### Pictorial Guide for Tree Maintenance to Reduce Tree Risks 減低樹木風險的樹木護養簡易圖解

Please take immediate action when any of the following situations is identified. 如樹木有以下狀況,請從速處理。

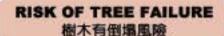
General Condition

#### Leaning Tree 傾斜樹木

Leaning tree with horizontal cracks in the upper (tension) side and/or buckling wood or bark on the lower (compression) side.

傾斜樹木背後的拉緊位置出現橫向 裂縫,而在擠壓位置出現樹皮皺起 的情況。

Leaning tree (30° to 40°) with soil cracks in the soil surface. 傾斜樹木 (角度達30至40度) 及背後的土壤出現裂縫





### Recommendation

Recommend to add support system or may need to remove the tree

> 建議加設支撐系統或 無考慮移除樹木

# Crown Condition

### Dieback Twigs 樹枝枯死

Dieback twigs on tree crown 樹冠頂上的樹枝枯死



### Recommendation

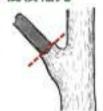
Pruning 適當修枝

May need to investigate if roots have been damaged or diseased

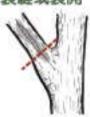
無檢查樹根是否受損

# **Branch Condition**

**Dead Branch** 樹枝枯死



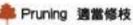
Crack/Split 裂縫或裂開



Hanger 懸吊斷枝



#### Recommendation



recommended position of final pruning cut 建議修枝位置

### Trunk Condition

V-shaped Crotch with Cracks/Split V型樹松有裂縫或裂開

The stem is split by one or more cracks 枝幹沿著裂縫斷開



A weak union with crack(s) and / decay 接合點出現裂



### Recommendation

Recommend to add support system or may need to remove the tree

建議加設支撐系統 或需考慮移除樹木

**Development Bureau** 

**RISK OF TREE FAILURE** 樹木有倒場風險

#### Wood Decay and Cavity 腐爛/樹洞

Wood decay/cavity at basal area /root

樹腳/或根部上有 明顯腐爛或樹洞



Open cavity decay more than 30% of cross-section or open more than 120° 的西海绵的模切面多遇30%就 樹潤製開角度多於120"

#### Recommendation

Recommend to add support system or may need to consider tree removal

> 建議加設支撐架或可 能需要考慮移除樹木

#### **RISK OF TREE FAILURE**

樹木有倒塌風險

## Root Condition

#### Severely cut/damaged roots 根部被嚴重切割或損害

Recommendation



RISK OF TREE FAILURE

樹木有倒塌風險

Recommend to add support system and monitor the stability and health condition of the tree

建議加股支撑架及監 察樹木的穩固狀況和 健康狀況

#### **Fungal fruiting bodies**

呈現菌類子實體



### Recommendation

More detailed investigation of extent of decay is required

> 需要對离攤狀況作 更詳盡檢查

### ATTENTION



Topping creates more dangerous trees because: 削頂會令樹木變得危險,因為:

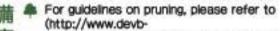
"Sprouts" after topping are weakly attached and are likely to break 樹木削頂後所長出的水橫枝接合脆弱,容易折斷

Topping wounds are prone to insect and disease attack 削頂的傷口容易受病蟲害侵襲

Topping cuts invite decay in trees

削頂的切口使樹木腐爛

#### Note



wb.gov.hk/greening/en/preservation/guidelines.pdf). 續瀏覽以下網址的「修剪樹木的一般指引」: (http://www.devb-

wb.gov.hk/greening/tc/preservation/guidelines.pdf) •

The information in this leaflet is for general reference only. For assessment of specific conditions of trees, specialist advice from reputable contractors/specialist is recommended.

本單張/小冊子資料僅供一般參考。如無詳細檢查個別樹 木,應向可靠承辦商或相關專業人士尋求意見。

#### Reference

[1] Harris R.W., Clark J.R. and Matheny N.P., "Arboriculture: Integrated Management of Landscape Trees, Shrubs, and Vines", 4th Edition, Prentice Hall, 2003.

[2] Hayes E., "Evaluating Tree Defects", 2nd Edition, Safetrees, 2005.

[3] Lilly S.J., "Arborists' Certification Study Guide" . International Society of Arboriculture, USA, 2001. [4] Matheny N.P. and Clark J.R., "A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas" . international Society of Arboriculture, USA, 1993. [5] Mattheck C. & Breloer H., "The Body Language of Trees: A Handbook for Failure Analysis (Research for Amenity Trees)", Stationery Office Books, 1995.

線化·國境及樹木管理組

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Please take immediate action when any of the following situations is identified. 如樹木有以下狀況」請從速處理。

# **General Condition**

本狀況

Leaning Tree 傾斜樹木







Crown Condition

Dieback Twigs 樹枝枯死 冠狀況





Pest problem 病蟲害



Trunk Condition

V-shaped Crotch with Cracks/Split V型樹椏有裂縫或裂開



Cavity at basal area 根部上有樹洞





**Wood Decay and Cavity** 

腐爛/樹洞

**Root Condition** 

Severely cut/damaged roots 根部被嚴重切割或損害





**Fungal fruiting bodies** 呈現菌類子實體

