

ROYAL EXHIBITION BUILDING

PARTERRES

PARTERRES

HOCHGÜRTEL FOUNTAIN

NORTH-EAST LAKE

PARTERRE

Replant with open Eucalypt species as per historic images

New Avenue Trees: *Ulmus procera*

- New Avenue Trees: *Brachychiton discolor*
- Plant in pairs at 11m spacing
 - Plant at 9.5m spacing across the path
 - Plant 1-2m offset to south-east from existing plantings

SOUTH-WEST LAKE

New Avenue Trees: *Quercus canariensis*

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New Avenue Trees: *Quercus canariensis*

VICTORIA PARADE

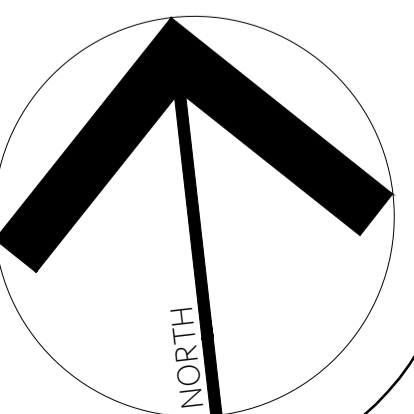
RATHDOWNE STREET

NICHOLSON STREET

Carlton Gardens Tree Replacement Strategy

9 - PROPOSED AVENUE AND SPECIMEN TREES
CARLTON GARDENS SOUTH

Scale 1:500 @ A1 / 1:1000 @ A3



LEGEND

	AVENUES PROPOSED TREES REPLANT AS SPECIFIED		SPECIMENS PROPOSED TREES REPLANT FROM LIST A AND AS SPECIFIED
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CARLTON STREET

CURATOR'S LODGE

New Avenue Trees: *Quercus castaneifolia*

- New Avenue Trees: *Flindersia australis*
- Plant in pairs at approximately 13m spacing
 - Plant at 8.5m spacing across the path
 - Plant 1-2m offset to north-east from existing plantings

TENNIS COURTS

NICHOLSON STREET

RATHDOWNE STREET

PLAYGROUND

BASKETBALL COURT

MELBOURNE MUSEUM

- New Avenue Trees: *Eucalyptus cinerea ssp. cinerea*
- Plant in pairs at approximately 13m spacing
 - Plant at 8.5m spacing across the path
 - Plant 1-2m offset to south-west from existing plantings

Extent of Works

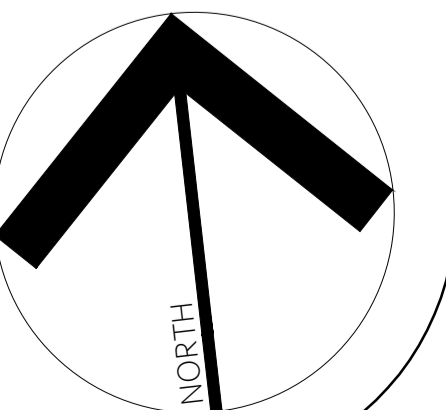
Extent of Works

LEGEND		
	AVENUES PROPOSED TREES REPLANT AS SPECIFIED	
		
	SPECIMENS PROPOSED TREES REPLANT FROM LIST A AND AS SPECIFIED	
		SPECIMENS PROPOSED TREES REPLANT FROM LIST B AND AS SPECIFIED

Carlton Gardens Tree Replacement Strategy

10 - PROPOSED AVENUE AND SPECIMEN TREES
CARLTON GARDENS NORTH

Scale 1:500 @ A1 / 1:1000 @ A3



ROYAL EXHIBITION BUILDING

PARTERRES

PARTERRES

HOCHGÜRTEL FOUNTAIN

NORTH-EAST LAKE

PARTERRE

SOUTH-WEST LAKE

RATHDOWNE STREET

NICHOLSON STREET

VICTORIA PARADE

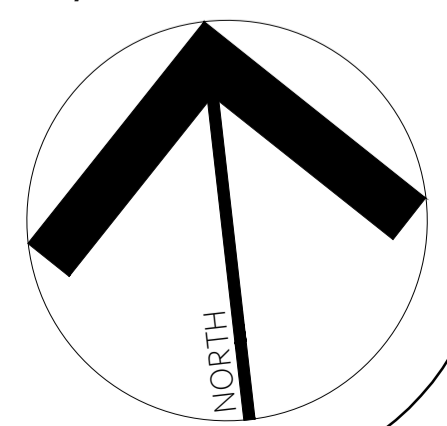
Carlton Gardens Tree Replacement Strategy

15 - PROPOSED GARDEN BEDS - CARLTON GARDENS SOUTH Scale 1:500 @ A1 / 1:1000 @ A3

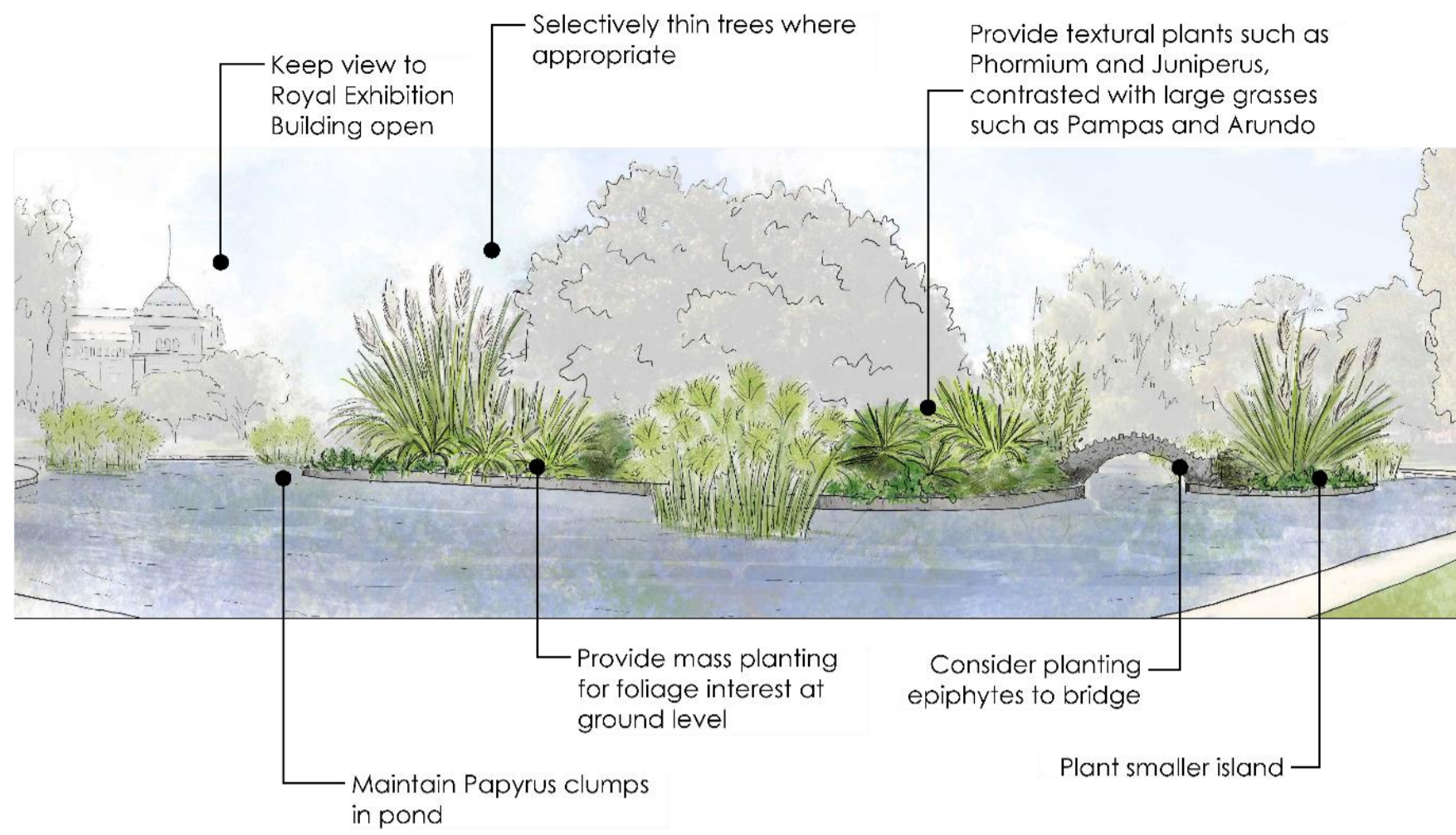


LEGEND

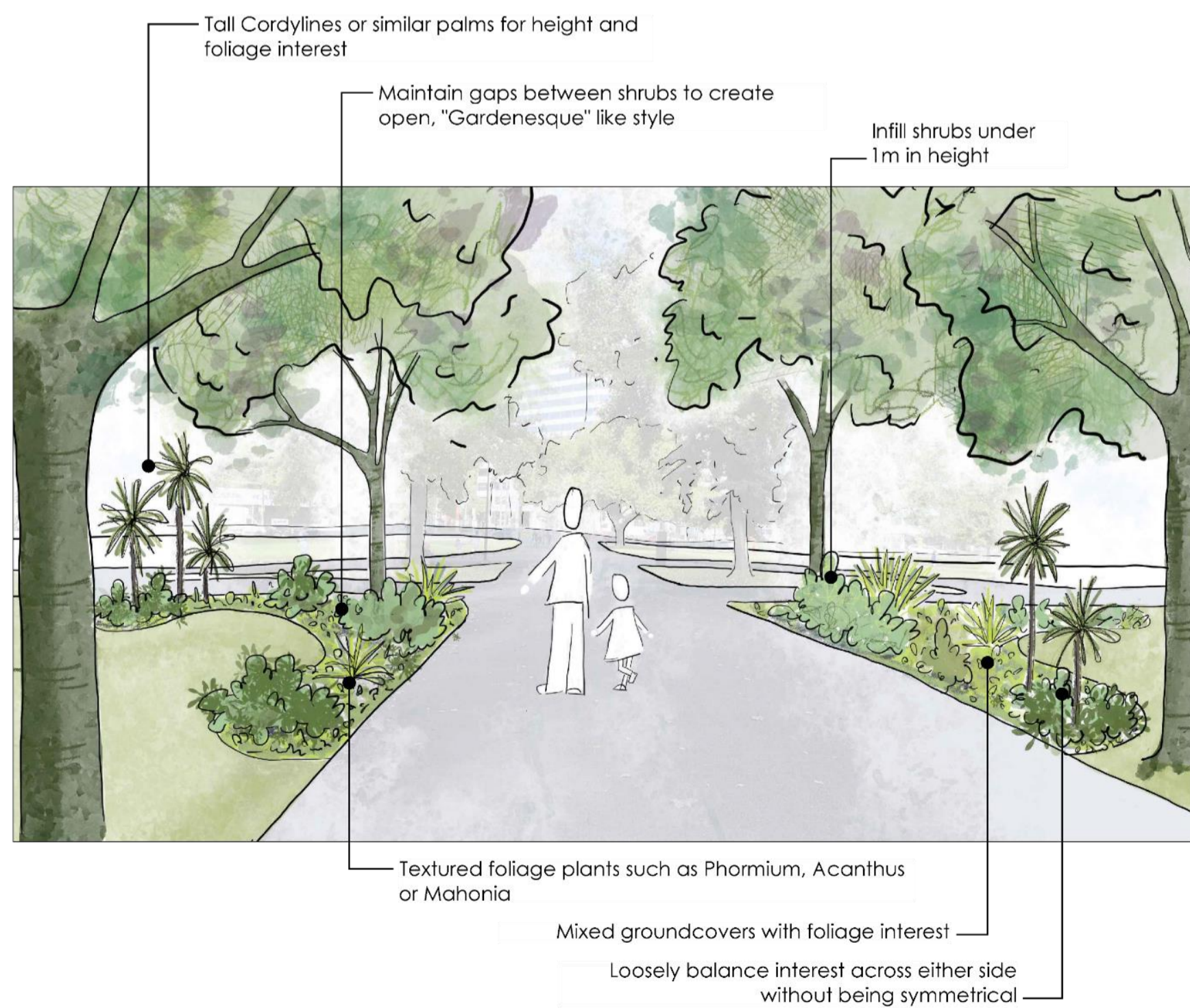
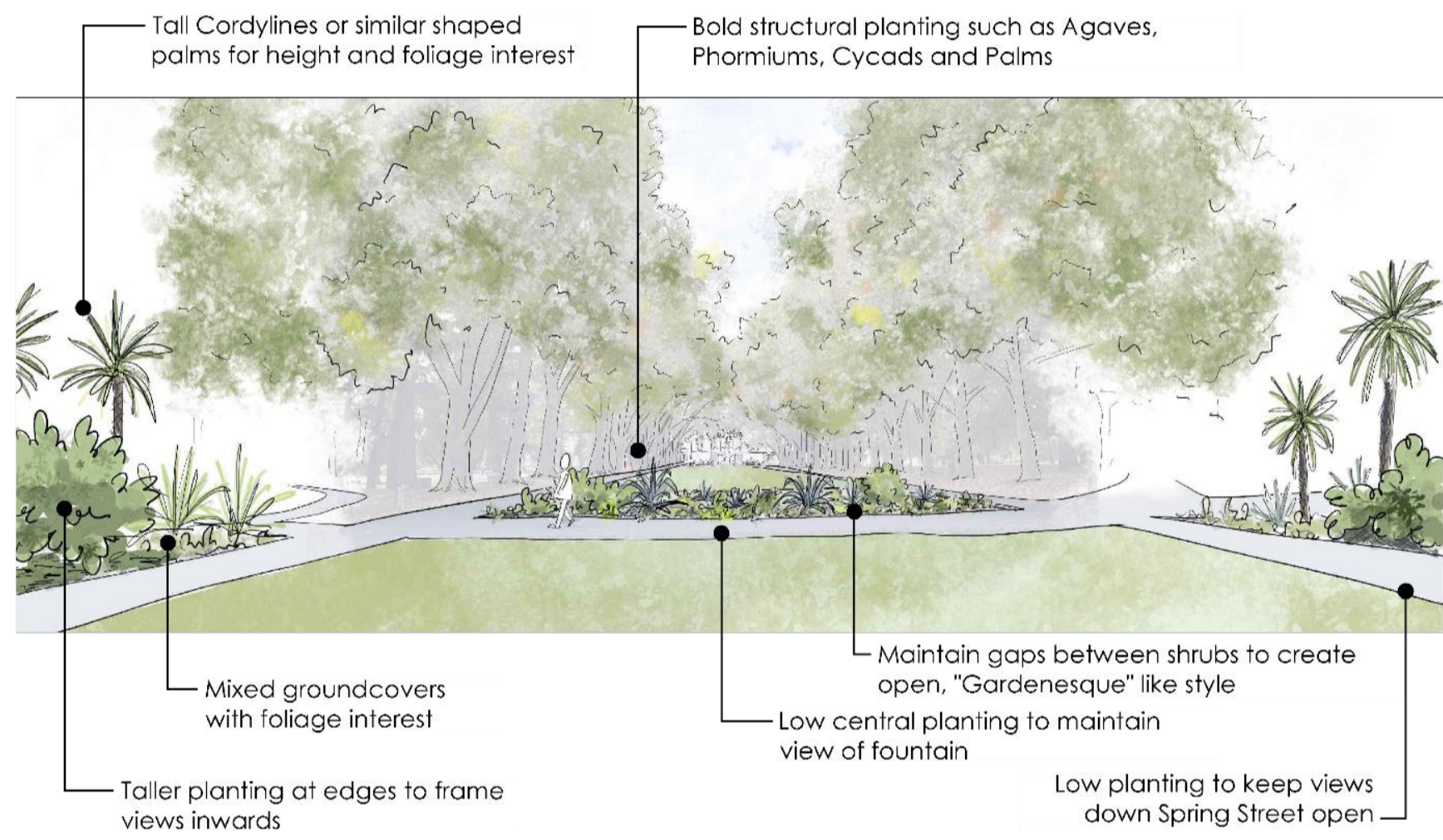
- EXISTING GARDEN BED
- PROPOSED GARDEN BED



North-Eastern Lake



Entrance and framing beds



Select plants based on historical precedent, micro-climate suitability and to recreate the loose, structural planting design of the Sangster era. Planting design should be laid out in accordance with the sketches provided and the following principals:

- Plant selection to generally follow that provided in List D modified to availability and the design requirements of individual locations. These plants were all available in Melbourne nursery catalogues in the 1870s – 1890s, allowing for some interpretation of changing plant names and cultivar use. Plants labelled with an # were not in the catalogue list but have the correct aesthetic and were potentially available at the time
- Provide interest and drama through the inclusion of bold foliage plants such as Cordylines, Tree Ferns, Small Palms, New Zealand Flax, Pampas and Bamboo. Taxa marked with an * provide this textural contrast
- Maintain gaps between shrubs to create an open, Gardenesque like planting style and fill these with low groundcovers
- Ensure planting is loose and not too structured. It will be important to be less structured in the design and shy away from contemporary inclinations to create mass plantings. Species diversity will be important
- Use taller plants to frame views and create focal points
- Provide a balanced approach to symmetry across pathways – where planting is not a pure reflection, but is even in its mass and visual interest

¹ Garden Plan Conservation Association of Australia (2009), *Plants Listed in Nursery Catalogues in Victoria 1855 to 1889*

List A: Garden Bed Plantings for Carlton Gardens South

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|--|---|
| <ul style="list-style-type: none"> Aechmea fasciata # Aeonium arborescens 'Helichysum' Agave americana 'Variegata' * Agave parryi * Arthropodium cirratum Asplenium nidus * Aucuba japonica Billbergia nutans Cordyline australis * Correa pulchella Cortaderia sp. * Cotyledon orbiculata (grey leaved form) Doodia aspera Dracaena draco * Drepanostachyum falcatum Echeveria imbricata Fatsia japonica * Juniperus horizontalis | <ul style="list-style-type: none"> Mahonia aquifolium Mahonia bealei Melianthus major Pachysandra terminalis Phoenix roebelenii # * Phormium cookianum * Phragmites australis * Pittosporum tobira Pteris umbrosa Plectranthus ecklonii Rhaphiolepis indica Ruscus hypoglossum # Tetrapanax papyrifera * Tradescantia andersoniana group Vinca minor Yucca gloriosa * |
|--|---|

List A: Specimen Trees for Carlton Gardens South and Carlton Gardens North

- | | |
|--|---|
| <ul style="list-style-type: none"> Agathis robusta Albizia julibrissin Angophora floribunda Araucaria bidwillii Araucaria cunninghamii Araucaria heterophylla Archontophoenix cunninghamiana Castanospermum australe Corymbia calophylla Corymbia citriodora Corymbia maculata Erythrina crista-galli Ficus macrophylla Ficus platypoda Ficus rubiginosa Grevillea robusta Harpephyllum caffrum Liquidambar formosa Lophostemon confertus | <ul style="list-style-type: none"> Magnolia grandiflora Melaleuca styphelioides Melia azedarach Phoenix canariensis Pinus canariensis Pinus patula Pinus pinea Quercus canariensis Quercus canariensis x robur Quercus castaneifolia Schinus molle Stenocarpus sinuatus Syzygium floribundum Syzygium paniculatum Syzygium smithii Taxodium distichum Taxodium mucronatum Washingtonia filifera |
|--|---|

List B: Specimen Trees for use around Playground in Carlton Gardens North

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|--|--|
| <ul style="list-style-type: none"> Acer palmatum Albizia julibrissin* Ceiba insignis Ceratonia siliqua Corymbia calophylla Ficus platypoda | <ul style="list-style-type: none"> Harpephyllum caffrum Jacaranda mimosifolia Lagerstroemia indica Liquidambar formosana Magnolia grandiflora Quercus acutissima Syzygium luehmannii Taxodium mucronatum |
|--|--|

List C: Elms suitable for use in Carlton Gardens avenues

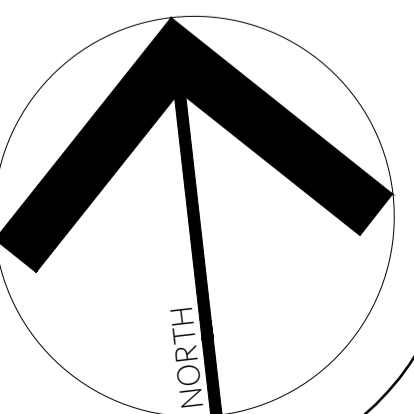
- Ulmus minor¹
- Ulmus procera
- Ulmus x hollandica

¹ Note, Ulmus is in the process of taxonomic revision. For clarity, the names used in this report reflect those currently used in Victoria's nursery and landscape industry, rather than the current taxonomy which is not yet widely understood.

Carlton Gardens Tree Replacement Strategy

PROPOSAL SUMMARY FOR HERITAGE PERMIT

Refer to full document for details



6 Action Plan

The following is a prioritised list of works recommended in this document. The Plan expresses a long-term vision for the Gardens, and works will need to be staged. Works are generally prioritised based on the following considerations:

- Critical replacement priorities due to trees approaching end of life
- Planning works required to allow other projects to proceed (e.g. contract growing stock)
- Works which are relatively simple to implement from a cost or infrastructure perspective
- Projects that provide the greatest community benefit

This list of priorities will be subject to change, especially if unexpected opportunities arise, allowing the fast tracking of particular projects. Projects are listed in general order of priority.

Item	Planning Document	Short Term (2024-25)	Medium Term (2026-28)	Long Term (2029-34)
TREE REPLANTING				
Action 25: Apply to Heritage Victoria for a permit for tree removal and replanting works for the next 10 years	✓			
Action 2: Continue to work with Traditional Owner groups in the management of the two heritage <i>Ficus macrophylla</i>	✓			
Action 4: Regularly assess the trees and schedule and implement recommended maintenance works, including pre-emptive pest control and irrigation		ongoing		
Action 8: Plant replacement specimen trees in Carlton Gardens South. Planting to be staged based on removal time frames of surrounding trees		ongoing		
Action 9: Plant replacement specimen trees in Carlton Gardens North. Planting to be staged based on removal time frames of surrounding trees		ongoing		
Action 3: Relandscape around the <i>Ficus macrophylla</i> of significance to the Traditional Owners to improve their health and growing conditions		✓		
Action 6: Assess the existing <i>Quercus robur</i> in Avenue 3 and replace younger trees which are under-performing with <i>Quercus canariensis</i>		✓		
Action 10: Plant new shade trees around the Playground in Carlton Gardens North. Planting can take place immediately		✓		

Item	Planning Document	Short Term (2024-25)	Medium Term (2026-28)	Long Term (2029-34)
Action 11: Infill plant gap in Avenue 4		✓		
Action 12: Remove young <i>Quercus robur</i> replacement plantings in Avenue 10 and replace with <i>Quercus castaneifolia</i>		✓		
Action 1: Assess all trees of Primary and Outstanding significance within Carlton Gardens to identify all trees with a life expectancy of under 20 years and commence active replacement planning for these trees			✓	
Action 5: Remove and replace failing <i>Populus alba</i> trees in Avenue 6 with <i>Brachychiton discolor</i>			✓	
Action 7: Remove and replace failing <i>Populus alba</i> trees in Avenue 9 with <i>Flindersia australis</i> to the north of Avenue 11 and <i>Eucalyptus cinerea</i> ssp. <i>cinerea</i> south of Avenue 11.			✓	
CARLTON GARDENS SOUTH GARDEN BEDS				
Action 25: Apply to Heritage Victoria for a permit for tree removal and replanting works for the next 10 years	✓			
Action 13: Include irrigation to new garden beds as part of a future upgrade to the Carlton Gardens South irrigation.	✓			
Action 14: Create new garden beds on the southern bank of the south-west lake		✓		
Action 17: Create a new garden bed near the north-east lake and parallel to Avenue 7		✓		
Action 22: Create new garden beds at the Rathdowne Street and Victoria Parade entrances to frame Avenue 4		✓		
Action 21: Create new garden beds at the Nicholson Street and Victoria Parade entrance to frame Avenue 6. This should happen at the same time as the replacement of the Avenue 6 trees.			✓	
Action 16: Create a new garden beds framing the south-west lake along Avenues 3 and 5			✓	
Action 18: Rework planting on the islands of the north-east lake to add structure and foliage interest			✓	

Item	Planning Document	Short Term (2024-25)	Medium Term (2026-28)	Long Term (2029-34)
Action 20: Create new garden beds framing the Grand Alleé at both the Victoria Parade and Hochgürtel Fountain ends			✓	
Action 23: Rework existing planting at the Rathdowne Street and Victoria Parade entrance to match new gardenesque style planting elsewhere			✓	
Action 15: Create new garden beds near the south-west lake at the junction of Avenues 4 and 5				✓
Action 19: Create new garden beds at the junction of Avenues 6 and 7				✓
Action 26: Review the plan in 10 years time (2034)				✓