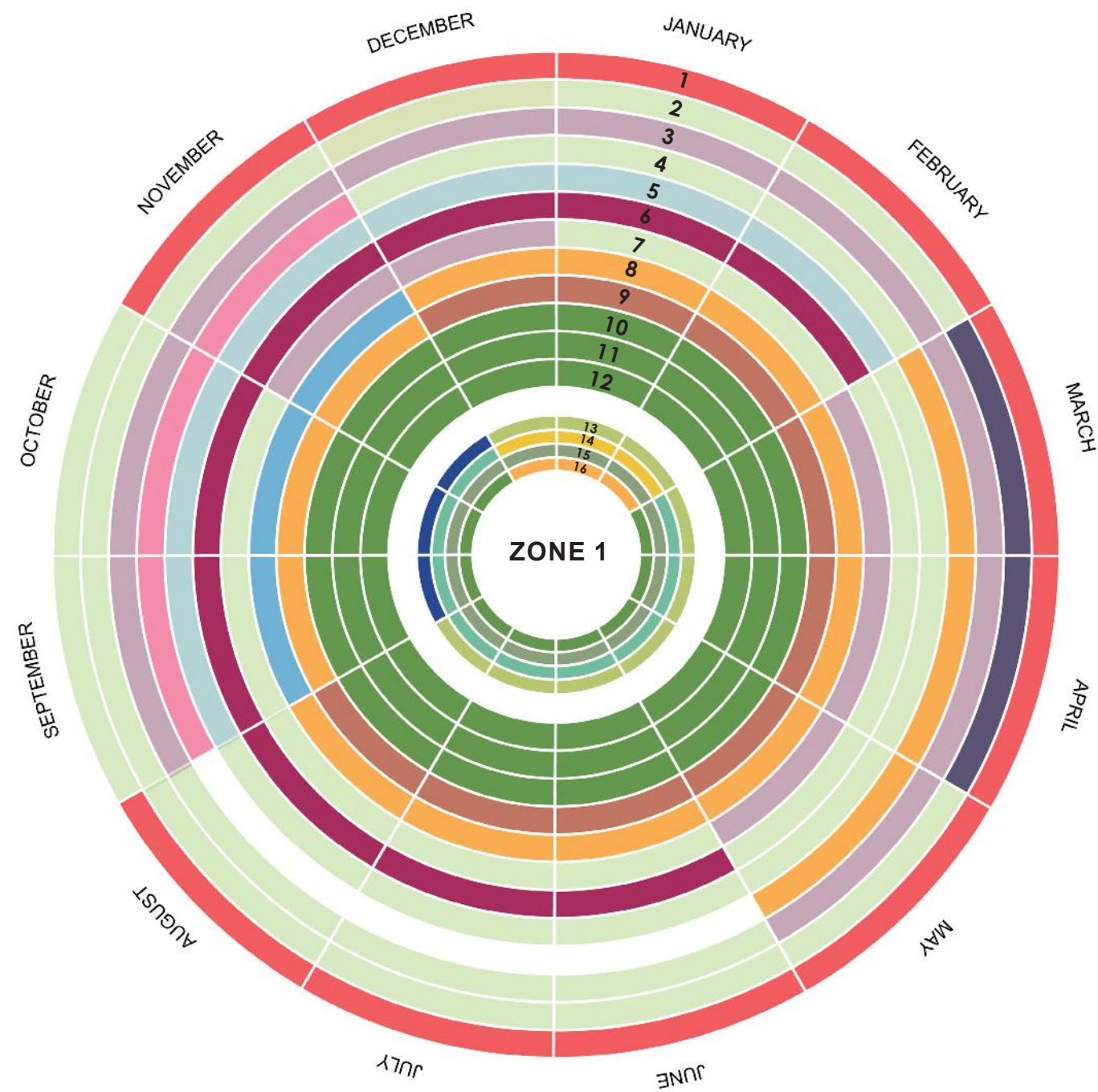
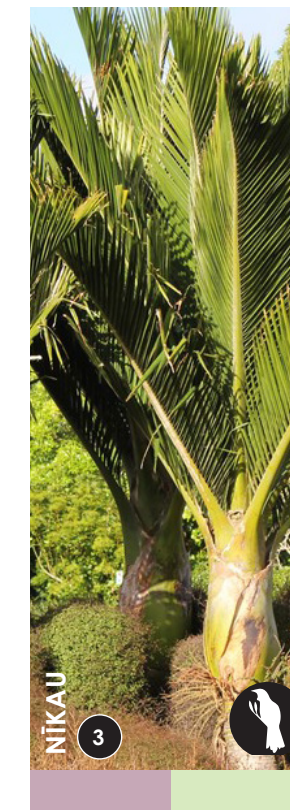
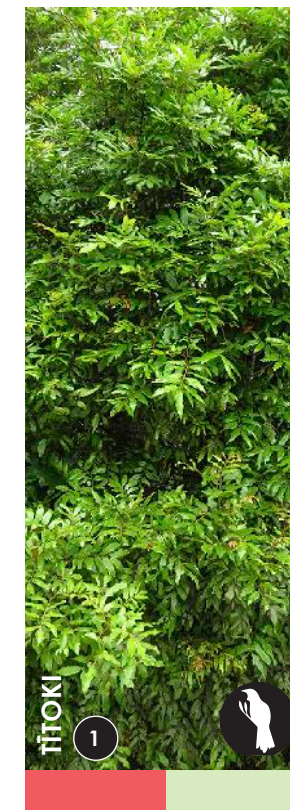




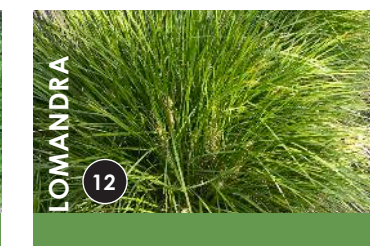
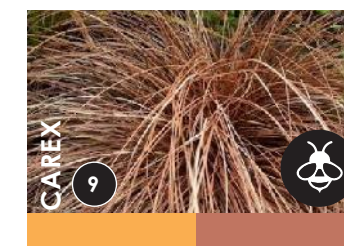
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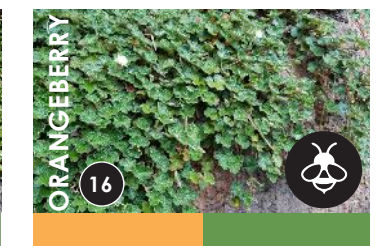
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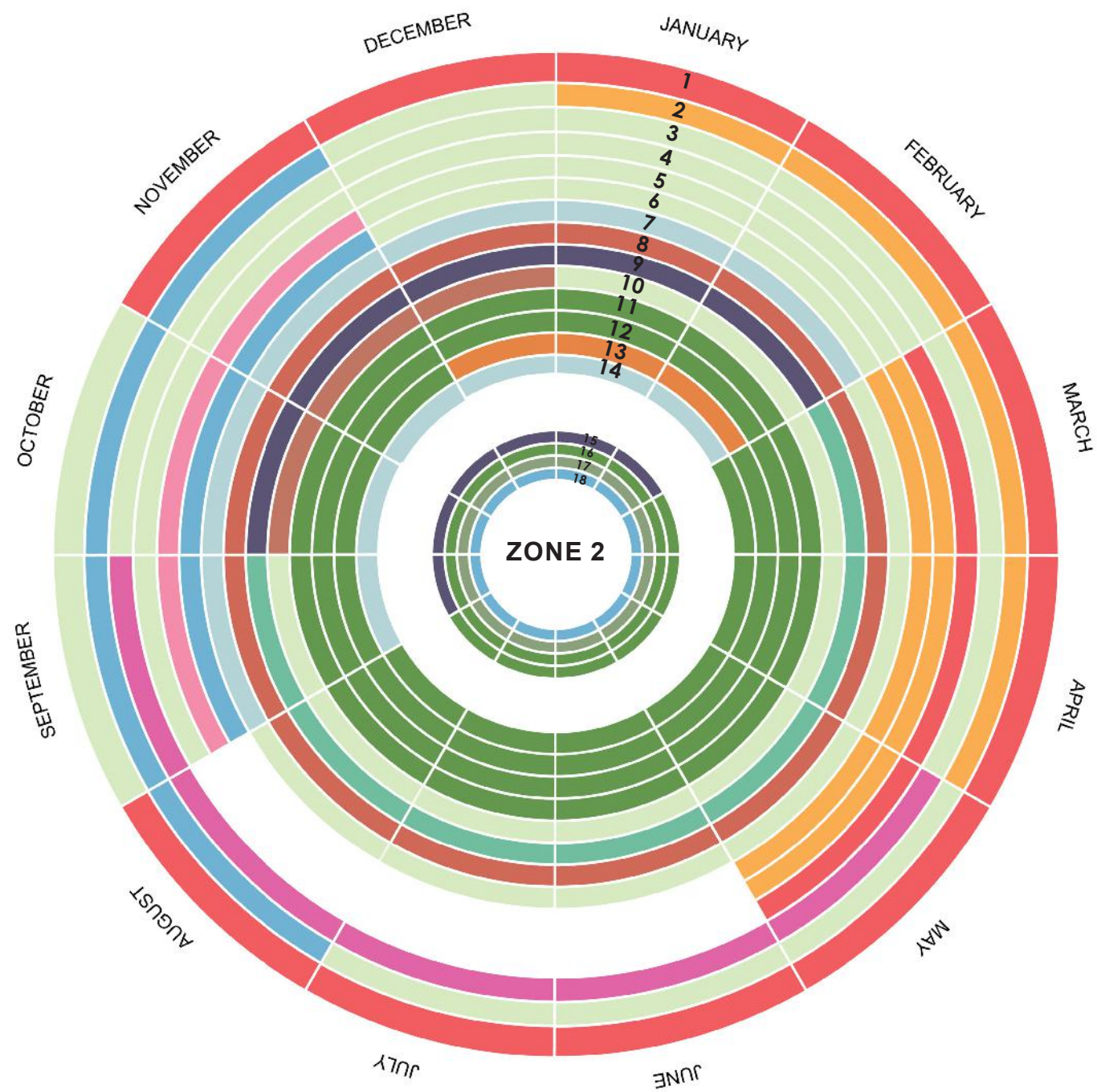


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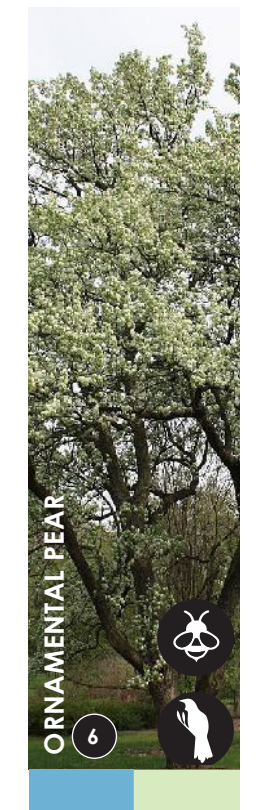
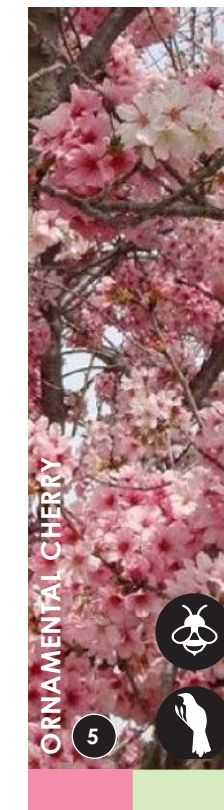
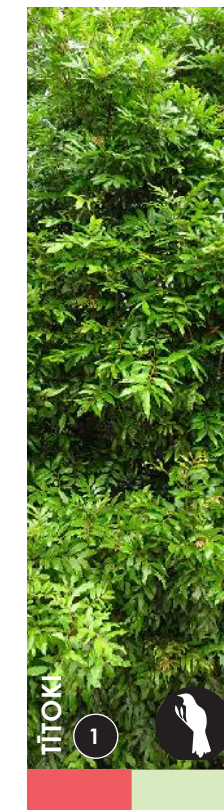


GROUND COVER

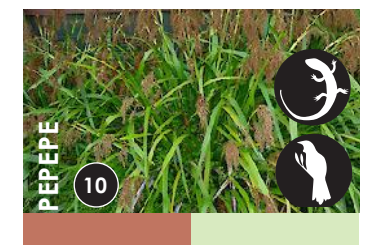
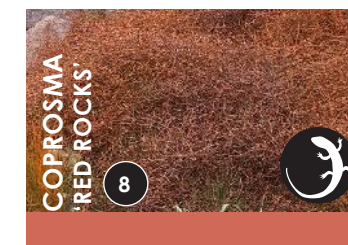




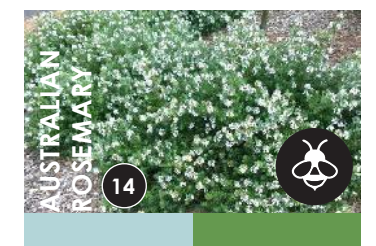
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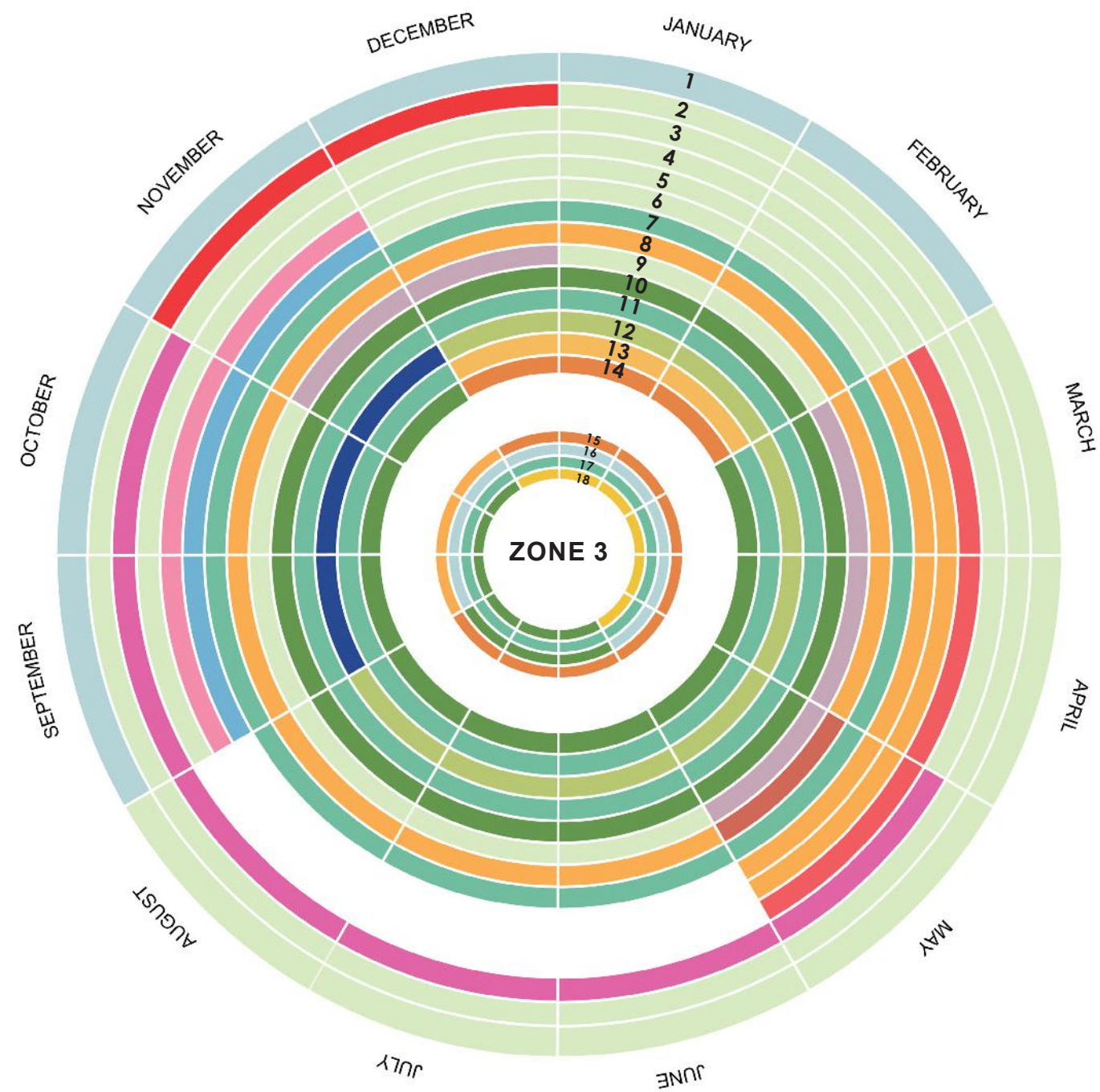


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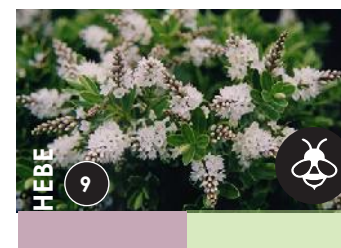


STRUCTURAL



SEASONAL

FEATURE



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GROUND COVER



EXISTING RETAINED AND REMOVED TREES

For additional data refer to Arborconnect Arboricultural Assessment

EXISTING TREES

REMOVED = 70

- Includes Carrington Rd (35), Road Widening Area (12), Segar Ave (14) & the Carrington Development gates (9)
- 49 Street Tree removals subject to AC Tree Owner Approval (839.5 m2 canopy loss in existing road reserve)
- 32 Trees require resource consent for removal

RETAINED = 30 (1,206m2 OF CANOPY)

Within future corridor extent and Segar Ave - does not include other side roads.
Works within root zones of two retained trees require resource consent.

PROPOSED TREES

PROPOSED = 180 (AT PRELIMINARY DESIGN)

Includes Segar Ave and all gates. AC Urban Ngahere team recommended 1x 45L tree to replace 10m2 of removed street tree canopy cover. Proposed trees 96 more than the required minimum street tree replacement number of 84.

PROPOSED COMBINED CANOPY COVERAGE = 2,946 m2

Retained tree canopy area (1,206m2) combined with an estimated canopy area for proposed trees at 10 years maturity & approx. 8m height (1,740m2). Net gain of 450m2 canopy area.
Estimated average project canopy coverage in berm areas 13.75% (21,432 m2), and 5.6% including carriageway areas (52,632m2)

LEGEND

RETAINED

REMOVED

TRANSPLANTED

DEAD (EXCLUDED)

Tree / Group Number	Botanical name	Species	Height	Canopy Spread	Condition	Location
1	<i>Alectryon excelsus</i>	Titoki	5	7	Good	O/S 28 Carrington Rd on Sutherland Rd
15	<i>Tristaniopsis laurina</i>	Water gum	6	5.2	Poor	O/S 56 Carrington Rd on Segar Ave
16	<i>Vitex lucens</i>	Pūriri	3.5	2.2	Fair	O/S 56 Carrington Rd on Segar Ave
17	<i>Vitex lucens</i>	Pūriri	3.3	2.6	Poor	O/S 56 Carrington Rd on Segar Ave
18	<i>Tristaniopsis laurina</i>	Water gum	6.8	6.8	Fair	O/S 56 Carrington Rd on Segar Ave
19	<i>Tristaniopsis laurina</i>	Water gum	6	6.8	Good	O/S 56 Carrington Rd on Segar Ave
20	<i>Tristaniopsis laurina</i>	Water gum	6.4	6.6	Good	O/S 56 Carrington Rd on Segar Ave
21	<i>Metrosideros excelsa</i>	Pōhutukawa	9.8	7	Fair	O/S 56 Carrington Rd on Segar Ave
22	<i>Metrosideros excelsa</i>	Pōhutukawa	10.8	9.2	Good	O/S 56 Carrington Rd on Segar Ave
23	<i>Tristaniopsis laurina</i>	Water gum	5.3	5	Good	O/S 56 Carrington Rd on Segar Ave
24	<i>Metrosideros excelsa</i>	Pōhutukawa	9.2	7.2	Fair	O/S 56 Carrington Rd on Segar Ave
25	<i>Tristaniopsis laurina</i>	Water gum	4.2	6.4	Good	O/S 56 Carrington Rd on Segar Ave
26	<i>Vitex lucens</i>	Pūriri	3	1.6	Poor	O/S 56 Carrington Rd on Segar Ave
27	<i>Vitex lucens</i>	Pūriri	3.2	1.7	Poor	O/S 56 Carrington Rd on Segar Ave
28	<i>Metrosideros excelsa</i>	Pōhutukawa	9.4	7.2	Fair	O/S 56 Carrington Rd on Segar Ave
29	<i>Beilschmiedia tarairi</i>	Taiaire	3.2	0.8	Poor	O/S 56 Carrington Rd on Segar Ave
30	<i>Metrosideros excelsa</i>	Pōhutukawa	12	8.8	Good	O/S 56 Carrington Rd on Segar Ave
31	<i>Vitex lucens</i>	Pūriri	9.2	6.2	Fair	O/S 56 Carrington Rd on Segar Ave
32	<i>Vitex lucens</i>	Pūriri	8.6	7.8	Fair	O/S 56 Carrington Rd on Segar Ave
33	<i>Vitex lucens</i>	Pūriri	2.9	1.8	Poor	O/S 56 Carrington Rd on Segar Ave
34	<i>Metrosideros excelsa</i>	Pōhutukawa	10.6	7.4	Good	O/S 56 Carrington Rd on Segar Ave
35	<i>Rhopalostylis sapida</i>	Nikau	4.6	2.8	Good	O/S 5 - 27 Sutherland Rd on Segar Ave
36	<i>Pittosporum crassifolium</i>	Karo	4.6	5.2	Fair	O/S 5 - 27 Sutherland Rd on Segar Ave
37	<i>Vitex lucens</i>	Pūriri	4.6	3.4	Fair	O/S 5 - 27 Sutherland Rd on Segar Ave
38	<i>Metrosideros excelsa</i>	Pōhutukawa	8.2	7.6	Good	O/S 5 - 27 Sutherland Rd on Segar Ave
39	<i>Corynocarpus laevigatus</i>	Karaka	1.5	1.4	Poor	O/S 5 - 27 Sutherland Rd on Segar Ave
40	<i>Metrosideros excelsa</i>	Pōhutukawa	9.2	6	Poor	O/S 5 - 27 Sutherland Rd on Segar Ave
41	<i>Metrosideros excelsa</i>	Pōhutukawa	9	7.8	Poor	O/S 5 - 27 Sutherland Rd on Segar Ave
42	<i>Tristaniopsis laurina</i>	Water gum	64	6.2	Fair	O/S 5 - 27 Sutherland Rd on Segar Ave
43	<i>Tristaniopsis laurina</i>	Water gum	6.8	8.8	Good	O/S 5 - 27 Sutherland Rd on Segar Ave
44	<i>Vitex lucens</i>	Pūriri	3.2	1.2	Dead	O/S 18 Rawalpindi St on Segar Ave
46	<i>Tristaniopsis laurina</i>	Water gum	8	12	Fair	O/S 78 Carrington Rd on Segar Ave
50	<i>Prunus campanulata</i>	Taiwan cherry	4.2	1.8	Fair	O/S 86 Carrington Rd
51	<i>Vitex lucens</i>	Pūriri	3.4	2.8	Good	O/S 86 Carrington Rd on Tasman Ave
53	<i>Melia azedarach</i>	Melia	6.2	16	Fair	O/S 98 Carrington Rd on Fontenoy St
54	<i>Melia azedarach</i>	Melia	6	11	Good	O/S 100 Carrington Rd on Fontenoy St
57	<i>Tristaniopsis laurina</i>	Water gum	6.8	8	Fair	O/S 112 Carrington Rd on Fifth Ave
58	<i>Prunus spp.</i>	Flowering cherry	5.4	5.2	Fair	O/S 4-8 Seadview Rd on Carrington Rd (Glad)
61	<i>Prunus yedoensis 'Awanui'</i>	Awanui cherry	4	6.8	Poor	O/S 172 Carrington Rd
64	<i>Alectryon excelsus</i>	Titoki	4.3	6.2	Good	O/S 210 Carrington Rd on Counsel Toe
66	<i>Alectryon excelsus</i>	Titoki	2.3	0.8	Poor	O/S 214 Carrington Rd
73	<i>Alectryon excelsus</i>	Titoki	4.6	7.2	Fair	O/S 131 Carrington Rd on Woodward Rd
75	<i>Washingtonia robusta</i>	Washingtonia	7.5	3.8	Good	O/S 131 Carrington Rd
77	<i>Metrosideros excelsa</i>	Pōhutukawa	11.2	16.4	Good	O/S 131 Carrington Rd
78	<i>Prunus spp.</i>	Flowering cherry	3.2	3.8	Fair	O/S 131 Carrington Rd
79	<i>Prunus spp.</i>	Flowering cherry	3.5	3	Poor	O/S 131 Carrington Rd
80	<i>Prunus spp.</i>	Flowering cherry	3	2	Poor	O/S 131 Carrington Rd
81	<i>Prunus spp.</i>	Flowering cherry	4.2	7.4	Fair	O/S 131 Carrington Rd
82	<i>Prunus spp.</i>	Flowering cherry	7.4	11.2	Fair	O/S 139 Carrington Rd
83	<i>Syzygium smithii</i>	Acmena	8.2	12.8	Fair	O/S 139 Carrington Rd
84	<i>Syzygium smithii</i>	Acmena	9.8	13.8	Poor	O/S 139 Carrington Rd
85	<i>Pittosporum tenuifolium 'Variegatum'</i>	Variegated Kohuhu	6.5	7.6	Poor	O/S 139 Carrington Rd

Tree / Group Number	Botanical name	Species	Height	Canopy Spread	Condition	Location
86	<i>Griselinia littoralis</i>	Kāpuka (Griselinia)	4.8	11.6	Fair	O/S 139 Carrington Rd
87	<i>Pittosporum tenuifolium 'Variegatum'</i>	Variegated Kohuhu	6.5	7.6	Fair	O/S 139 Carrington Rd
90	<i>Pittosporum eugenioides</i>	Tarata	7	6.9	Fair	131 Carrington Rd
92	<i>Cordyline australis</i>	Cabbage tree	7.8	3	Good	O/S 131 Carrington Rd
94	<i>Gordonia axillaris</i>	Gordonia	4.8	5	Good	131 Carrington Rd
95	<i>Liquidambar spp.</i>	Liquidambar	15.2	13	Fair	131 Carrington Rd
97	<i>Agathis robusta</i>	Queensland kauri	12.2	5	Fair	131 Carrington Rd
98	<i>Agathis robusta</i>	Queensland kauri	12	4.2	Fair	131 Carrington Rd
99	<i>Metrosideros excelsa</i>	Pōhutukawa	7.2	6.7	Fair	131 Carrington Rd
100	<i>Metrosideros excelsa</i>	Pōhutukawa	7	7.6	Fair	131 Carrington Rd
101	<i>Quercus ilex</i>	Holm oak	3	1.9	Poor	O/S 131 Carrington Rd
102	<i>Prunus spp.</i>	Flowering cherry	4.6	7.4	Fair	O/S 131 Carrington Rd
103	<i>Prunus spp.</i>	Flowering cherry	5.1	6	Poor	O/S 131 Carrington Rd
104	<i>Prunus spp.</i>	Flowering cherry	5.2	5.8	Fair	O/S 131 Carrington Rd
131		Cedar	12	16	Dead	131 Carrington Rd
132	<i>Corynocarpus laevigatus</i>	Karaka	7	6	Poor	131 Carrington Rd
105	<i>Prunus spp.</i>	Flowering cherry	4.8	4.8	Fair	O/S 99 Carrington Rd
106	<i>Prunus yedoensis 'Awanui'</i>	Awanui	4.4	6.4	Fair	O/S 99 Carrington Rd
107	<i>Prunus spp.</i>	Flowering cherry	4.2	4	Poor	O/S 99 Carrington Rd
108	<i>Sequoia sempervirens</i>	Redwood	2.4	1.6	Fair	O/S 99 Carrington Rd
109	<i>Prunus spp.</i>	Flowering cherry	4.8	4.8	Fair	O/S 1 Carrington Rd
110	<i>Prunus spp.</i>	Flowering cherry	4.8	5	Poor	O/S 1 Carrington Rd
111	<i>Prunus spp.</i>	Flowering cherry	4.1	5.2	Poor	O/S 1 Carrington Rd
112	<i>Prunus spp.</i>	Flowering cherry	3.7	2.2	Poor	O/S 1 Carrington Rd
113	<i>Prunus spp.</i>	Flowering cherry	4	6.2	Fair	O/S 1 Carrington Rd
114 / TP4	<i>Knightia excelsa</i>	Rewarewa	3	1.2	Good	O/S 1 Carrington Rd
115	<i>Prunus spp.</i>	Flowering cherry	4.4	7.8	Fair	O/S 1 Carrington Rd
116	<i>Prunus spp.</i>	Flowering cherry	4.6	6	Fair	O/S 1 Carrington Rd
117	<i>Prunus spp.</i>	Flowering cherry	5	9.6	Fair	O/S 1 Carrington Rd
118	<i>Ginkgo biloba</i>	Ginkgo	11.8	9	Fair	1 Carrington Rd
119	<i>Prunus spp.</i>	Flowering cherry	3.3	5.2	Poor	O/S 1 Carrington Rd
120	<i>Prunus spp.</i>	Flowering cherry	4.2	6.8	Fair	O/S 1 Carrington Rd
121	<i>Camellia japonica</i>	Camellia	40	9.8	Good	1 Carrington Rd
122	<i>Vitex lucens</i>	Pūriri	13.4	13	Fair	1 Carrington Rd
123	<i>Corynocarpus laevigatus</i>	Karaka	8.8	12	Good	1 Carrington Rd
124	<i>Trachycarpus fortunei</i>	Windmill palm	8.9	2.5	Good	1 Carrington Rd
125	<i>Camellia japonica</i>	Camellia	5.8	12	Good	1 Carrington Rd
126	<i>Vitex lucens</i>	Pūriri	12.6	21	Good	1 Carrington Rd
127	<i>Duranta erecta</i>	Sky flower	5.2	10	Poor	1 Carrington Rd
128	<i>Ginkgo biloba</i>	Ginkgo	10.4	11	Good	1 Carrington Rd
129	<i>Cupressus sempervirens 'Swane's Gold'</i>	Swanns golden	7.8	1.6	Fair	1 Carrington Rd
130	<i>Prunus spp.</i>	Flowering cherry	5	6.2	Fair	O/S 1 Carrington Rd
TP1	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 3 / Farm Road Intersection Mouth
TP2	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 3 / Farm Road Intersection Mouth
TP3	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 3 / Farm Road Intersection Mouth
TP5	<i>Knightia excelsa</i>	Rewarewa	2.2	1	New Planting	Gate 1 Intersection Mouth
TP6	<i>Knightia excelsa</i>	Rewarewa	2.2	1	New Planting	Gate 1 Intersection Mouth
TP7	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 1 Intersection Mouth
TP8	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 1 Intersection Mouth
TP9	<i>Cordyline australis</i>	Cabbage tree	1.2	1	New Planting	Gate 1 Intersection Mouth