Guying” (www.greening.gov.hk/filemanager/content/images/tree_care/Staking_and_Guying_of_Trees_e.jpg) in Appendix 14.

PART 3 – GENERAL TREE CARE**3.5****REGULAR TREE MAINTENANCE**

Following establishment, a tree should continue to be maintained to ensure its long term health. Many tree failure incidents are the result of the lack of regular maintenance, poor tree maintenance practices and other malpractices in tree care.

Nº	Checklist: Regular Maintenance
1	Prepare an annual tree maintenance programme to include regular tree maintenance operation, routine tree inspection and tree risk assessment.
2	Follow guidelines and best practice to carry out regular tree maintenance properly to upkeep the trees in healthy and structurally sound conditions.
3	Undertake regular tree maintenance operation, such as proper watering, weeding, pruning, fertilising, mulching, staking, pest and disease control, soil aeration and amelioration, etc. by skilled workers and under supervision of Qualified Professionals.
Nº	References
1	Refer to “Management Guidelines for Mature Trees” (https://www.greening.gov.hk/filemanager/content/pdf/tree_care/Paper_Mature_Trees_(finalised_and_issued)_e.pdf) in Appendix 15.
2	Refer to “Management Guidelines for Stonewall Trees” (https://www.greening.gov.hk/filemanager/content/pdf/tree_care/Guilelines_for_stone_wall_trees_e.pdf) in Appendix 16.

PART 3 – GENERAL TREE CARE**3.6 PERFORMING GOOD TREE PRUNING PRACTICES**

Pruning is the most common maintenance operation in tree care. Improper tree pruning is detrimental to the appearance and healthy growth of trees and may result in irrecoverable damage to the structure of trees.

N ^o	Checklist: Quality Pruning
1	Undertake pruning with a clear purpose.
2	Prepare a pruning proposal that corresponds to the purpose.
3	Follow the pruning proposal to undertake pruning correctly and in line with best practice.
4	Undertake pruning by skilled workers and under supervision of Qualified Professionals.
5	Follow requirements stated in the “Lands Administration Office Practice Note No. 7/2007” or subsequent updated version to carry out emergency pruning work due to natural cause.

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Nº	References
1	“Guidelines on Tree Pruning” (www.greening.gov.hk/filemanager/content/pdf/tree_care/guideline_e.pdf) in Appendix 17.
2	“Do’s and Don’ts in Pruning (Factsheet)” (www.greening.gov.hk/filemanager/content/pdf/tree_care/factsheet_e.pdf) in Appendix 18.
3	“Do’s and Don’ts in Pruning (Leaflet)” (www.greening.gov.hk/filemanager/content/pdf/tree_care/leaflet.pdf) in Appendix 19.

Appendix 15 - Management Guidelines for Mature Trees**Appendix 16 - Management Guidelines for Stonewall Trees****Appendix 17 - Guidelines on Tree Pruning****Appendix 18 - Do’s and Don’ts in Pruning (Factsheet)****Appendix 19 - Do’s and Don’ts in Pruning (Leaflet)**

PART 3 – GENERAL TREE CARE**3.7 PEST AND DISEASE CONTROL**

Pests are organisms which adversely affect tree health, structure and appearance resulting in damage. Integrated Pest Management (IPM) approach combining both preventive and control tactics should be considered to control pest and disease.

Nº	Checklist: IPM Strategy
1	Understand the nature of the pest / disease.
2	Avoid harmful effects of treatment on non-target organisms.
3	Minimise impact on tree health.
4	Cause minimal disturbance to environment.
5	Understand characteristics and maintenance requirements of trees.
6	Perform good maintenance practices to minimise plant health problems.
7	Apply registered pesticides in accordance with all safety instructions.

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Attention should be particularly drawn to the pests or fungal disease which may affect the tree structural stability. In Hong Kong, termites and Brown Root Rot (BRR) disease are the two of the significant pest and fungal disease that impact on our trees.

Nº	Termites
1	An indicator of wood decay.
2	Some species actively consume wood and can cause significant impact to structural stability.
3	Engage pest control professional to treat the infestation promptly.

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N°	Brown Root Rot (BRR) Disease
1	Prevalent in tropical and subtropical areas.
2	Highly pathogenic and infectious.
3	No direct remedy for BRR infected trees.
4	Cause rapid root decay and may lead to tree collapse.
5	Early detection of BRR signs and symptoms can help to control the disease through timely removal of the infected trees.
N°	References
1	<p>“Manual on the Management of Brown Root Rot Disease” https://www.greening.gov.hk/filemanager/content/pdf/knowledge_database/Manual-on-the-Management-of-Brown-Root-Rot-Disease.pdf in Appendix 20.</p>
2	<p>“Note on Common Wood Decay Fungi on Urban Trees of Hong Kong” https://www.greening.gov.hk/filemanager/content/pdf/tree_care/Note_on_Common_Wood_Decay_Fungi_on_Urban_Trees_of_HK(May2015)_e.pdf in Appendix 21.</p>

Appendix 20 - Manual on the Management of Brown Root Rot Disease

Appendix 21 - Note on Common Wood Decay Fungi on Urban Trees of Hong Kong

PART 3 – GENERAL TREE CARE**3.8****TREE PROTECTION**

During development or improvement works, construction activities can cause serious impacts to trees.

N ^o	Checklist: Tree Protection Work
1	Plan in advance for tree protection before works.
2	Follow guidelines in design of tree protection zone.
3	Erect protection fence to prevent physical damage to trees, including canopy, trunk and roots.
4	Perform regular inspection on tree protection works.
N ^o	References
1	“Guidelines on Tree Preservation during Development” (www.greening.gov.hk/filemanager/content/pdf/tree_care/Guidelines_on_Tree_Preservation_during_Development_e.pdf) in Appendix 22.
2	“Design for Tree Protection Zone” (www.greening.gov.hk/filemanager/content/images/tree_care/Design_for_Tree_Protection_Zone_e.jpg) in Appendix 23.
3	“Guideline on Pavement Renovation Works and Tree Stability” (www.greening.gov.hk/filemanager/content/pdf/tree_care/Guideline_on_Pavement_Renovation_Works_and_Tree_Stability_e.pdf) in Appendix 24.

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Appendix 22 - Guidelines on Tree Preservation during Development

Appendix 23 - Design for Tree Protection Zone

Appendix 24 - Guideline on Pavement Renovation Works and Tree Stability

PART 3 – GENERAL TREE CARE**3.9 MAINTENANCE RECORDS**

All inspection and maintenance records, including maintaining record of emergency tree removal or pruning works, and all record of consent granted by LandsD for tree removal or pruning works, have to be documented properly.

Nº	Purpose
1	<ul style="list-style-type: none"> ▪ Facilitate the monitoring of tree condition. ▪ Assess the effectiveness of treatment. ▪ Decide alternative follow up measures. ▪ Demonstrate Tree Owners have taken reasonable care in proper tree management.

Nº	Checklist: Maintenance Record
1	Date of operation.
2	Person responsible for the works.
3	Relevant tree information.
4	Operation details.
5	Photographic records showing the trees before and after treatment.

Appendix 25 - Sample of Tree Maintenance Record