



ARTERRA DESIGN PTY LTD ABN 40 069 552 610
SUITE 602 / 51 RAWSON STREET, EPPING, NSW 2121
P 02 9957 2466 F 02 9957 3977 W ARTERRA.COM.AU



PROJECT & CLIENT

HammondCare Wahroonga Stage 2

4-12 Neringah Avenue South, Wahroonga, NSW 2076

Prepared for :
HammondCare

Arboricultural Plans

DRAWING INDEX

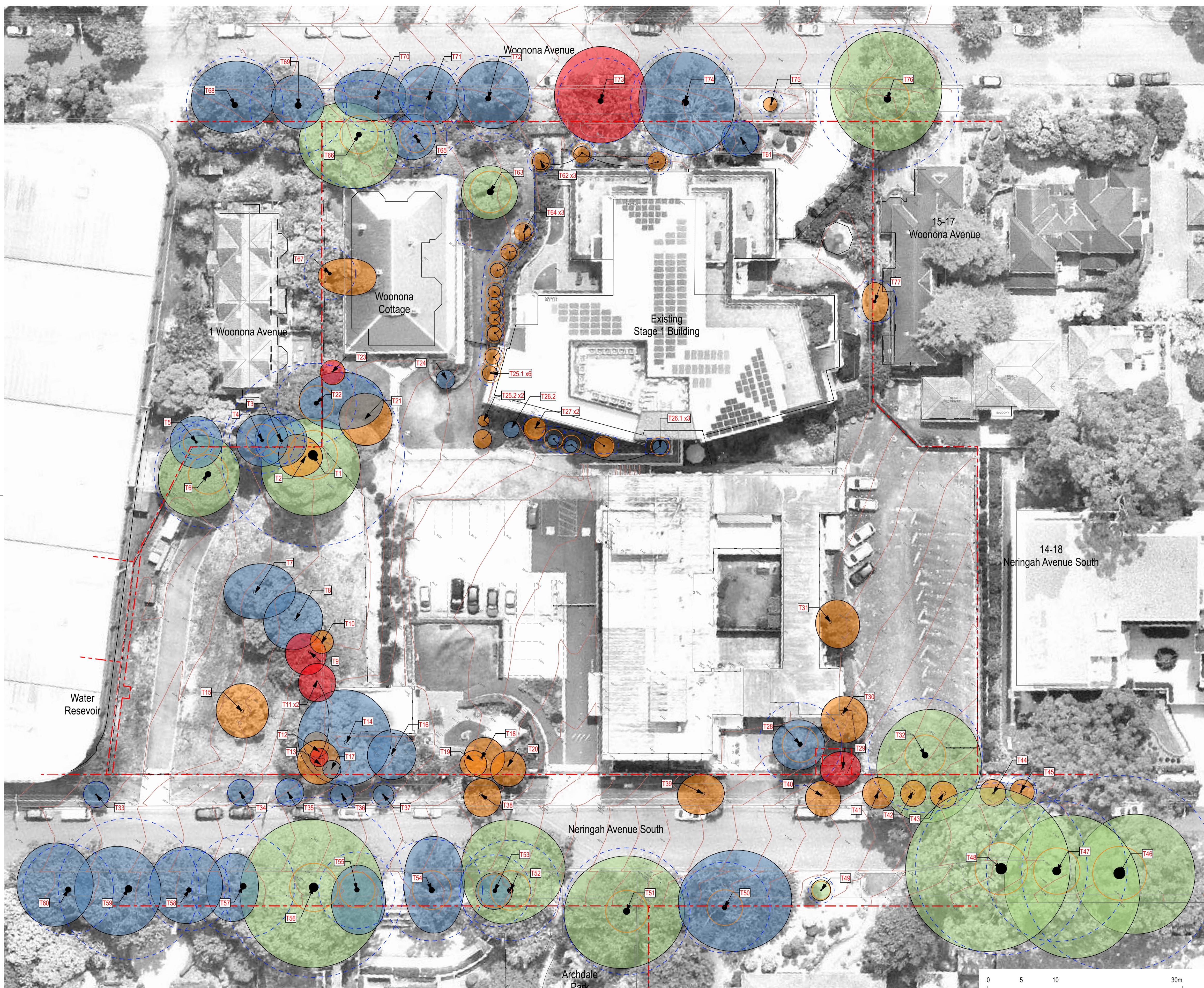
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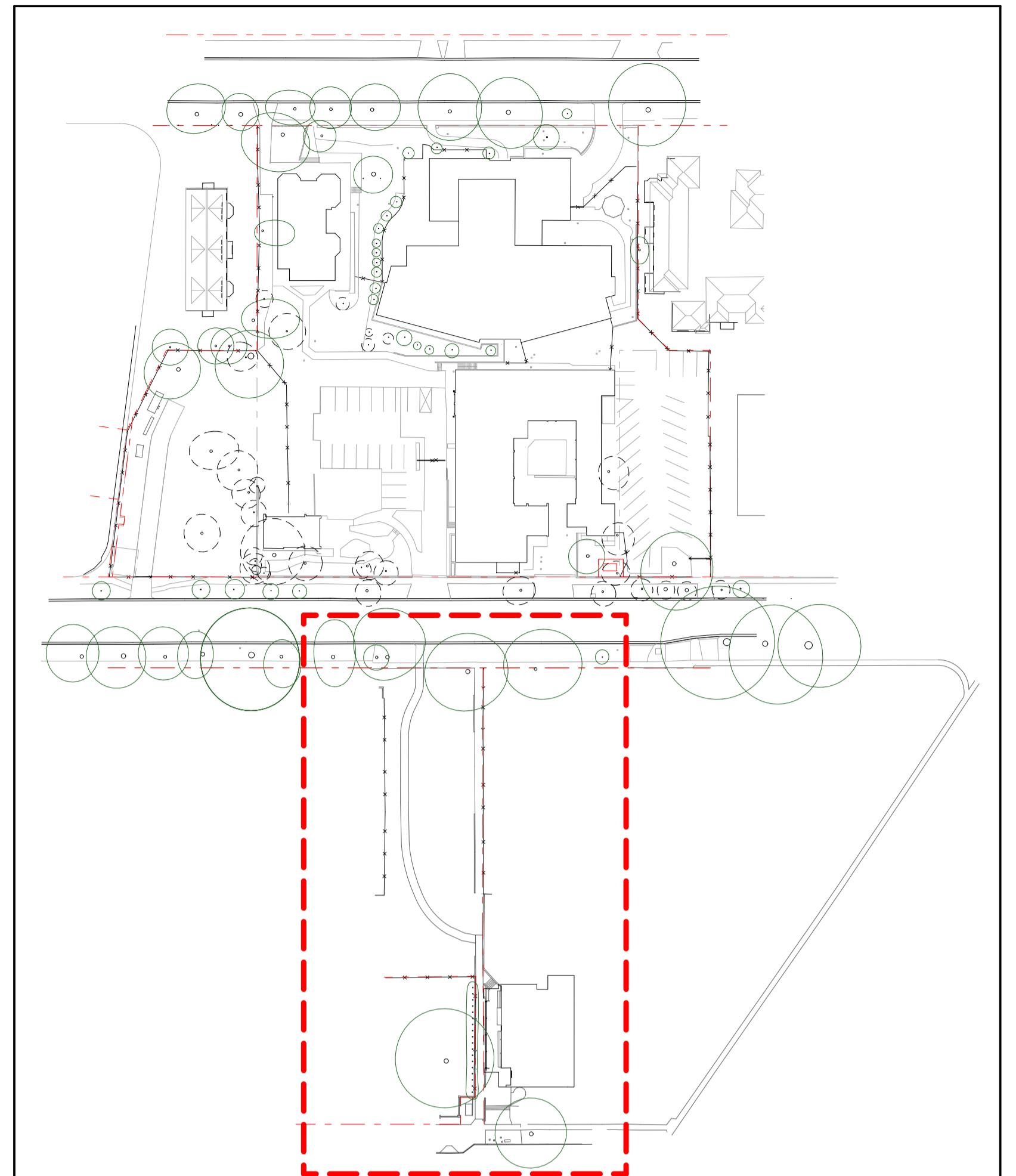
13 December 2022

ISSUE :

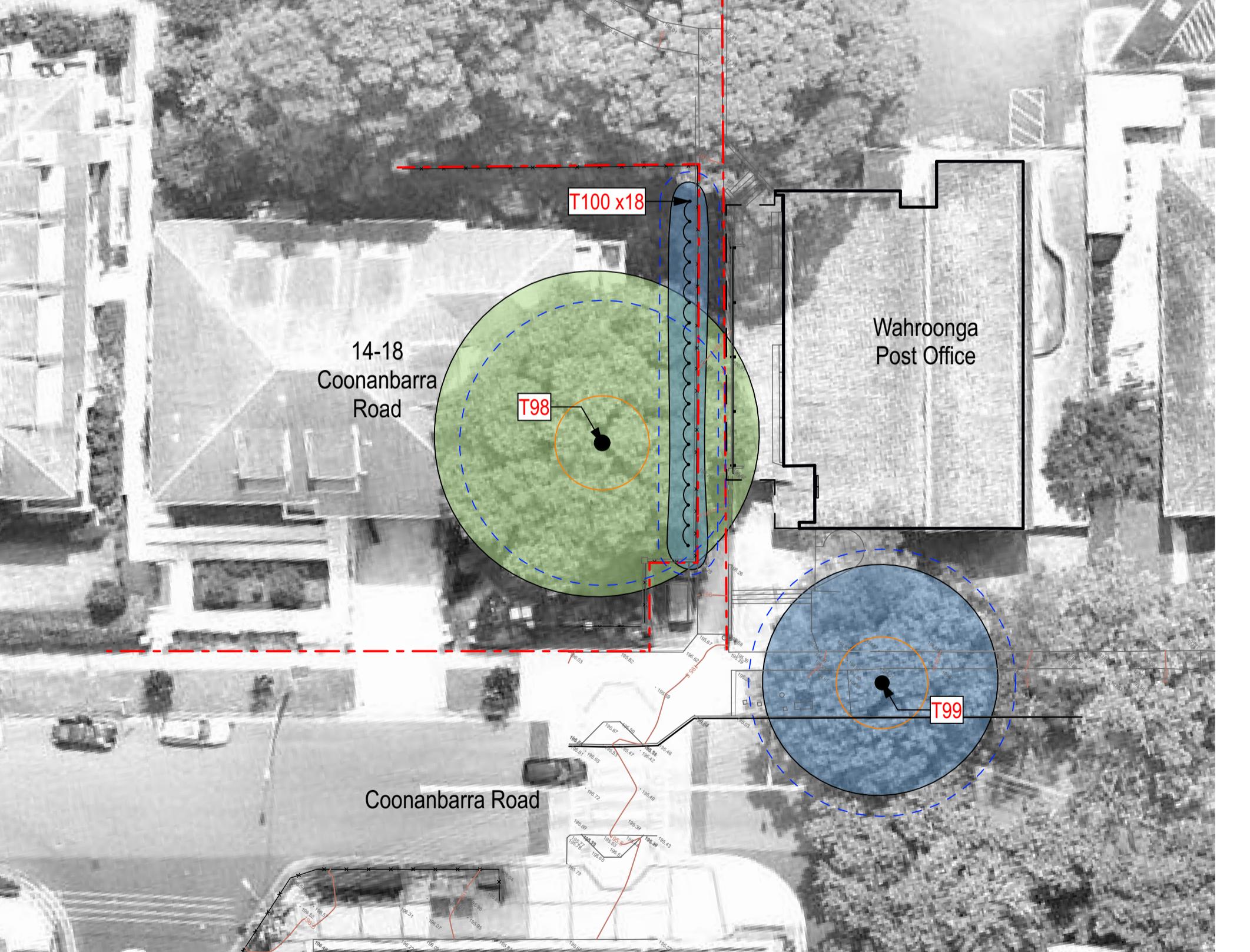
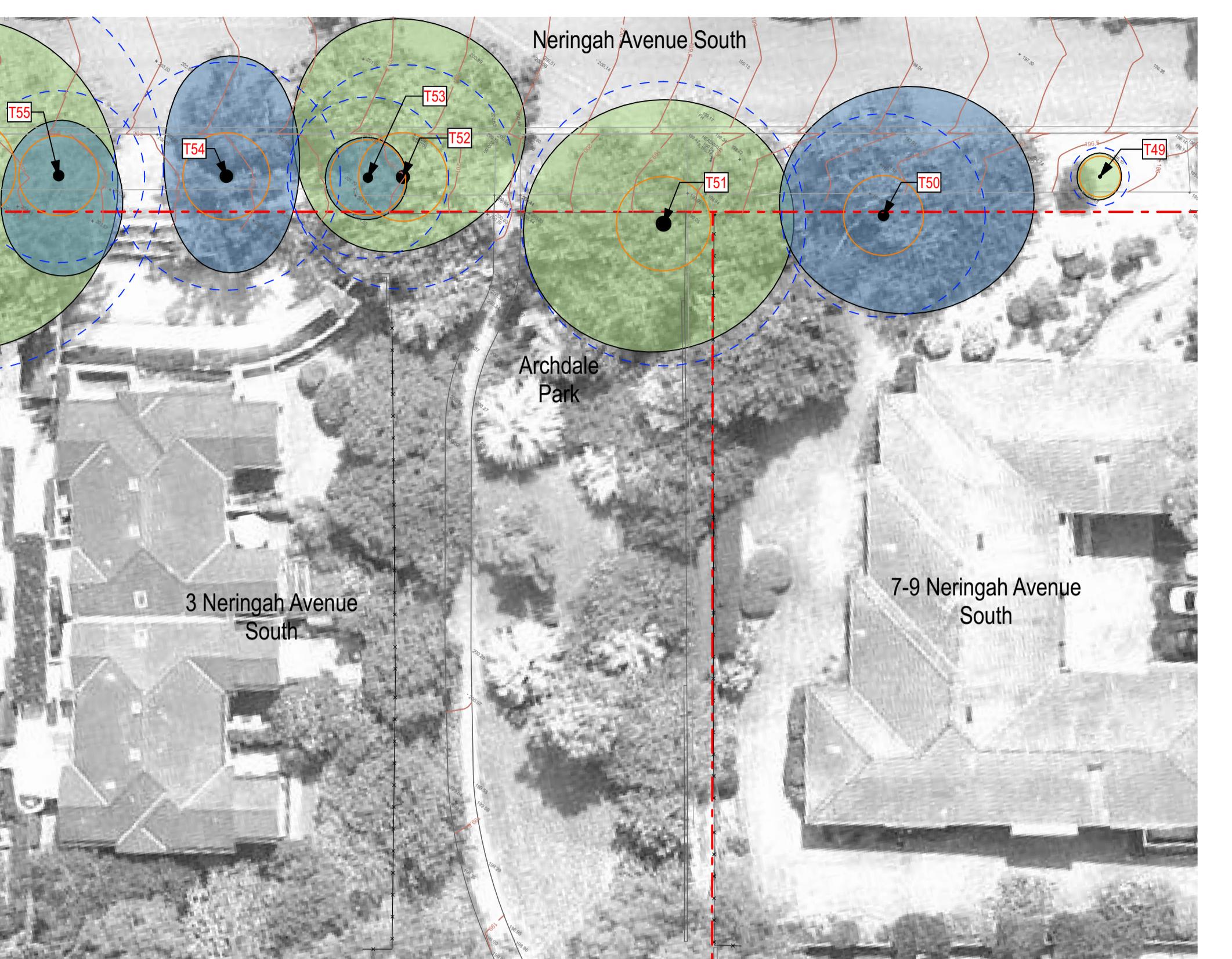
For SSDA Submission



HammondCare - Stage 2, Wahroonga - Tree Assessment Schedule									
Tree ID	Tree in Group	Tree Species	Common Name	Trunk Diameter at base (dbh) (m)	Nominal diameter (dgr) (m)	TPZ (AS 4970) (m)	Nominal SRZ radius (m) (AS 4970)	Retention Value	Recommendation
1	1	<i>Lophostemon confertus</i>	Brush Box	1.17	1.34	14.04	3.74	High	Retain
2	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.20	0.24	2.40	1.82	Low	Remove
3	1	<i>Callis glaucahylla?</i>	White Cypress?	0.30	0.35	3.60	2.13	Moderate	Retain
4	1	<i>Callis glaucahylla?</i>	White Cypress?	0.42	0.50	5.04	2.47	Moderate	Retain
5	1	<i>Polyosma elegans</i>	Celery Wood	0.22	0.30	2.64	2.00	Moderate	Retain
6	1	<i>Lophostemon confertus</i>	Brush Box	0.69	0.81	8.28	3.03	High	Retain
7	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.54	0.57	6.48	2.61	Moderate	Remove
8	1	<i>Acer buergerianum</i>	Trident Maple	0.38	0.43	4.56	2.32	Moderate	Remove
9	1	<i>Acer palmatum</i>	Japanese Maple	0.48	0.39	5.04	2.23	Nil / Remove	Remove
10	1	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.18	0.27	2.16	1.91	Low	Remove
11	2	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.20	0.25	2.40	1.85	Nil / Remove	Remove
12	1	<i>Acer buergerianum</i>	Trident Maple	0.15	0.20	2.00	1.68	Low	Remove
13	1	<i>Nerium oleander</i>	Oleander	0.65	2.00	7.80	4.43	Low	Remove
14	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.46	0.75	5.52	2.93	Moderate	Remove
15	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.32	0.52	3.84	2.51	Low	Remove
16	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.44	0.50	5.28	2.47	Moderate	Remove
17	1	<i>Buckinghamia cassasana</i>	Ivory Curl Tree	0.11	0.14	2.00	1.45	Moderate	Remove
18	1	<i>Sapura sebifera</i> (syn. <i>Tridica sebifera</i>)	Chinese Tallow Tree	0.33	0.43	3.96	2.32	Low	Remove
19	1	<i>Syzygium australe</i>	Brush Cherry	0.16	0.16	2.00	1.53	Low	Remove
20	1	<i>Syzygium australe</i>	Brush Cherry	0.20	0.28	2.40	1.94	Low	Remove
21	1	<i>Acer buergerianum</i>	Trident Maple	0.22	0.34	2.64	2.10	Low	Remove
22	1	<i>Ulmus minor</i>	Field Elm?	0.51	0.60	6.12	2.67	Moderate	Retain
23	1	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.18	0.25	2.16	1.85	Nil / Remove	Remove
24	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.15	2.00	1.49	Moderate	Remove
25	6	<i>Pinus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Low	Retain
25.2	2	<i>Pinus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Moderate	Retain
26.1	3	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.14	2.00	1.45	Moderate	Retain
26.2	1	<i>Magnolia grandiflora</i>	Callery Pear	0.11	0.15	2.00	1.49	Low	Retain
27	2	<i>Pinus calleryana</i> cv.	Callery Pear	0.11	0.15	2.00	1.49	Moderate	Retain
28	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.53	0.63	6.36	2.73	Moderate	Retain
29	1	<i>Cinnamomum camphora</i>	Camphor Laurel	0.23	0.40	2.76	2.25	Nil / Remove	Remove
30	1	<i>Calistemon viminalis</i> cv.	Weeping Bottlebrush	0.34	0.42	4.08	2.30	Low	Remove
31	1	<i>Laportea indica</i>	Crepe Myrtle	0.31	0.45	3.72	2.37	Low	Remove
32	1	<i>Angophora costata</i>	Smooth-barked Apple	0.73	0.86	8.76	3.11	High	Retain
33	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.15	2.00	1.49	Moderate	Retain
34	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.16	0.20	2.00	1.68	Moderate	Retain
35	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.17	2.00	1.57	Moderate	Retain
36	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.12	0.12	2.00	1.36	Moderate	Retain
37	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.13	0.13	2.00	1.40	Moderate	Retain
38	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.40	0.52	4.80	2.51	Low	Remove
39	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.35	0.47	4.20	2.41	Low	Remove
40	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.30	0.40	3.60	2.25	Low	Remove
41	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.28	0.35	3.36	2.13	Low	Remove
42	1	<i>Nerium oleander</i>	Oleander	0.35	0.75	4.20	2.93	Low	Remove
43	1	<i>Nerium oleander</i>	Oleander	0.30	0.75	3.60	2.93	Low	Remove
44	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.20	0.30	2.40	2.00	Low	Remove
45	1	<i>Photinia x fraseri Robusta</i>	Photinia	0.20	0.28	2.40	1.94	Low	Retain
46	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.40	1.68	15.00	4.12	High	Retain
47	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	0.90	1.18	10.80	3.55	High	Retain
48	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.10	1.58	13.20	4.01	High	Retain
49	1	<i>Eucalyptus saligna?</i>	Sydney Blue Gum?	0.10	0.13	2.00	1.40	High	Retain
50	1	<i>Ulmus pinnatifida</i>	Chinese Elm	0.58	0.63	6.96	2.73	Moderate	Retain
51	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.81	0.94	9.72	3.22	High	Retain
52	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.64	0.81	7.68	3.03	High	Retain
53	1	<i>Populus nigra Italica</i>	Lombardy Poplar	0.46	0.65	5.52	2.59	Moderate	Retain
54	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.65	0.77	7.80	2.97	Moderate	Retain
55	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.49	0.63	5.88	2.73	Moderate	Retain
56	1	<i>Argophyllum costatum</i>	Smooth-barked Apple	1.15	1.30	13.80	3.69	High	Retain
57	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.66	0.86	7.92	3.11	Moderate	Retain
58	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.52	0.66	6.24	2.78	Moderate	Retain
59	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.90	1.00	10.80	3.31	Moderate	Retain
60	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.58	0.77	6.96	2.97	Moderate	Retain
61	1	<i>Wisteria floribunda</i>	Weeping Lilly Pilly	0.22	0.28	2.64	1.94	Low	Retain
62	3	<i>Prunus cerasifera Nigra</i>	Purple-leaved Cherry-plum	0.11	0.14	2.00	1.45	Low	Retain
63	1	<i>Cupressus cashmeriana</i>	Kashmir Cypress	0.75	0.90	9.00	3.17	High	Retain
64	3	<i>Eucalyptus eungundi</i>	Eumundi Quandong	0.10	0.13	2.00	1.40	Low	Retain
65	1	<i>Nyssa sylvatica</i>	Tulpeo	0.40	0.48	4.80	2.43	Moderate	Retain
66	1	<i>Cedrus deodara</i>	Himalayan Cedar	0.6	0.74	8.28	2.92	High	Retain
67	1	<i>Radermachera sinica</i>	China Doll Tree	0.33	0.40	3.96	2.25	Low	Retain
68	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.6	0.82	7.44	3.04	Moderate	Retain
69	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.6	0.87	7.44	3.12	Moderate	Retain
70	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.44	0.56	5.28	2.59	Moderate	Retain
71	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.46	0.61	5.52	2.69	Moderate	Retain
72	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.58	0.74	6.96	2.92	Moderate	Retain
73	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.55	0.72	6.60	2.88	Nil / Remove	Retain
74	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.70	0.96	8.40	3.25	Moderate	Retain
75	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.5	0.73	2.00	1.40	Low	Retain

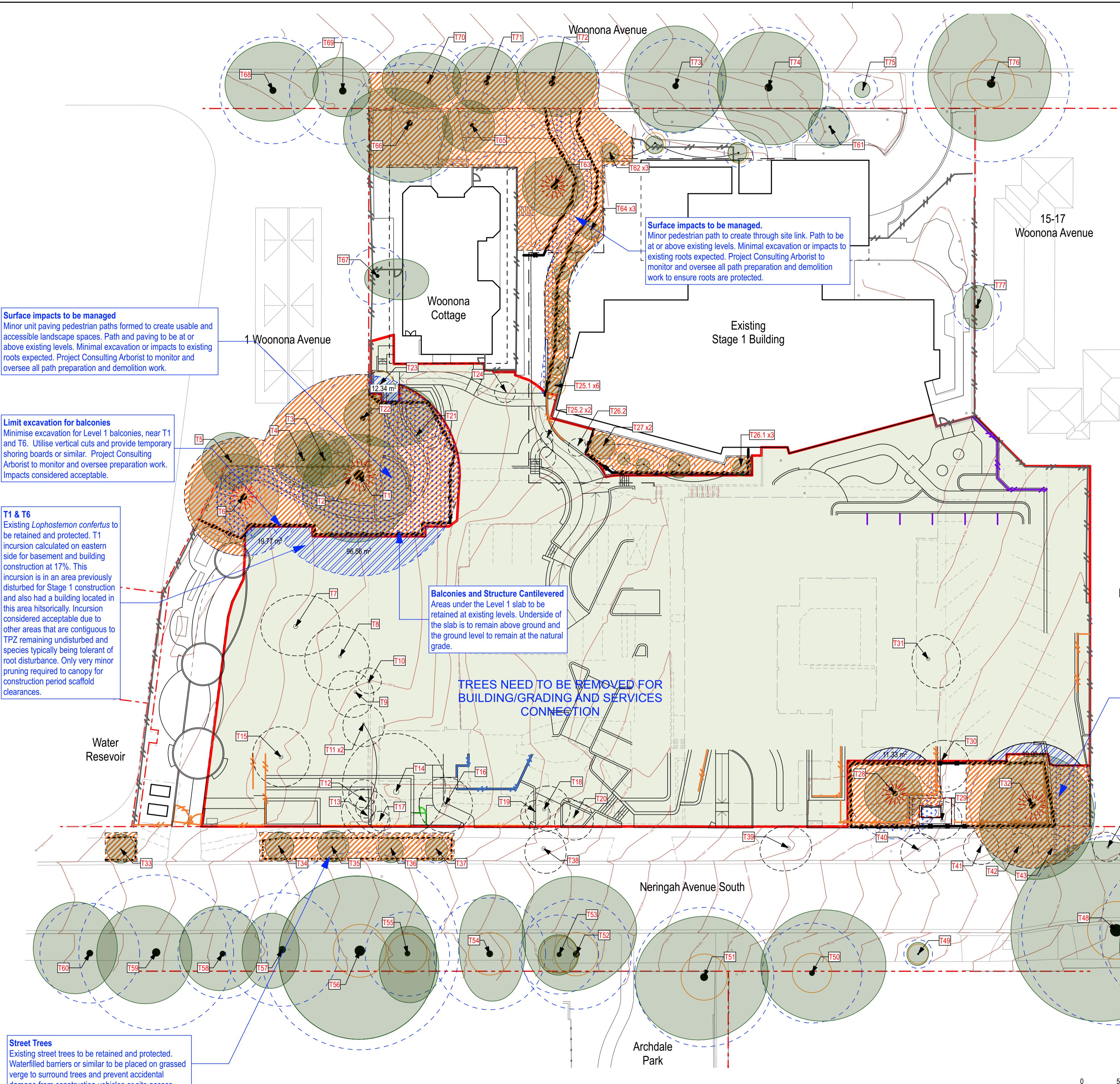


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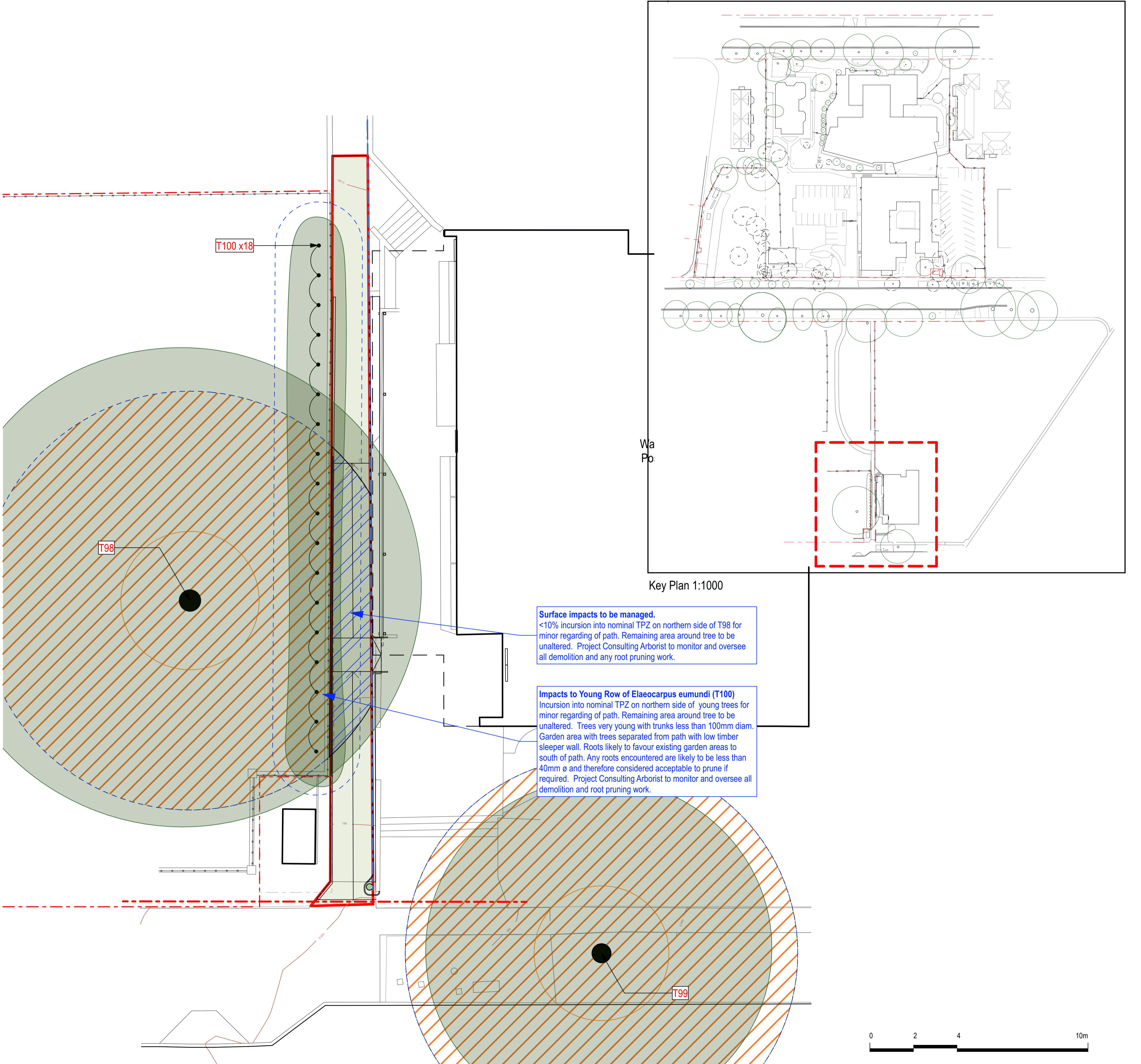


0 5 10 30m

HammondCare - Stage 2, Wahroonga - Tree Assessment Schedule									
Tree ID	Tree in Group	Tree Species	Common Name	Trunk Diameter at base (dbh) (m)	Trunk Diameter (dbh) (m)	Nominal 12dbh (AS 4970) radius (m)	Nominal SRZ (AS 4970) radius (m)	Retention Value	Recommendation
1	1	<i>Lophostemon confertus</i>	Brush Box	1.17	1.34	14.04	3.74	High	Retain
2	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.20	0.24	2.40	1.82	Low	Remove
3	1	<i>Callis glaucophylla?</i>	White Cypress?	0.30	0.35	3.60	2.13	Moderate	Retain
4	1	<i>Callis glaucophylla?</i>	White Cypress?	0.42	0.50	5.04	2.47	Moderate	Retain
5	1	<i>Polyosma elegans</i>	Celery Wood	0.22	0.30	2.64	2.00	Moderate	Retain
6	1	<i>Lophostemon confertus</i>	Brush Box	0.69	0.81	8.28	3.03	High	Retain
7	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.54	0.57	6.48	2.61	Moderate	Remove
8	1	<i>Acer buergerianum</i>	Trident Maple	0.38	0.43	4.56	2.32	Moderate	Remove
9	1	<i>Acer palmatum</i>	Japanese Maple	0.48	0.59	5.04	2.23	Nil / Remove	Remove
10	1	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.18	0.27	2.16	1.91	Low	Remove
11	2	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.20	0.25	2.40	1.85	Nil / Remove	Remove
12	1	<i>Acer buergerianum</i>	Trident Maple	0.15	0.20	2.00	1.68	Low	Remove
13	1	<i>Nerium oleander</i>	Oleander	0.65	0.70	7.80	4.43	Low	Remove
14	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.46	0.75	5.52	2.93	Moderate	Remove
15	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.32	0.52	3.84	2.51	Low	Remove
16	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.44	0.50	5.28	2.47	Moderate	Remove
17	1	<i>Bucida buceras</i>	Ivory Curl Tree	0.11	0.14	2.00	1.45	Moderate	Remove
18	1	<i>Sapindus saponaria</i> (syn. <i>Tradicia saponaria</i>)	Chinese Tallow Tree	0.33	0.43	3.96	2.32	Low	Remove
19	1	<i>Syzygium australe</i>	Brush Cherry	0.01	0.16	2.00	1.53	Low	Remove
20	1	<i>Syzygium australe</i>	Brush Cherry	0.20	0.28	2.40	1.94	Low	Remove
21	1	<i>Acer buergerianum</i>	Trident Maple	0.22	0.34	2.64	2.10	Low	Remove
22	1	<i>Ulmus minor?</i>	Field Elm?	0.51	0.60	6.12	2.67	Moderate	Retain
23	1	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.18	0.25	2.16	1.85	Nil / Remove	Remove
24	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.15	2.00	1.49	Moderate	Remove
25	1	<i>Pinus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Low	Retain
25.2	2	<i>Pinus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Moderate	Retain
26.1	3	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.14	2.00	1.45	Moderate	Retain
26.2	1	<i>Magnolia grandiflora</i>	Callery Pear	0.11	0.15	2.00	1.49	Low	Retain
27	2	<i>Pinus calleryana</i> cv.	Callery Pear	0.11	0.15	2.00	1.49	Low	Retain
28	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.53	0.63	6.36	2.73	Moderate	Retain
29	1	<i>Cinnamomum camphora</i>	Camphor Laurel	0.23	0.40	2.76	2.25	Nil / Remove	Remove
30	1	<i>Callicoma viminalis</i> cv.	Weeping Bottlebrush	0.34	0.42	4.08	2.30	Low	Remove
31	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	0.31	0.45	3.72	2.37	Low	Remove
32	1	<i>Argophyllum costatum</i>	Smooth-barked Apple	0.73	0.86	8.76	3.11	High	Retain
33	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.15	2.00	1.49	Moderate	Retain
34	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.16	0.20	2.00	1.68	Moderate	Retain
35	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.17	2.00	1.57	Moderate	Retain
36	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.12	2.00	1.36	Moderate	Retain
37	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.13	2.00	1.40	Moderate	Retain
38	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.40	0.52	4.80	2.51	Low	Remove
39	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.35	0.47	4.20	2.41	Low	Remove
40	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.30	0.40	3.60	2.25	Low	Remove
41	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.28	0.35	3.36	2.13	Low	Remove
42	1	<i>Nerium oleander</i>	Oleander	0.35	0.75	4.20	2.93	Low	Remove
43	1	<i>Nerium oleander</i>	Oleander	0.30	0.75	3.60	2.93	Low	Remove
44	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.20	0.30	2.40	2.00	Low	Remove
45	1	<i>Photinia x fraseri Robusta</i>	Photinia	0.20	0.28	2.40	1.94	Low	Retain
46	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.40	1.68	15.00	4.12	High	Retain
47	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	0.90	1.18	10.80	3.55	High	Retain
48	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.10	1.58	13.20	4.01	High	Retain
49	1	<i>Eucalyptus saligna?</i>	Sydney Blue Gum?	0.10	0.13	2.00	1.40	High	Retain
50	1	<i>Ulmus parvifolia</i>	Chinese Elm	0.58	0.63	6.96	2.73	Moderate	Retain
51	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.81	0.81	9.72	3.22	High	Retain
52	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.64	0.81	5.52	2.59	Moderate	Retain
53	1	<i>Populus nigra Italica</i>	Lombardy Poplar	0.46	0.65	7.80	2.97	Moderate	Retain
54	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.65	0.77	7.80	2.97	Moderate	Retain
55	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.49	0.63	5.88	2.73	Moderate	Retain
56	1	<i>Argophyllum costatum</i>	Smooth-barked Apple	1.15	1.30	13.80	3.69	High	Retain
57	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.66	0.86	7.92	3.11	Moderate	Retain
58	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.52	0.66	6.24	2.78	Moderate	Retain
59	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.90	1.00	10.80	3.31	Moderate	Retain
60	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.58	0.77	6.96	2.97	Moderate	Retain
61	1	<i>Waterhousea floribunda</i>	Weeping Lilly Pilly	0.22	0.28	2.64	1.94	Moderate	Retain
62	3	<i>Prunus cerasifera Nigra</i>	Purple-leaved Cherry-plum	0.11	0.14	2.00	1.45	Low	Retain
63	1	<i>Cupressus cashmeriana</i>	Kashmir Cypress	0.75	0.90	9.00	3.17	High	Retain
64	3	<i>Elaeocarpus eumundii</i>	Eumundi Quandong	0.10	0.13	2.00	1.40	Low	Retain
65	1	<i>Nyssa sylvatica</i>	Tulpeo	0.40	0.48	4.80	2.43	Moderate	Retain
66	1	<i>Cedrus deodara</i>	Himalayan Cedar	0.6	0.74	8.28	2.92	High	Retain
67	1	<i>Radermachera sinica</i>	China Doll Tree	0.33	0.40	3.96	2.25	Low	Retain
68	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.6	0.82	7.44	3.04	Moderate	Retain
69	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.6	0.87	7.44	3.12	Moderate	Retain
70	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.44	0.56	5.28	2.59	Moderate	Retain
71	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.46	0.61	5.52	2.69	Moderate	Retain
72	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.58	0.74	6.96	2.92	Moderate	Retain
73	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.55	0.72	6.60	2.88	Nil / Remove	Retain
74	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.70	0.96	8.40	3.25	Moderate	



HammondCare - Stage 2, Wahroonga - Tree Assessment Schedule									
Tree ID	Tree in Group	Tree Species	Common Name	Trunk Diameter Breast Height (dbh) (m)	Trunk Diameter at base (dbh) (m)	Nominal 12dbh (d9) (m)	Nominal SRZ radius (m) (AS 4970)	Retention Value	Recommendation
1	1	<i>Lophostemon confertus</i>	Brush Box	1.17	1.34	14.04	3.74	High	Retain
2	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.20	0.24	2.40	1.82	Low	Remove
3	1	<i>Callistemon glaucophylla?</i>	White Cypress?	0.30	0.35	3.60	2.13	Moderate	Retain
4	1	<i>Callistemon glaucophylla?</i>	White Cypress?	0.42	0.50	5.04	2.47	Moderate	Retain
5	1	<i>Polyosma elegans</i>	Celery Wood	0.22	0.30	2.64	2.00	Moderate	Retain
6	1	<i>Lophostemon confertus</i>	Brush Box	0.69	0.81	8.28	3.03	High	Retain
7	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.54	0.57	6.48	2.61	Moderate	Remove
8	1	<i>Acer buergerianum</i>	Trident Maple	0.38	0.43	4.56	2.32	Moderate	Remove
9	1	<i>Acer palmatum</i>	Japanese Maple	0.48	0.39	5.04	2.23	Nil / Remove	Remove
10	1	<i>Pittosporum undulatum</i>	Sweet Pittosporum	0.18	0.27	2.16	1.91	Low	Remove
11	2	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.20	0.25	2.40	1.85	Nil / Remove	Remove
12	1	<i>Acer buergerianum</i>	Trident Maple	0.15	0.20	2.00	1.68	Low	Remove
13	1	<i>Nerium oleander</i>	Oleander	0.65	0.70	7.80	4.43	Low	Remove
14	1	<i>Jacaranda mimosifolia</i>	Jacaranda	0.46	0.75	5.52	2.93	Moderate	Remove
15	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.32	0.52	3.84	2.51	Low	Remove
16	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.44	0.50	5.28	2.47	Moderate	Remove
17	1	<i>Bucida buceras</i>	Ivy Curl Tree	0.11	0.14	2.00	1.45	Moderate	Remove
18	1	<i>Sapura sebifera</i> (syn. <i>Tridica sebifera</i>)	Chinese Tallow Tree	0.33	0.43	3.96	2.32	Low	Remove
19	1	<i>Syzygium australe</i>	Brush Cherry	0.16	0.16	2.00	1.53	Low	Remove
20	1	<i>Syzygium australe</i>	Brush Cherry	0.20	0.28	2.40	1.94	Low	Remove
21	1	<i>Acer buergerianum</i>	Trident Maple	0.22	0.34	2.64	2.10	Low	Remove
22	1	<i>Ulmus minor</i>	Field Elm?	0.51	0.60	6.12	2.67	Moderate	Retain
23	1	<i>Ligustrum lucidum</i>	Broadleaf Privet	0.18	0.25	2.16	1.85	Nil / Remove	Remove
24	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.15	2.00	1.49	Moderate	Remove
25	1	<i>Pyrus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Low	Retain
25.2	2	<i>Pyrus calleryana</i> cv.	Callery Pear	0.14	0.15	2.00	1.49	Low	Retain
26.1	3	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.14	2.00	1.45	Moderate	Retain
26.2	1	<i>Magnolia grandiflora</i>	American Bull Bay Magnolia	0.10	0.14	2.00	1.45	Moderate	Retain
27	2	<i>Pyrus calleryana</i> cv.	Callery Pear	0.11	0.15	2.00	1.49	Low	Retain
28	1	<i>Brachychiton acerifolius</i>	Illawarra Flame Tree	0.53	0.63	6.36	2.73	Moderate	Retain
29	1	<i>Cinnamomum camphora</i>	Camphor Laurel	0.23	0.40	2.76	2.25	Nil / Remove	Remove
30	1	<i>Calistemon viminalis</i> cv.	Weeping Bottlebrush	0.34	0.42	4.08	2.30	Low	Remove
31	1	<i>Lagerstroemia indica</i>	Crepe Myrtle	0.31	0.45	3.72	2.37	Low	Remove
32	1	<i>Angophora costata</i>	Smooth-barked Apple	0.73	0.86	8.76	3.11	High	Retain
33	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.15	2.00	1.49	Moderate	Retain
34	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.16	0.20	2.00	1.68	Moderate	Retain
35	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.14	0.17	2.00	1.57	Moderate	Retain
36	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.12	0.12	2.00	1.36	Moderate	Retain
37	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.13	0.13	2.00	1.40	Moderate	Retain
38	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.40	0.52	4.80	2.51	Low	Remove
39	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.35	0.47	4.20	2.41	Low	Remove
40	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.30	0.40	3.60	2.25	Low	Remove
41	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.28	0.35	3.36	2.13	Low	Remove
42	1	<i>Nerium oleander</i>	Oleander	0.35	0.75	4.20	2.93	Low	Remove
43	1	<i>Nerium oleander</i>	Oleander	0.30	0.75	3.60	2.93	Low	Remove
44	1	<i>Gordonia axillaris</i>	Fried Egg Tree	0.20	0.30	2.40	2.00	Low	Remove
45	1	<i>Photinia x fraseri Robusta</i>	Photinia	0.20	0.28	2.40	1.94	Low	Retain
46	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.68	1.68	15.00	4.12	High	Retain
47	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	0.90	1.18	10.80	3.55	High	Retain
48	1	<i>Eucalyptus saligna</i>	Sydney Blue Gum	1.10	1.58	13.20	4.01	High	Retain
49	1	<i>Eucalyptus saligna?</i>	Sydney Blue Gum?	0.10	0.13	2.00	1.40	High	Retain
50	1	<i>Ulmus parvifolia</i>	Chinese Elm	0.58	0.63	6.96	2.73	Moderate	Retain
51	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.81	0.94	9.72	3.22	High	Retain
52	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.64	0.81	7.68	3.03	High	Retain
53	1	<i>Populus nigra Italica</i>	Lombardy Poplar	0.46	0.65	5.52	2.59	Moderate	Retain
54	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.65	0.77	7.80	2.97	Moderate	Retain
55	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.49	0.63	5.88	2.73	Moderate	Retain
56	1	<i>Argophyllum costata</i>	Smooth-barked Apple	1.15	1.30	13.80	3.69	High	Retain
57	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.66	0.86	7.92	3.11	Moderate	Retain
58	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.52	0.66	6.24	2.78	Moderate	Retain
59	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.90	1.00	10.80	3.31	Moderate	Retain
60	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.58	0.77	6.96	2.97	Moderate	Retain
61	1	<i>Wisteria floribunda</i>	Weeping Lilly Pilly	0.22	0.28	2.64	1.94	Low	Retain
62	3	<i>Prunus cerasifera Nigra</i>	Purple-leaved Cherry-plum	0.11	0.14	2.00	1.45	Low	Retain
63	1	<i>Cupressus cashmeriana</i>	Kashmir Cypress	0.75	0.90	9.00	3.17	High	Retain
64	3	<i>Elaeocarpus eumundii</i>	Eumundi Quandong	0.10	0.13	2.00	1.40	Low	Retain
65	1	<i>Nyssa sylvatica</i>	Tuliptree	0.40	0.48	4.80	2.43	Moderate	Retain
66	1	<i>Cedrus deodara</i>	Himalayan Cedar	0.69	0.74	8.28	2.92	High	Retain
67	1	<i>Radermachera sinica</i>	China Doll Tree	0.33	0.40	3.96	2.25	Low	Retain
68	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.65	0.82	7.44	3.04	Moderate	Retain
69	1	<i>Liquidambar styraciflua</i>	Liquidambar	0.62	0.87	7.44	3.12	Moder	



HammondCare - Stage 2, Wahroonga - Tree Assessment Schedule										
Tree ID	Tree in Group	Tree Species	Common Name	Trunk Diameter Breast Height (dbh) (m)	Trunk diameter at base (dbh) (m)	Nominal radius (m) AS 4970	TPZ radius (m) AS 4970	SRZ radius (m) AS 4970	Retention Value	Recommendation
1	1	Lophostemon confertus	Brush Box	1.17	1.34	14.04	3.74	High	Retain	
2	1	Brachychiton acerifolius	Illawarra Flame Tree	0.20	0.24	2.40	1.82	Low	Remove	
3	1	Callis glaucophylla?	White Cypress?	0.30	0.35	3.60	2.13	Moderate	Retain	
4	1	Callis glaucophylla?	White Cypress?	0.42	0.50	5.04	2.47	Moderate	Retain	
5	1	Polyosma elegans	Celery Wood	0.22	0.30	2.64	2.00	Moderate	Retain	
6	1	Lophostemon confertus	Brush Box	0.69	0.81	8.28	3.03	High	Retain	
7	1	Jacaranda mimosifolia	Jacaranda	0.54	0.57	6.48	2.61	Moderate	Remove	
8	1	Acer buergerianum	Trident Maple	0.38	0.43	4.56	2.32	Moderate	Remove	
9	1	Acer palmatum	Japanese Maple	0.48	0.59	5.04	2.23	Nil / Remove	Remove	
10	1	Pittosporum undulatum	Sweet Pittosporum	0.18	0.27	2.16	1.91	Low	Remove	
11	2	Ligustrum lucidum	Broadleaf Privet	0.20	0.25	2.40	1.85	Nil / Remove	Remove	
12	1	Acer buergerianum	Trident Maple	0.15	0.20	2.00	1.68	Low	Remove	
13	1	Nerium oleander	Oleander	0.65	0.70	7.80	4.43	Low	Remove	
14	1	Jacaranda mimosifolia	Jacaranda	0.46	0.75	5.52	2.93	Moderate	Remove	
15	1	Gordonia axillaris	Fried Egg Tree	0.32	0.52	3.84	2.51	Low	Remove	
16	1	Brachychiton acerifolius	Illawarra Flame Tree	0.44	0.50	5.28	2.47	Moderate	Remove	
17	1	Bucida buceras	Ivory Curl Tree	0.11	0.14	2.00	1.45	Moderate	Remove	
18	1	Sapindus sebiferum (syn. Tridica sebifera)	Chinese Tallow Tree	0.33	0.43	3.96	2.32	Low	Remove	
19	1	Syzygium australe	Brush Cherry	0.01	0.16	2.00	1.53	Low	Remove	
20	1	Syzygium australe	Brush Cherry	0.20	0.28	2.40	1.94	Low	Remove	
21	1	Acer buergerianum	Trident Maple	0.22	0.34	2.64	2.10	Low	Remove	
22	1	Ulmus minor?	Field Elm?	0.51	0.60	6.12	2.67	Moderate	Retain	
23	1	Ligustrum lucidum	Broadleaf Privet	0.18	0.25	2.16	1.85	Nil / Remove	Remove	
24	1	Magnolia grandiflora	American Bull Bay Magnolia	0.10	0.15	2.00	1.49	Moderate	Remove	
25	1	Pyrus calleryana cv.	Callery Pear	0.14	0.15	2.00	1.49	Low	Retain	
25.2	2	Pyrus calleryana cv.	Callery Pear	0.14	0.15	2.00	1.49	Moderate	Retain	
26.1	3	Magnolia grandiflora	American Bull Bay Magnolia	0.10	0.14	2.00	1.45	Moderate	Retain	
26.2	1	Magnolia grandiflora	Callery Pear	0.11	0.15	2.00	1.49	Low	Retain	
27	2	Pyrus calleryana cv.	Callery Pear	0.11	0.15	2.00	1.49	Moderate	Retain	
28	1	Brachychiton acerifolius	Illawarra Flame Tree	0.53	0.63	6.36	2.73	Moderate	Retain	
29	1	Cinnamomum camphora	Camphor Laurel	0.23	0.40	2.76	2.25	Nil / Remove	Remove	
30	1	Callicoma viminalis cv.	Weeping Bottlebrush	0.34	0.42	4.08	2.30	Low	Remove	
31	1	Laportea indica	Crepe Myrtle	0.31	0.45	3.72	2.37	Low	Remove	
32	1	Angophora costata	Smooth-barked Apple	0.73	0.86	8.76	3.11	High	Retain	
33	1	Gordonia axillaris	Fried Egg Tree	0.14	0.15	2.00	1.49	Moderate	Retain	
34	1	Gordonia axillaris	Fried Egg Tree	0.16	0.20	2.00	1.68	Moderate	Retain	
35	1	Gordonia axillaris	Fried Egg Tree	0.14	0.17	2.00	1.57	Moderate	Retain	
36	1	Gordonia axillaris	Fried Egg Tree	0.12	0.12	2.00	1.36	Moderate	Retain	
37	1	Gordonia axillaris	Fried Egg Tree	0.13	0.19	2.00	1.40	Moderate	Retain	
38	1	Gordonia axillaris	Fried Egg Tree	0.40	0.52	4.80	2.51	Low	Remove	
39	1	Gordonia axillaris	Fried Egg Tree	0.35	0.47	4.20	2.41	Low	Remove	
40	1	Gordonia axillaris	Fried Egg Tree	0.30	0.40	3.60	2.25	Low	Remove	
41	1	Gordonia axillaris	Fried Egg Tree	0.28	0.35	3.36	2.13	Low	Remove	
42	1	Nerium oleander	Oleander	0.35	0.75	4.20	2.93	Low	Remove	
43	1	Nerium oleander	Oleander	0.30	0.75	3.60	2.93	Low	Remove	
44	1	Gordonia axillaris	Fried Egg Tree	0.20	0.30	2.40	2.00	Low	Remove	
45	1	Photinia x fraseri 'Robusta'	Photinia	0.20	0.28	2.40	1.94	Low	Retain	
46	1	Eucalyptus saligna	Sydney Blue Gum	1.46	1.68	15.00	4.12	High	Retain	
47	1	Eucalyptus saligna	Sydney Blue Gum	0.90	1.18	10.80	3.55	High	Retain	
48	1	Eucalyptus saligna	Sydney Blue Gum	1.10	1.58	13.20	4.01	High	Retain	
49	1	Eucalyptus saligna?	Sydney Blue Gum?	0.10	0.13	2.00	1.40	High	Retain	
50	1	Ulmus parvifolia	Chinese Elm	0.58	0.63	6.96	2.73	Moderate	Retain	
51	1	Liquidambar styraciflua	Liquidambar	0.81	0.94	9.72	3.22	High	Retain	
52	1	Liquidambar styraciflua	Liquidambar	0.64	0.81	7.68	3.03	High	Retain	
53	1	Populus nigra 'Italic'	Lombardy Poplar	0.46	0.65	5.52	2.59	Moderate	Retain	
54	1	Liquidambar styraciflua	Liquidambar	0.65	0.77	7.80	2.97	Moderate	Retain	
55	1	Liquidambar styraciflua	Liquidambar	0.49	0.63	5.88	2.73	Moderate	Retain	
56	1	Angophora costata	Smooth-barked Apple	1.15	1.30	13.80	3.69	High	Retain	
57	1	Liquidambar styraciflua	Liquidambar	0.66	0.86	7.92	3.11	Moderate	Retain	
58	1	Liquidambar styraciflua	Liquidambar	0.52	0.66	6.24	2.78	Moderate	Retain	
59	1	Liquidambar styraciflua	Liquidambar	0.90	1.00	10.80	3.31	Moderate	Retain	
60	1	Liquidambar styraciflua	Liquidambar	0.58	0.77	6.96	2.97	Moderate	Retain	
61	1	Wisteria floribunda	Weeping Lilly Pilly	0.22	0.28	2.64	1.94	Moderate	Retain	
62	3	Prunus cerasifera 'Nigra'	Purple-leaved Cherry-plum	0.11	0.14	2.00	1.45	Low	Retain	
63	1	Cupressus cashmeriana	Kashmir Cypress	0.75	0.90	9.00	3.17	High	Retain	
64	3	Elaeocarpus eumundi	Eumundi Quandong	0.10	0.13	2.00	1.40	Low	Retain	
65	1	Nyssa sylvatica	Tuliptree	0.40	0.48	4.80	2.43	Moderate	Retain	
66	1	Cedrus deodara	Himalayan Cedar	0.6	0.74	8.28	2.92	High	Retain	
67	1	Radermachera sinica	China Doll Tree	0.33	0.40	3.96	2.25	Low	Retain	
68	1	Liquidambar styraciflua	Liquidambar	0.6	0.82	7.44	3.04	Moderate	Retain	
69	1	Liquidambar styraciflua	Liquidambar	0.6	0.87	7.44	3.12	Moderate	Retain	
70	1	Liquidambar styraciflua	Liquidambar	0.44	0.56	5.28	2.59	Moderate	Retain	
71	1	Liquidambar styraciflua	Liquidambar	0.46	0.61	5.52	2.69	Moderate	Retain	
72	1	Liquidambar styraciflua	Liquidambar	0.58	0.74	6.96	2.92	Moderate	Retain	
73	1	Liquidambar styraciflua	Liquidambar	0.55	0.72	6.60	2.88	Nil / Remove	Retain	
74	1	Liquidambar styraciflua	Liquidambar	0.70	0.96	8.40</				

TREE PROTECTION SPECIFICATIONS

1. Tree Protection Measures and Protocols.

All work around existing trees to be retained shall be in accordance with AS 4970-2009 Protection of trees on development sites with the clear establishment of the required Tree Protection Areas (TPA's). If the scope of work allowed within or the extent of the Tree Protection Areas of existing trees is not clear, please refer to the Contract Manager or Project Consulting Arborist for clarification.

Before any site works commence tree protection zones and other measures must be established and conveyed to those all working on the site. The Contractor shall ensure all subcontractors are inducted prior to working on the site. All inductions shall include description and identification of the Tree Protection Zones and the restriction on work and activities with regard to trees.

Damage to roots or degradation of the soil through compaction and/or excavation within TPA's is likely to cause serious damage to the tree. Any work operations required within TPA's must be carried out with extreme care. All trees, palms and other shrubs within TPA's are to be retained unless shown otherwise on the Tree Protection Plan(s). Trees marked for retention shall not be used to display signage, or as fence or cable supports for any reason. No materials stockpiling, chemicals or washout areas are permitted immediately upslope of or within the Tree Protection Area. The washing down of wheel barrows, paint cans/brushes, acids and the like shall not be done near existing trees as the runoff is very harmful to tree roots.

No fuel powered pumps or generators or air compressors are to be placed within TPA's. No fuel or chemicals shall be stored and no equipment or vehicles shall be serviced or re-fuelled within a TPA.

2. Controlled Construction Access

Construction access points, stockpiling and storage areas shall be clearly identified on site and fenced off where appropriate. Uncontrolled access and parking of vehicles inside TPA's shall be avoided. If access is required through a tree protection area, the access way shall be treated with ground protection.

3. Tree Protection Fencing & Signage

The Tree Protection Plan(s) shows the extent of areas to be fenced and protected. Protection measures shall be certified as adequate by the Project Consulting Arborist. This fencing may form part of the general construction site fencing, where practical. It shall remain in place as long as possible and typically not be removed until the final landscape installation in those areas begins.

All tree protection fencing shall be 1800mm high galvanised chain wire or welded steel mesh. Fencing must be bolted together and secured with the necessary back stays and bracing.

Star pickets with bunting or danger tape shall not constitute acceptable tree protection fencing.

Suitable signage as defined by AS 4970-2009 Appendix C shall be affixed to the external side of the fencing at a spacing of not less than 1 sign per 20 lineal metres of fence.

If fence locations conflict with the proposed works, contact the Project Consulting Arborist and Contract Manager for resolution. No new services (unless under-bored) shall be located within or through the Tree Protection Area.

4. Trunk and Lower Branch Protection

A trunk barrier is to be erected around the circumference of the tree trunk and root buttress where shown. This barrier will consist of two to three 'rings' of 50mm diameter socked ag-line wrapped around tree trunk or branch and the ends cable tied to secure in place. A layer of battens is to be placed over and tight to the ag-lines. The battens are to have a maximum spacing of 50mm. The height of the battens is to be 2 metres or to the height of the first branches. Lower large branches may require the same protection if likely to be damaged by passing vehicles or equipment. Secure battens in place with galvanised steel bracing straps. Do not nail into or otherwise injure the trunk or bark. Battens may be made from any suitable waste timber of similar sizes and depths. All sharp or protruding edges are to be properly covered with tape or similar padding.

5. Works within the TPA's

All work within the root zone of existing trees shall be undertaken with the utmost care. If by necessity a tree requires removal of branches for building or access, pruning shall be done in strict accordance with accepted arboriculture techniques and AS 4373-2007. No rubbish, spoil or new materials shall be placed on the root zone of any existing tree or against their trunks.

6. Ground Protection

If it is proposed to create any access route, or similar, within the TPA of a retained tree, the Contractor shall install rumble boards over the TPA ground surface. No excavation shall be allowed. Contractor shall first place a suitable permeable geotextile to the extent required and then a 100mm thick layer of wood chip mulch or coarse no-fines gravel over the extent to be covered. Then place hardwood boards (minimum 3600 x 200 x 75mm) on their flat edge, side by side, with a 30 - 50mm gap to form a rumble strip. These boards are to be held together with three galvanised metal bracing straps nailed to each board. The two outer straps are to be approximately 200mm in from the ends of the boards. The third strap is to be along the centre line of the boards.

7. Provision of Temporary Irrigation

No temporary irrigation requirement is anticipated for this project. However if accidental damage or other weather extremes dictate and the Project Consulting Arborist considers one is necessary it shall be installed as per the following. A temporary and automated (battery powered timer is sufficient) watering system to be placed within the specified TPAs of the trees nominated to maintain adequate water to the retained trees and help maintain their healthy condition. This shall be a surface mounted 'residential-style' soaker hose and/or similar surface sprinkler systems. It is to be surface visible and spray delivered so that is operation can be easily visible and verified. It should be on a designated supply line, separate from other construction related water supplies to minimise its likelihood of being disconnected.

Typically, during spring and summer months it should be set to run for a minimum of 30 minutes every day, in the early morning. During, autumn and winter months it should be set to run for 1 hour once every week. The operation can be suspended temporarily in periods of extensive and prolonged rain. The system is to remain in place for the duration of construction, or until the Project Consulting Arborist approves its removal. It may be removed to allow final landscape treatments to proceed. If accidentally disturbed or damaged by construction activities, it is to be reinstated as soon as practicable.

8. Structural Demolition Within TPA's

Project Consulting Arborist shall be on site during all demolition work within the TPA's to monitor and advise on tree protection. Secateurs and a handsaw shall be available to deal with and cleanly cut any exposed roots that have to be cut. Machines with a long reach may be used if they can work from outside TPA's or from protected areas within TPA's. They shall not encroach onto unprotected soil in TPA's.

Debris to be removed from TPA's must be moved across existing hard surfacing or temporary ground protection in a way that prevents compaction and disturbance of soil. Alternatively, it can be lifted out by machines provided this does not disturb TPA's or damage the canopy. If appropriate, leave below ground structures such as footings and disused pipes in place if their removal will cause excessive root disturbance.

When pulling up existing paving the Contractor shall work backwards, lifting demolished paving back onto the existing paving. Roots may be found growing under the pavement and should not be trafficked. Roots growing into existing sub-base should be left and new surface finishes placed over the top without disturbance.

9. Excavations or Trenching within TPA's

Excavation within TPA's shall not be allowed using mechanical equipment such as excavators or backhoes. Excavation within TPA's shall only be carried out carefully by hand taking care not to damage the bark and wood of any roots. Specialist tools for removing soil around roots using compressed air (air spade), or water vacuum extraction shall be an appropriate alternative to hand digging and is the preferred method.

Exposed roots to be removed shall be cut cleanly with a sharp saw or secateurs at the face of the excavation. Roots temporarily exposed must be protected by appropriate covering with damp hessian or sand. Roots greater than 50mm in diameter are to be retained and shall only be cut in exceptional circumstances and only after consultation with the Project Consulting Arborist. Roots greater than 100mm in diameter shall typically not be allowed to be cut and must be worked around.

10. Soft Landscaping Installation

Final trimming and planting shall be judiciously undertaken around trees. All soft landscaping within the tree protection zones will be installed with care to avoid root disturbance from irrigation trenching, lighting installation and the planting of larger plants. Permanent irrigation (if used) shall be installed as spray heads located outside of TPA's and spraying inwards. All other services such as small-scale electrical services shall also be designed and installed to avoid any excavation or trenching around the trees.

No significant excavation or cultivation, especially by rotary hoes or excavators, shall occur within TPA's. Where new designs require the levels to be increased, good quality and permeable top soil shall be used. It should be firmed into place but not over compacted. All areas close to tree trunks shall be kept at the original ground level. Where turf is to be installed tree trunks shall have mulched rings applied rather than grass laid up to the trunk.

The size of the installed plants shall typically be less than 5L pots so that the maximum depth of the new root balls is less than 200mm. Any planting proposed that is larger than this shall be only installed outside of the SRZ and with care to not injure roots while digging planting holes.

11. Canopy Pruning

The Contractor shall prune branches of protected trees only as directed by the Project Consulting Arborist. Pruning is only to be undertaken by a qualified arborist (under the supervision of a person with AQF Level 4 or above). The Project Consulting Arborist is to be present at all times during the pruning work. Work is to be in strict accordance with AS4373 Pruning of Amenity Trees. Do not treat wounds.

12. Root Pruning

Pruning of roots of protected trees shall only be as directed by the Project Consulting Arborist. The Tree Contractor shall use only a qualified arborist (AQF Level 4 or above). The Project Consulting Arborist is to be present at all times during the root pruning.

Roots are not to be cut using normal excavation machinery of any sort. This usually results in splitting and massive disturbance well past the intended line of cut. When required to cut roots, use hand methods and sharp hand tools (e.g. secateurs, hand saw) such that the remaining root systems are preserved intact and undamaged. Roots are to be cut back by hand square to the direction of the root travel (or edge of the excavation). Do not cut any tree roots exceeding 40mm diameter unless permitted. Excavations within root zones should be kept open for as short a period as possible. Any excavated face containing roots is to be temporarily supported, where necessary, to prevent soil loss from around the other retained roots.

13. Accidental Tree Damage

Should a tree be accidentally damaged, the Contractor shall immediately notify the Project Consulting Arborist. Timing can be of the essence, particularly with bark injuries, trunk damage or chemical contaminations.

If a branch has been broken, it shall be removed and the damaged end pruned to a suitable branch collar. If the branch has been torn out of the trunk, assessment shall be made and the damage cleaned up by as much as possible without further damage to the tree.

If roots are accidentally disturbed or excavated, any broken, crushed and torn sections shall be exposed and pruned leaving clean cuts to minimise risk of infection by fungal pathogens and promote good conditions for new root growth.

Example image of acceptable tree protection fencing measures to be applied. (1.8m high rigid metal fencing with appropriate lateral bracing)



Example image of acceptable tree protection battens



Example image of acceptable ground protection rumble boards

