

CAPE TOWN TEMPLE: Tree Survey

Prepared by Square One Landscape Architects

Date: 2022/02/11

NOTES: This report is to be used as a guide for the construction of the proposed residential development for the site.



This document should be read in conjunction with the tree Survey Drawing, SQ1-CTT-700 (R0).

Prior to construction, any proposed excavation of the roots of mature trees must be approved by a suitably qualified tree surgeon and a geotechnical engineer. As a general rule, the Critical Root Zone (CRZ) is in line with the dripline of the tree canopy. Any excavation or covering or filing of the natural ground in this zone should be avoided wherever possible. Any excavation within the CRZ should be avoided at all times during construction. Raft or pile and beam foundations are recommended for buildings/structures near mature trees. All driveways should be paved with pervious pavers that permit water and air exchange in the soil. A Tree Protection Zone should be identified before any site work commences and this should be fenced off in accordance with a methodology statement for construction to be provided by a professional landscape architect/ arborist.

No.	Species name	Approx. height (in meters)	Age category	Valuable / Insignificant	Status	Description	Recommendations
			M = Mature, J=Juvenile, S=Senescent	I = Insignificant MV = Medium Value V = Valuable HV = Highly Valuable	V = Visually significant K = Keep if possible T = Transplant if required R = Remove P = Protected	H = Healthy D = Diseased / Unhealthy S = Senescent F = Feature Tree / Good shape C = Contorted M = Multi-stemmed P = Poor Form G = Good Form Sk = Skew growth	
1	<i>Eucalyptus sp.</i>	10	M	I	K, R	Sk, P, C	Exotic, NEMBA Category 2, a demarcation permit is required. Outside the property boundary.
2	<i>Vachellia karroo</i>	5-6	M	V	V, K, T, R	H, F, G	Indigenous. Visually significant. Transplantable. Keep if possible. National Tree Number: 172
3	<i>Syzygium cordatum</i>	3	M	V	K, T, R	H, G	Indigenous, keep if possible. Transplantable. National Tree Number: 555
4	<i>Syzygium cordatum</i>	3	M	V	K, T, R	H, G	Indigenous, keep if possible. Transplantable. National Tree Number: 555
5	<i>Afrocarpus falcatus</i>	6-7	M	HV	K, P	H	Protected, indigenous species. National Tree Number 16.
6	<i>Melia azedarach</i>	6-7	M	I	R	-	Invasive: NEMBA Category 3 in urban areas, a permit is required to possess/grow/move. Invasive (1b), to be removed and destroyed in natural areas.
7	<i>Vachellia karroo</i>	5-6	M	V	K, R	H, Sk, C	Indigenous, keep if possible. National Tree Number: 172
8	<i>Syzygium cordatum</i>	5	M	V	K, R	H, G	Indigenous, keep if possible. National Tree Number: 555
9	<i>Olea europaea subsp. africana</i>	2	VM	I	K, R	D	Indigenous. Poor condition. Keep or Remove. National Tree Number: 617
10	<i>Podocarpus latifolius</i>	3	M	HV	K, P	H	Protected, indigenous species. National Tree Number 18. SA National Tree.
11	<i>Morus alba</i>	4-5	M	I	R	-	Invasive: NEMBA Category 3, a permit is required to possess/grow/move. The fruit of the white mulberry is not listed if used for human consumption.
12	<i>Kiggelaria africana</i>	7-8	M	V	R	D, P, S	Indigenous. National Tree Number: 494. Senescent and in poor condition. Remove.

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13	<i>Olea europaea subsp. africana</i>	7-8	M	MV	K, R	D	Indigenous. Poor condition, requires pruning. Keep or Remove. National Tree Number: 617
14	<i>Strelitzia nicolai</i>	8	M	MV	K, R	H, M	Indigenous, keep if possible. National Tree Number: 34
15	<i>Harpephyllum caffrum</i>	5	M	V	K, R	H, Sk	Indigenous, keep if possible. National Tree Number: 361
16	<i>Erythrina lysistemon</i>	8	M	I	K, R	H, Sk	Indigenous, keep if possible. National Tree Number: 245
17	<i>Strelitzia nicolai</i>	10	M	MV	K, R	H	Indigenous, keep if possible. National Tree Number: 34
18	<i>Vachellia karroo</i>	9-10	M	V	K, R	H, M	Indigenous, keep if possible. National Tree Number: 172
19	<i>Phoenix canariensis</i>	5	M	V	K, T, R	H, G	Exotic, non-invasive. Transplantable. Keep if possible.
20	<i>Vachellia karroo</i>	7-8	M	V	K, R	H	Indigenous, keep if possible. National Tree Number: 172
21	<i>Corymbia ficifolia</i>	11-12	M	I	K, R	H	Exotic, non-invasive species. Keep or remove.
22	<i>Corymbia ficifolia</i>	11-12	M	I	K, R	H	Exotic, non-invasive species. Keep or remove.
23	<i>Corymbia ficifolia</i>	10-11	M	I	K, R	H	Exotic, non-invasive species. Keep or remove.
24	<i>Corymbia ficifolia</i>	8-9	M	I	K, R	H	Exotic, non-invasive species. Keep or remove.
25	<i>Kiggelaria africana</i>	3-4	J	I	K, R	H, Sk, P	Indigenous. Has been felled. New growth. National Tree Number: 494
26	<i>Roystonea regia</i>	20+	M	V	K, R	H	Exotic, non-invasive species. Keep or remove.
27	<i>Platanus x acerifolia</i>	10-12	M	HV	V, K, R	H, G	Exotic, non-invasive species. Visually significant. Keep if possible.
28	<i>Ficus microcarpa</i>	10-12	M	HV	V, K, R	H, G	Exotic, non-invasive species. Visually significant. Keep if possible.
29	<i>Quercus robur</i>	10-12	M	HV	V, K, R	H, G	Exotic, non-invasive species. Visually significant. Keep if possible.
30	<i>Syzigium paniculatum</i>	4-5	M	V	K, R	H	Exotic. Useful screening tree. Keep if possible.
31	<i>Roystonea regia</i>	15-18	M	V	K, R	H	Exotic, non-invasive species. Keep if possible.
32	<i>Syzigium paniculatum</i>	4-5	M	V	K, R	H	Exotic. Useful screening tree. Keep if possible.
33	<i>Syzigium paniculatum</i>	3-4	M	V	K, R	H	Exotic. Useful screening tree. Keep if possible.

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34	<i>Phoenix canariensis</i>	8-10	M	V	K, R	H	Exotic, non-invasive species. Outside the property boundary.
35	<i>Pinus pinea</i>	8-9	M	MV	K, R	H	Exotic, keep if possible.
36	<i>Pinus pinea</i>	8-9	M	MV	K, R	H	Exotic, keep if possible.
37	<i>Phoenix canariensis</i>	12-15	M	HV	V, K, T, R	H, G	Exotic, non-invasive species. Transplantable. Keep if possible.
38	<i>Phoenix canariensis</i>	5-6	M	V	K, T, R	H, G	Exotic, non-invasive species. Transplantable. Keep if possible.
39	<i>Phoenix canariensis</i>	12-15	M	V	K, R	H, P, Sk	Exotic, non-invasive species. Keep if possible.
40	<i>Eucalyptus sp.</i>	10-15	M	I	K, R	H	Exotic, NEMBA Category 2, a demarcation permit is required. Useful screening tree, keep if possible. Outside the property boundary.
41	<i>Dracaena spp.</i>	1	J	I	K, T, R	H	Keep or Remove. Transplantable. Small, staked tree.
42	<i>Myoporum tenuifolium</i>	2-3	M	I	R	H, G	Invasive: NEMBA Category 3, a permit is required to possess/grow/move. Planted in cracked planter.
43	<i>Tarchonanthus camphoratus</i>	6-7	M	V	K, R	H, M	Indigenous, keep if possible. National Tree Number: 733.