INTRODUCTION

Background

Graceville Memorial Park (D300) is a historic sports and general recreation park situated between the Brisbane-Ipswich Railway Line and Oxley Road in the suburb of Graceville. The park is included in both the Brisbane Heritage Register and the Queensland Heritage Register (QHR 602443). A large part of the park's heritage significance is attributed to the historic avenues of trees. These avenues are the subject of this tree management plan.

Objective

Over time trees within Graceville Memorial Park have died, trees have been replaced, not necessarily in the correct location or using the correct species. In addition, a number of weed species have self seeded obscuring historic avenues. The purpose of this tree management plan is to help guide Council in the restoration of the significant avenues in Graceville Memorial Park to help conserve the heritage values of the park for future generations.

Methodology

This tree management plan has been prepared in accordance with the principles of the ICOMOS Burra Charter. It has involved an analysis of all of the reference documents listed below and a thorough site investigation. It has entailed identifying trees that contribute to the value of historic avenues, trees that detract from the significance of historic avenues and trees that while may contribute to the avenues are in a state of decline. Recommendations on tree removals, tree replacements and new tree plantings were based on these findings.

References

- The Tree Doctor, 2019, Tree Survey & Health Assessment City Design, Graceville Memorial Park - Consultation Ideas Plan, 2004
- A cadastral survey prepared for the above project provides tree planting locations in 2004.
- Queensland Heritage Register (QHR 602443) citation.
- 2002, Graceville Memorial Park, Graceville, Conservation Management Study Site Report.
- Catherine Brouwer Landscape Architect, 1996, Graceville Memorial Park Conservation Study.
- 1961 (24.1.61), BCC, Department of Parks, Existing Layout.
- 1963 (30.5.63), BCC Department of Parks (Harry Oakman) Proposed Improvements, Graceville Memorial Park.
- Newspaper article: Brisbane Courier, 15th September 1904.
- Qlmagery aerials 1936, 1946, 1951, 1955, 1959, 1960, 1964, 1969, 1970, 1974, 1975, 1980, 1981, 1992, 1999.

History

A detailed history of Graceville Memorial Park is outlined in the above reference documents, particularly the Queensland Heritage Register (QHR 602443) citation. In terms of the history of tree planting in the park a couple of stages are of note.

Firstly, one of the first improvements carried out by the Graceville Recreation Reserve Committee when the Graceville Recreation Reserve was first gazetted in 1904 was the planting of shade trees all around the reserve.

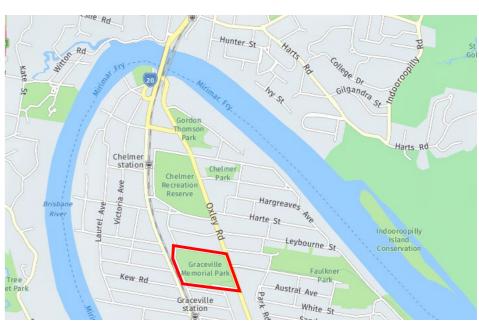
Secondly, the Sherwood Shire War Memorial was erected in the park after the First World War in 1920 and at the same time 52 memorial trees were planted in memory of fallen soldiers - 51 soldiers and one nursing sister listed in Sherwood Shire's fallen. It is unclear which tree plantings these were. The 1936 aerial shows an avenue of Cabbage Palms planted either side of a drive from Oxley Road to the memorial and a line of trees along the Oxley Road frontage. By 1946 the addition of Bunya pines set in a single row along Plumridge Street and Appel Street (then called Graceville Parade) is apparent along with a single line of figs and camphor laurels continuing west from the memorial towards Appel Street.

The Bunya pines were later interspersed with Cotton Trees and the Memorial Avenue was later interspersed with Bauhinias. Two Chinese Elms near the avenue are thought to have self seeded.



Memorial Avenue (July 2020)

Location Plan



Location Plan. Not to scale

Sheet list

- Sheet 1 Introduction
- Sheet 2 Heritage Significance
- Sheet 3 Existing Trees Tree Survey Legend
- Sheet 4 Existing Trees Tree Survey Plan
- Sheet 5 Existing Trees Tree Survey Table
- Sheet 6 Proposed tree removals and replacements plan
- Sheet 7 Proposed tree removals and replacements schedule
- Sheet 8 Tree Planting Plan
- Sheet 9 Tree Planting List



HERITAGE SIGNIFICANCE

Historic aerial photos



1936 Aerial photo



1946 Aerial photo

Statement of significance

The following statement of heritage significance for Graceville Memoiral Park was taken from the Queensland Heritage Register.

Criterion A

The place is important in demonstrating the evolution or pattern of Queensland's history.

Surviving as a highly visible remnant of the development of the Graceville district, the use of the park for team sports from the 1890s to the present demonstrates the interest in health-promoting recreation that occurred in Queensland from the late 1880s onwards. Reflecting the proliferation of recreational sport clubs that occurred during post-war suburban development, a croquet club was established in the park in 1919, and cricket and tennis facilities were operational by 1924. The Brisbane City Council's expenditure on a cricket grandstand during the Depression demonstrates the continued importance of sport to Queenslanders during the 1930s. The decade after the First World War witnessed demonstrations of grief for those who had died. Graceville Memorial Park's War Memorial, with its linked memorial avenue, and rows of memorial bunya and cottonwood trees along Appel and Plumridge Streets, demonstrates the process of grieving that was occurring across Australia in 1920 and is symbolic of both civic mourning and national pride.

Criterion B

The place demonstrates rare, uncommon or endangered aspects of Queensland's cultural heritage.

Graceville Memorial Park has features that are now uncommon within a suburban park, such as the handsome and substantial Interwar grandstand and the extensive formal plantings of memorial bunya trees.

Criterion D

The place is important in demonstrating the principal characteristics of a particular class of cultural places.

Graceville Memorial Park is important in demonstrating the principal characteristics of its class, having open recreational space, sports facilities, clubhouses and a grandstand within a park whose focal point is a War Memorial and which is bordered by memorial plantings.

Criterion I

The place is important because of its aesthetic significance. As a large open space with fine mature trees, the park has landmark value. The memorial avenue of trees delineates the ceremonial approach to the War Memorial and effectively marks the park's southern border. The cottonwood and bunya arrangement is also striking in its contrast of alternating size and shape. A well-designed and substantial cricket grandstand enhances the aesthetic values of the park and is a fine example of the work of the Brisbane City Architect's Office in the 1930s.

Criterion G

The place has a strong or special association with a particular community or cultural group for social, cultural or spiritual reasons. The war memorial in the park has a strong and continuing association with the wider community as evidence of the impact of a major historic event and as the focal point for the remembrance of that event. The park is also important to the local area as a venue for sport and recreation for several generations, having a long-standing association with the Graceville Croquet Club and Western Suburbs District Cricket Club.



View towards historic grandstand (June 2020)



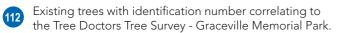
View of former playground with Memorial Avenue in the background (1964) BCC-B54-21980



EXISTING TREES - TREE SURVEY LEGEND

This sheet is to be read in conjunction with Sheet 4 - Existing Trees - Tree Survey Plan and Sheet 5 Existing Trees - Tree Survey Table. The tree survey is based on the 2019 Tree Survey - Graceville Memorial Park prepared by The Tree Doctor for Council.

Legend



	SPECIES	COMMON
Ara	Araucaria bidwilli	Bunya Pine
Bau	Bauhinia x blakeana	Hong Kong Orchid tree
Cel	Celtis sinensis	Chinese Elm
Cin	Cinnamonum camphora	Camphor Laurel
Cup	Cupaniopsis anacardodes	Tuckeroo
Euc	Eucalyptus tereticornus	Forest Red Gum
	Ficus hillii	Hill's Weeping Fig
Fic	Ficus macrophylla	Moreton Bay Fig
	Ficus obliqua	Small Leaf Fig
	Ficus virens	White Fig
Fli	Flindersia australis	Crow's Ash
Hib	Hibiscus tiliaceus	Cottonwood
Jac	Jacaranda mimosifolia	Jacaranda
Koe	Koelreuteria paniculata	Golden Rain Tree
	Livistona australis	Cabbage Palm
Liv	Livistona nitida	Western Cabbage Palm
	Livistona decipiens	Weeping Cabbage Palm
Lop	Lophostemon confertus	Brush Box
Mac	Macadamia integrifolia	Macadamia Nut
Mel	Melaleuca leucadendra	Weeping Paperbark
	Melaleuca saligna	Paperbark
Sch	Schotia brachypetala	Parot Tree

Historic avenues

AVENUE 1 - Oxley Road

The line of trees fronting Oxley Road, along with the Memorial Avenue, were the first trees planted in Graceville Memorial Park, as illustrated by the 1936 aerial photo. The line of trees appears to be alternating fig and palm trees (with a couple of more recently planted exceptions). This is a combination that was also used along the road frontage at Toowong Memorial Park, a park that was established around the same time and also includes a memorial avenue of palms. This line of trees contributes to the heritage signfiance of Graceville Memorial Park. It is recommended that Council work towards reinstating the pattern of palm and fig trees by removing a couple of trees and filling in gaps.

AVENUE 2 - World War 1 Memorial Avenue

This avenue of trees consists of a double row of Cabbage Palms interspersed with Bauhinias. The Cabbage Palms were amongst the first trees planted in the park and were planted around 1920 when the War Memorial was also built. They are highly significant. The Bauhinias were a later addition possibly planted in the late 1970s.

AVENUE 3 - Southern boundary figs

This line of trees consists of alternating Fig and Camphor laurel trees. The tree closest to the War Memorial (a Camphor Laurel) appears to have been planted before 1936. The other trees were planted a few years later prior to 1946.

AVENUE 4 - Plumridge and Appel Streets

Consists of a row of Bunya Pines interspersed with Cottonwood trees and includes three mature Eucalypts on an alignment closer to Plumridge Street. It appears that the Bunya Pines were planted between 1936 and 1946. The Cottonwoods may have been planted around the late 1950s. The Eucalypt trees were not part of the original layout but may have been planted around the early 1970s.



Plumridge Avenue (July 2020)



Fig tree on the corner of Oxley Road and Plumridge St (July 2020)



EXISTING TREES - TREE SURVEY PLAN



Sheet 4 of 9 Issue 2

EXISTING TREES - TREE SURVEY TABLE

	TREE SURVEY		
ID	SPECIES	COMMON	
1	Eucalyptus tereticornus	Forest Red Gum	
2	Ficus obliqua	Small Leaf Fig	
3	Araucaria bidwilli	Bunya Pine	
4	Melaleuca leucadendra	Paperbark	
5	Melaleuca leucadendra	Weeping Paperbark	
6	Araucaria bidwilli	Bunya Pine	
7	Araucaria bidwilli	Bunya Pine	
8	Eucalyptus tereticornus	Forest Red Gum	
9	Araucaria bidwilli	Bunya Pine	
10	Araucaria bidwilli	Bunya Pine	
11	Hibiscus tiliaceus	Cottonwood	
12	Araucaria bidwilli	Bunya Pine	
13	Araucaria bidwilli	Bunya Pine	
14	Hibiscus tiliaceus	Cottonwood	
15	Hibiscus tiliaceus	Cottonwood	
16	Hibiscus tiliaceus	Cottonwood	
17	Araucaria bidwilli	Bunya Pine	
18	Araucaria bidwilli	Bunya Pine	
19	Araucaria bidwilli	Bunya Pine	
20	Hibiscus tiliaceus	Cottonwood	
21	Hibiscus tiliaceus	Cottonwood	
22	Araucaria bidwilli	Bunya Pine	
23	Araucaria bidwilli	Bunya Pine	
24	Araucaria bidwilli	Bunya Pine	
25	Hibiscus tiliaceus	Cottonwood	
26	Hibiscus tiliaceus	Cottonwood	
27	Araucaria bidwilli	Bunya Pine	
28	Araucaria bidwilli	Bunya Pine	
29	Hibiscus tiliaceus	Cottonwood	
30	Araucaria bidwilli	Bunya Pine	
31	Araucaria bidwilli	Bunya Pine	

	TREE SURVEY		
ID	SPECIES	COMMON	
32	Hibiscus tiliaceus	Cottonwood	
33	Hibiscus tiliaceus	Cottonwood	
34	Araucaria bidwilli	Bunya Pine	
35	Eucalyptus tereticornus	Forest Red Gum	
36	Araucaria bidwilli	Bunya Pine	
37	Araucaria bidwilli	Bunya Pine	
38	Araucaria bidwilli	Bunya Pine	
39	Hibiscus tiliaceus	Cottonwood	
40	Hibiscus tiliaceus	Cottonwood	
41	Araucaria bidwilli	Bunya Pine	
42	Araucaria bidwilli	Bunya Pine	
43	Araucaria bidwilli	Bunya Pine	
44	Araucaria bidwilli	Bunya Pine	
45	Araucaria bidwilli	Bunya Pine	
46	Hibiscus tiliaceus	Cottonwood	
47	Hibiscus tiliaceus	Cottonwood	
48	no tree		
49	Araucaria bidwilli	Bunya Pine	
50	Araucaria bidwilli	Bunya Pine	
51	Hibiscus tiliaceus	Cottonwood	
52	Araucaria bidwilli	Bunya Pine	
53	Araucaria bidwilli	Bunya Pine	
54	Ficus macrophylla	Moreton Bay Fig	
55	Ficus obliqua	Small Leaf Fig	
56	Ficus macrophylla	Moreton Bay Fig	
57	Cinnamonum camphora	Camphor Laurel	
58	Cinnamonum camphora	Camphor Laurel	
59	Cupaniopsis anacardodes	Tuckeroo	
60	Cupaniopsis anacardodes	Tuckeroo	
61	Cupaniopsis anacardodes	Tuckeroo	
62	Cupaniopsis anacardodes	Tuckeroo	

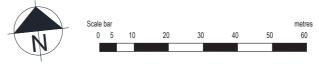
	TREE SURVEY		
ID	SPECIES	COMMON	
63	Araucaria bidwilli	Bunya Pine	
64	Araucaria bidwilli	Bunya Pine	
65	Ficus macrophylla	Moreton Bay Fig	
66	Livistona australis	Cabbage Palm	
67	Livistona australis	Cabbage Palm	
68	Livistona australis	Cabbage Palm	
69	Livistona australis	Cabbage Palm	
70	Livistona australis	Cabbage Palm	
71	Livistona australis	Cabbage Palm	
72	Livistona australis	Cabbage Palm	
73	Livistona nitida	Western Cabbage Palm	
74	Livistona australis	Cabbage Palm	
75	Livistona nitida	Western Cabbage Palm	
76	Livistona australis	Cabbage Palm	
77	Livistona australis	Cabbage Palm	
78	Livistona nitida	Western Cabbage Palm	
79	Livistona nitida	Western Cabbage Palm	
80	Livistona australis	Cabbage Palm	
81	Ficus obliqua	Small Leaf Fig	
82	Bauhinia x blakeana	Hong Kong Orchid tree	
83	Celtis sinensis	Chinese Elm	
84	Bauhinia x blakeana	Hong Kong Orchid tree	
85	Bauhinia x blakeana	Hong Kong Orchid tree	
86	Bauhinia x blakeana	Hong Kong Orchid tree	
87	Bauhinia x blakeana	Hong Kong Orchid tree	
88	Celtis sinensis	Chinese Elm	
89	Cupaniopsis anacardodes	Tuckeroo	
90	Ficus hillii	Hill's Weeping Fig	
91	Koelreuteria paniculata	Golden Rain Tree	
92	Schotia brachypetala	Parot Tree	
93	Jacaranda mimosifolia	Jacaranda	

	TREE SURVEY		
ID	SPECIES	СОММОМ	
94	Cupaniopsis anacardodes	Tuckeroo	
95	Cupaniopsis anacardodes	Tuckeroo	
96	Ficus hillii	Hill's Weeping Fig	
97	Ficus hillii	Hill's Weeping Fig	
98	Schotia brachypetala	Parot Tree	
99	Schotia brachypetala	Parot Tree	
100	Cupaniopsis anacardodes	Tuckeroo	
101	Ficus hillii	Hill's Weeping Fig	
102	Ficus hillii	Hill's Weeping Fig	
103	Lophostemon confertus	Brush Box	
104	Ficus hillii	Hill's Weeping Fig	
105	Ficus hillii	Hill's Weeping Fig	
106	Livistona decipiens	Weeping Cabbage Palm	
107	Ficus macrophylla	Moreton Bay Fig	
108	Ficus obliqua	Small Leaf Fig	
109 Ficus obliqua		Small Leaf Fig	
Livistona australis		Cabbage Palm	
1	Livistona australis	Cabbage Palm	
112	Macadamia integrifolia	Macadamia Nut	
113	Ficus hillii	Hill's Weeping Fig	
114	Flindersia australis	Crow's Ash	
115	Ficus obliqua	Small Leaf Fig	
116	Livistona decipiens	Weeping Cabbage Palm	
117	Livistona decipiens	Weeping Cabbage Palm	
118	Livistona australis	Cabbage Palm	
119	Ficus virens	White Fig	



PROPOSED TREE REMOVALS AND REPLACEMENTS PLAN







Issue 2

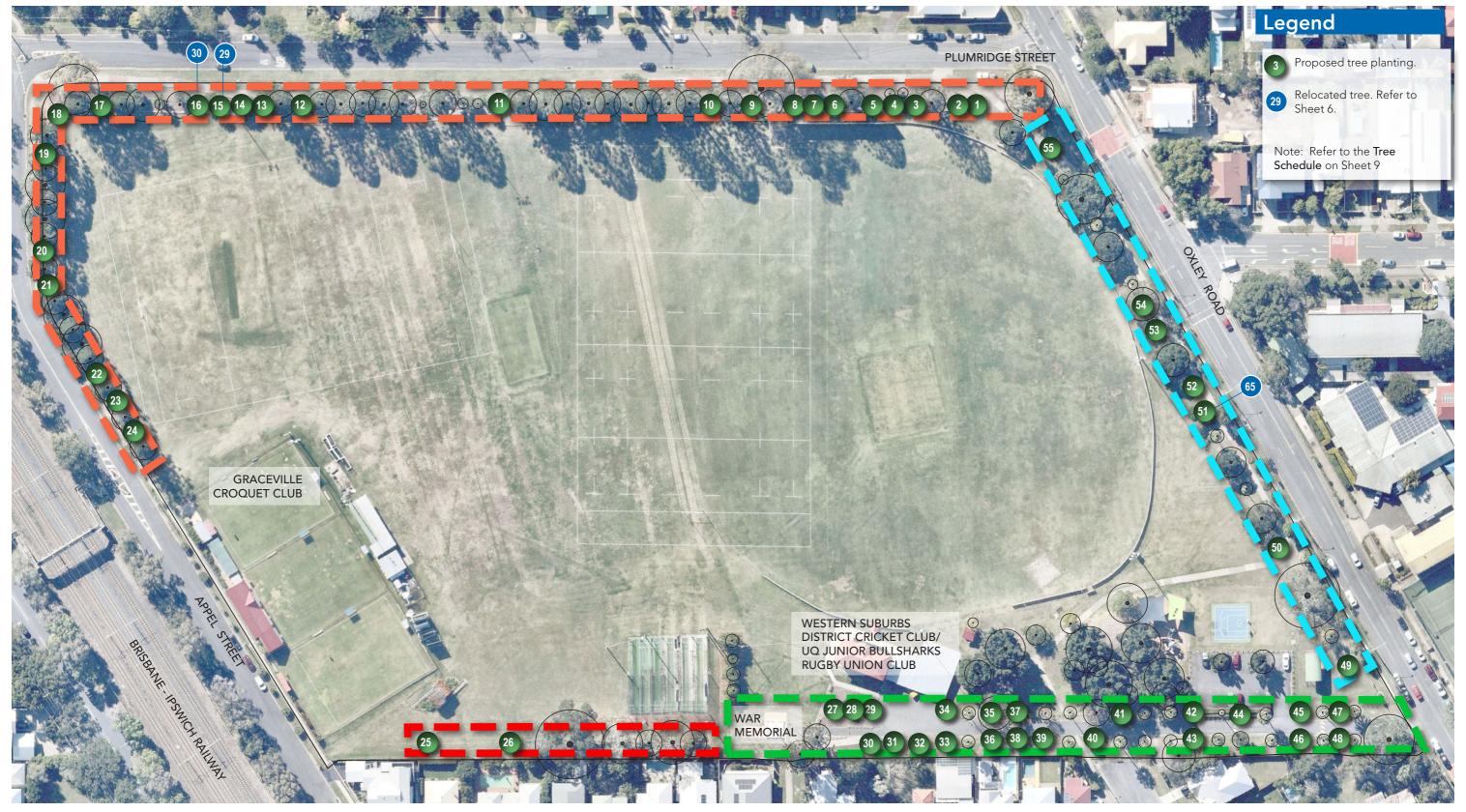
PROPOSED TREE REMOVALS AND REPLACEMENTS SCHEDULE

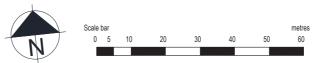
	TREE REMOVAL SCHEDULE			
	SPECIES	соммон	DISCUSSION	
39	Hibiscus tiliaceus	Cottonwood		
46	Hibiscus tiliaceus	Cottonwood		
49	Araucaria bidwillii	Bunya pine	Trees to undergo further investigation by a	
52	Araucaria bidwillii	Bunya pine	qualified arborist to assess structural integrity (through Picus test) and determine management	
74	Livistona australis	Cabbage Palm	strategy.	
112	Macadamia integrifolia	Macadamia nut		
114	Flindersia australis	Crow's Ash		
4	Melaleuca saligna	Paperbark	Two small trees that were not part of the original layout. Left alone they would increase in size and	
5	Melaleuca leucadendra	Weeping paperbark	obscure the avenue and detract from the park's heritage significance.	
65	Juvenile Ficus macrophylla	Moreton Bay Fig	This recently planted fig replaced a mature fig that failed. The fig was not part of the original layout but was planted around the early 1960s. Such a large tree in this location would obscure the Memorial Avenue. It is recommended that it be relocated to tree no.51 as shown on the Tree Planting Plan (Sheet 8).	
83	Celtis sinensis	Chinese Elm		
88	Celtis sinensis	Chinese Elm		
91	Koelreuteria paniculata	Golden Rain tree	Trim to facilitate replacement planting. Retain	
92	Schotia brachypetala	Parrot Tree	until until tree dies and replant as per the Tree	
93	Jacaranda mimosifolia	Jacaranda	Planting Plan CA20 881349 with specified species.	
99	Schotia brachypetala	Parrot Tree		
100	Cupaniopsis anacardioides	Tuckeroo		

	TREE REMOVAL SCHEDULE		
	SPECIES	COMMON	DISCUSSION
A	Juvenile Eucalypus	Unknown	While there are some Eucalyptus trees along this edge of the park this tree is located too close to existing Bunya Pines and if left alone will have an adverse effect on the trees in time.
B	Juvenile Eucalyptus	Unknown	Three juvenile trees poorly located and not in
C	Cupaniopsis anacardioides	Tuckeroo	keeping with the planting along this edge of the
<u>D</u>	Cupaniopsis anacardioides	Tuckeroo	park.
•	Juvenile palm	Unknown	A recently planted palm in the Memorial Avenue. While the location is appropriate for a palm it does not appear to be a suitable species. Palms in the Memorial Avenue consist of Cabbage Palms.
29	Hibiscus tiliaceus	Cottonwood	These two trees were planted relatively recently
30	Araucaria bidwilii	Bunya pine	but not in the correct location. To reflect the correct avenue layout it is recommended that they be relocated in accordance with the locations proposed in the Tree Planting Plan (Sheet 8). Tree no. 29 to be relocated to tree no.15 on the Tree Planting Plan and Tree no. 30 to be relocated to tree no.16.



TREE PLANTING PLAN







TREE PLANTING LIST

		TREE	SCHEDULE
	SPECIES	COMMON	NOTES
1	Araucaria bidwillii	Bunya pine	
2	Hibiscus tiliaceus	Cottonwood	
3	Hibiscus tiliaceus	Cottonwood	
4	Aracaria bidwillii	Bunya pine	
5	Hibiscus tiliaceus	Cottonwood	
6	Hibiscus tiliaceus	Cottonwood	
7	Aracaria bidwilli	Bunya pine	
8	Hibiscus tiliaceus	Cottonwood	
9	Hibiscus tiliaceus	Cottonwood	
10	Hibiscus tiliaceus	Cottonwood	
11	Hibiscus tiliaceus	Cottonwood	Avenue 4 - Plumridge and Appel Streets
12	Hibiscus tiliaceus	Cottonwood	Infill tree planting to reinstate avenue.
13	Hibiscus tiliaceus	Cottonwood	Replacement Hibiscus trees to be grown from cuttings from original existing Hibiscus trees. This
14	Aracaria bidwilli	Bunya pine	is to maintain the same genetic provenance.
15	Hibiscus tiliaceus*	Cottonwood	
16	Aracaria bidwilli**	Bunya pine	
17	Hibiscus tiliaceus	Cottonwood	
18	Hibiscus tiliaceus	Cottonwood	
19	Hibiscus tiliaceus	Cottonwood	
20	Hibiscus tiliaceus	Cottonwood	
21	Hibiscus tiliaceus	Cottonwood	
22	Hibiscus tiliaceus	Cottonwood	
23	Hibiscus tiliaceus	Cottonwood	
24	Hibiscus tiliaceus	Cottonwood	
25	Ficus macrophylla	Moreton Bay fig	Avenue 3 - Southern boundary figs
26	Ficus obliqua	Small leaf fig	Replacement trees that were originally included in this row of trees as seen on the 1946 Aerial.

		TREE	SCHEDULE
	SPECIES	COMMON	NOTES
27	Livistona australis	Cabbage palm	
28	Bauhinia x blakeana	Hong Kong Orchid tree	
29	Livistona australis	Cabbage palm	
30	Livistona australis	Cabbage palm	
31	Bauhinia x blakeana	Hong Kong Orchid tree	
32	Livistona australis	Cabbage palm	
33	Bauhinia x blakeana	Hong Kong Orchid tree	
34	Bauhinia x blakeana	Hong Kong Orchid tree	
35	Bauhinia x blakeana	Hong Kong Orchid tree	
36	Bauhinia x blakeana	Hong Kong Orchid tree	
37	Livistona australis	Cabbage palm	Avenue 2 - World War 1 Memorial Avenue
38	Livistona australis	Cabbage palm	Infill tree planting to reinstate avenue.
39	Bauhinia x blakeana	Hong Kong Orchid tree	
40	Bauhinia x blakeana	Hong Kong Orchid tree	
41	Livistona australis	Cabbage palm	
42	Bauhinia x blakeana	Hong Kong Orchid tree	
43	Bauhinia x blakeana	Hong Kong Orchid tree	
44	Bauhinia x blakeana	Hong Kong Orchid tree	
45	Bauhinia x blakeana	Hong Kong Orchid tree	
46	Bauhinia x blakeana	Hong Kong Orchid tree	
47	Bauhinia x blakeana	Hong Kong Orchid tree	
48	Bauhinia x blakeana	Hong Kong Orchid tree	
49	Ficus obliqua	Small leaf fig	
50	Livistona australis	Cabbage palm	
51	Ficus macrophylla***	Moreton Bay fig	
52	Livistona decipiens	Weeping Cabbage palm	Avenue 1 - Oxley Road Infill tree planting to reinstate the avenue.
53	Livistona decipiens	Weeping Cabbage palm	Think tree planting to remstate the avenue.
54	Ficus virens	White fig	
55	Ficus macrophylla	Moreton Bay fig	

- * Transplanted tree no.29
- ** Tansaplanted tree no.30
- *** Transplanted tree no.65



September 2020

Sheet 9 of 9