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Up Date of Condition of Trees in Stages 2-7 at Kew Cottages and Associated Tree Management Plan

Introduction

Works are due to commence shortly on Stage 2 at the Kew Cottages site. Galbraith and Associates has been retained by the Kew Development Corporation Pty. Ltd. to re-assess the trees within and bordering Stage 2 and provide an up dated report. The Stage 2 trees are included within pages 8-12, 15-23, 32-36, 49 and 50 of this report. Each of the numbered trees in this report is shown on the MDG Tree Protection Plan, Rev. DD.

Recommended Tree Works

In the following table of data, the column headed '**Treatment**' refers to the specific works which are advised to be undertaken to the corresponding tree. The recommendations are in abbreviated form and are defined below:

Treatment Definitions

I ***Irrigation*** A number of the trees are stressed and in need of irrigation to their root zones.

Amount of Irrigation As a rule of thumb, at least four litre should be applied for each centimeter in trunk diameter of the tree, when measured at breast height (DBH). Thus if a tree has a trunk diameter at breast height (DBH) of 60cm, approximately 240 litre should be applied. If the DBH is 30cm, 120 litre ought be applied, or if the DBH is 100cm, 400 litre ought be applied. The amount applied obviously depends on the frequency of application, which in turn should be monitored by the consulting arborist.

Manner of Irrigation The water must be applied to the root zone in a slow manner such that it penetrates the root zone, rather than flowing over the soil surface and out of reach of most or all of the roots. The water must be applied in as even a distribution as possible around the trunk, and in an area within 6 times the DBH of the trunk.

Timing of Irrigation The trees ought to be irrigated in the summer months of the construction project between the 1/December and 30/March of each summer. Irrigation outside this season will have to be considered for certain trees.

Frequency of Irrigation The water ought be applied every three weeks. The amount and frequency will be subject to on going monitoring by the Kew Development Corporation, or appointees thereof, and will be subject to change.

DW the removal of any dead wood or broken branches within the tree canopy, of 50mm diameter and greater

DW2 the removal of dead wood within the tree canopy of 25mm diameter or larger. This category is mainly reserved for tidying up trees with excessive small dead branchlets on the exterior of the canopy: this work will need to be undertaken using an EWP (Elevated Work Platform)

CP Clearance Pruning either away from an existing building or another more important tree

WR Weight Reduction: the reduction of one or more limbs where excessive end weight may threaten failure

Removal the removal of the entire tree, including grinding out of the stump.

Cable/Bolt The installation of appropriate support material in the tree`s canopy; this must be carried out by qualified arborists experienced in this process. The amounts and types of materials used, plus the numbers of bolts and cables for each tree must be specified by the tenderer for the works. Preference will be given by management to the use of appropriate strength steel cables, and high tensile steel bolts of no greater than 12mm diameter.

General Rules
All the above mentioned works must be carried out by qualified and experienced arborists and all pruning works must conform to the Australian Standard for Pruning of Amenity Trees (AS 4373:1996), a copy of which is available at www.standards.com.au.

All debris for each tree must be removed from the site within 14 days of the works on any particular tree having commenced. The debris must be left neatly stacked and well clear of any paths or roads or any other positions where it may cause obstruction, nuisance or danger within the 14 days.

The mulch must be dumped in a location on the site as directed by management. The wood is to be removed from the site by the contractor unless otherwise directed.

Definitions
In order to understand the column headings of the table of data below, I have provided the following definitions:

DBH diameter of trunk over bark at breast height In a number of cases where the tree has forked into multiple trunks below breast height (1.3-1.5m) the diameter is measured below the fork and an estimate is made for the single trunk equivalent at breast height.

Condition This descriptor can be encapsulated by three terms, namely **Health (H), Structure (S) and Form (F).**

Health is largely governed by the ease in which the metabolic functions are occurring throughout the tree. Symptoms of health include the amount, distribution, density, size and colour of the foliage.

Structure refers to the structural stability of the tree and its branches. A well structured tree is not likely to shed branches or stems, or snap in the trunk or blow over, whereas a poorly structured tree is more likely to.

Form basically refers to the symmetry of the tree. A tree with a straight trunk and symmetrical crown and evenly distributed branches is referred to as having good form, whilst a lopsided leaning tree may have fair – poor form.

Each tree has been given a condition rating of either **Good (G), Fair (F)** or **Poor (P)**.

In the cases of the elms, significant internal trunk decay is likely to be occurring in many of them as a result of lopping which they received many years ago. One cannot determine the degree of hollowing without detailed internal trunk probing for each tree. Our condition and WOR ratings therefore do not reflect the status of internal decay in the elms.

Worthiness of Retention (WOR):
The worthiness of retention of a tree is based on a number of factors. These factors are:

1. structure, health, form and safe useful life expectancy,
2. size, prominence in the landscape,
3. species rarity,

Any tree with a WOR rating of 3 or less should be seriously considered for removal before development begins because it is dead, nearly dead or dangerous, a weed or just of very little significance and readily replaceable with new plantings. Trees rated 4-6 can be retained if desired, but their SULEs may be somewhat limited. Some of these trees may respond to treatments such as formative pruning, removal of dead wood, weight reduction pruning etc. Trees rated 7 or higher are well worthy of retention (the higher the ranking the more so), primarily because of their good health, structure,

form, significance and SULE, although they still may need substantial works done on them as already detailed, if they are to be retained.

Root Preservation Zone (RPZ)
The figures quoted for this column are the minimum distances in metre from the centres of the trunks which should be kept intact from any trenching. The idea of this precaution is to prevent excessive root loss and hence health decline occurring, because the bulk of the roots in the soil at this site are likely to be found between 100mm and 600mm below the ground. If the RPZ is not violated, one can be confident that the health and structural integrity of the tree will not be adversely affected

The figures quoted apply to one side of the tree only. Obviously if the tree is encroached upon from another side it will lose more roots and may not be able to cope. **To account for this, the minimum distance of encroachment should, as a rule of thumb, be increased 15% for each successive side of encroachment.** For example, if the minimum distance is quoted as being 8m, and there is to be excavation on a second side of the tree, there should be no encroachment within 9.2m of the trunk centre on that side. If the tree is to be encroached upon on three sides, the minimum distance has to be lengthened to 9.2x1.15 = 10.6m. If the tree is to be surrounded with excavation, do not excavate for any purpose within 10.6x1.15 = 12.2m.

The RPZ must be treated as a conservative guide only. It generally will allow for cases where more roots than usual may be emanating in the direction of the proposed trench.

The RPZs do not take into account root barrier or impediment effects such as those caused by existing buildings, retaining walls and roads. For example, it would be safe to assume that root development will be negligible beneath a masonry building with strip footings. Similarly, root development beneath an existing asphalt road half a metre beyond the kerb is likely to be very minor, even if this distance is well within the RPZ or a drain is under the road. Excavation under these circumstances could be assumed to take place without having a negative impact on the safe useful life expectancies of the trees.

Excavation by non root destructive means such as horizontal boring at a depth of greater than 800mm can be assumed to be acceptable when within the RPZs. Alternatively, if it has been found from non root destructive exploratory trenching under arboricultural supervision that no roots of significance are going to be severed in the proposed excavation, then there is no reason why the RPZ cannot be encroached within to the trial trench.

If excavation has to occur to put in a building or retaining wall, in which case the soil volume available for the tree is likely to be permanently reduced, a distance of up to 15% more than the quoted RPZ may be needed, depending on the degree of the permanent reduction in soil availability. An example of where this is required is where the tree is limited in its root spread on three sides by roads, buildings or retaining walls, and the fourth side is cut into.

Drenching with water of the RPZs must occur soon after any excavation has occurred close to the RPZ.

Minimum Distances for Housing

If one is serious about the long term retention of any chosen tree, one has to provide a sensible minimum distance from it for a dwelling to be situated. For example River Red Gums lend themselves well to weight and hazard reduction pruning, particularly if done by qualified arborists with experience in this matter. However house purchasers will not be happy with rooms sited beneath large limbs or in the paths of leaning trunks. Houses will be difficult to sell if built too close to the trees, irrespective of whether they are River Red Gums or not, and the trees will be difficult to maintain, and difficult and expensive eventually to remove. Furthermore, if the houses are built too close, severe cutting back of the canopy is likely to occur in the future, thereby debilitating the appeal and probably the useful life expectancy of the tree. Those people who do buy blocks with no alternative but to build dwellings down lean of massive trees, or under long heavy dangerous boughs, are likely to exert a lot of pressure on the responsible authority to have the tree removed, or severely cut back, before and sometimes after the dwelling has been built, unless the dwelling is very large, such that a tree would be judged to have little impact on it in the event of failure of it or parts. As a rule of thumb, if one is serious about retaining a tree successfully for the medium to long term, buildings should be kept outside the drip lines unless it is obvious they can be built safely beneath the canopy, or branches can be removed to accommodate the building whilst having little effect on the SULE. With a number of the young or younger mature trees, there may be scope for pruning back the canopies substantially and therefore encroaching on these canopy protection zones without impacting the SULEs. Some of the older mature trees may also be able to be pruned back somewhat, in fact may even benefit from such pruning, but

I have therefore provided what I believe, based on many years of experience dealing with trees and people, minimum comfort threshold distances for most people as to how close one can build to the trunk centers. These distances have been provided for each of the four cardinal directions, **North (N), South (S), East (E) & West (W)** from the centre of the trunk of each tree. Buildings such as garages, where people do not live or spend any great length of time, may be able to be built slightly closer than these recommended minimum distances, so long as the RPZs are conformed with. As a rule of thumb these distances or canopy protection zones (CPZs) should be used as a basis for designing buildings around trees, however there maybe scope for pruning trees and encroaching within the CPZs.

Roads and driveways again could be constructed substantially closer than the recommended minimum distances for houses, but care will have to be taken to either keep them outside the minimum non violation zones for trenching, or to construct them on the existing grades.

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatments	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
1	Schinus areira	80	G	6			7		6	7	M 12
2	Cedrus deodara	54		7	5	9	6		5	7	M 12
3	Quercus canariensis	70	G		7		9		6	8	M 12
3A	Eucalyptus maculata										M 12
3B	Eucalyptus maculata										M 12
4	Quercus canariensis	75	F/G	8	6	7	4		6	7	M 12
4A	Lagunaria patersonia	23	P	4	3	5	3		2	3	M 12
4B	Arbutus unedo		P	2	2	2	2	R	1.5	2	
5	Cedrus deodara	65		8	6	7	4		6	7	M 11
6	Quercus canariensis	78	G	7	6	6	5		6	7	M 11
7	Quercus canariensis	50	F	4		6	7		4	5	L / M 11
8	Cedrus deodara	52	G	6	6	5	5		4.5	7	L 11
8A	Schinus areira	60	F	6	5	5	8		5	6	L 11
9	Quercus canariensis	65	G	7		8	7		6	7	L 11
10	Prunus ilicifolia	70	G	7	7	7	6		7	9	L 11
11	Quercus robur	57	P	6		6	5		5	3	L 11
12	Eucalyptus camaldulensis	58	G	8	6	10	5		7e/4w	7	L 11
13	Cedrus deodara	37	G	4	7	5	4		3.5	5	L 11
14	Quercus canariensis	74	G	8		6	8		7	7	L 11
15	Quercus canariensis	58	G	8		9	7		6	7	L 10

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatments	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
18	Quercus canariensis	77	G	10		9	8	CP	7	8	L 12 / 11
19	Ulmus procera	78	F	8	8	9	8		6	7	L / K 11
20	Quercus canariensis	63	F	6		7	8		6	4	K 11
21	Corymbia maculata	25	F/G	4		4	3		2	4	K 11
22	Corymbia maculata	45	G	5		6	5		4	Neighbouring tree	K11
23	Pinus pinaster	55	F/G	6		4	6		6	Neighbouring tree	K11
24	Quercus canariensis	60	G	7		9	6		6	7	K 11
25	Ulmus procera	65	G	9	6	6	8		6	7	K 11
26	Ficus macrophylla	32	F	4	5	6	4		3	5	K 11
27	Pinus canariensis	62	G		7	7	7		6	8	K 11
28	Quercus canariensis	57	G	8		7	7		6	7	K 11
29	Ulmus procera	83	F	9	5	8	8		6	7	K 11
30	Quercus canariensis	75	G	9		8	10		7	8	K 11
31	Ulmus procera	100	F/G	8	7	11	9		7	8	J 11
32	Quercus canariensis	60	F	7		8	6	I	5	5	J 11
33	Quercus canariensis	60	G	7	9	7	7		5	8	K 11
34	Quercus canariensis	55	G	7	8	6	7		5	8	K 11
35	Quercus canariensis	52	G	9	7	6	6		5	8	K 10/ 11
35A	Eucalyptus leucoxylon	18	F	4	4	4	4		2	4	K 10
36	Ficus macrophylla	36	F	4	4	4	5	I	4	4	K 11

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				N	S	E	W				
37	Ficus macrophylla	44	F	6	6	10	3		4	5	J / K 11
38	Cupressus macrocarpa	120	P	8	9	10	10		8	1	J 11
39	Quercus canariensis	65	G	9	4	7	9		6	8	J 10/ 11
40	Ulmus procera	57	F	5	6	5	8	I	5	4	J 11
41	Quercus robur	45	P		6	3	7	I	5	3	K 10
42	Pinus radiata	120	P		11	10	11	R	9	2	K 10
43	Quercus robur	48	P		6	4	8	I	4	4	K 10
44	Quercus robur	43	G	7		8	6	I	4	7	K 10
45	Quercus robur	58	G		9	8	7		5	7	J 10
49	Ulmus procera	81	F/G	7	7	8	9		5.5	6	J 11
50	Ulmus procera	66	F/G	7	7	8	8		6	7	J 11
51	Quercus canariensis	66	F	8	7	7	8	I	6	6	J 10
51A	Quercus canarensis	50	G	7	7	6	6	I	5	7	J 10/ 11
52	Quercus canariensis	54	G	8	8	7	7		5	8	J 10
52A	Cupressus torulosa	46	F	3	5	4	4		3.5	6	J 11
53	Quercus canariensis	68	F/P	7	10	7		I	5.5	5	I 10

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				N	S	E	W				
53A	Leptospermum petersonii	12	P	3	3	3	2		1.5	2	J 10
53B	Hakea suaveolens	20	F/P	4	3	4	2		2	2	J 11
54	Ulmus procera	90	F/G	8	6	8	8	I	6	7	I 11
55	Ulmus procera	62	F/G	7	7	7	7	I	5	7	I 11
55A	Ficus macrophylla	28	F	4	4	3	3		2	4	I 11
56	Quercus canariensis	66	G	8		7	8		5.5	7	I 11
56A	Quercus canariensis	69	F/G	9		7	8		6	7	J 11
57	Quercus canariensis	59	G	7		7	6		5	8	I 11
58	Quercus canariensis	65	G	9		8	9		6	7	I 11
59	Quercus canariensis	65	G	8		6	9		6	8	I 11
60	Ulmus procera	85	F	8	5	9	9	DW I	6	7	I 11
61	Quercus canariensis	80	F	9	8	6	8	I	6	6	I 10
62	Ficus macrophylla	45	F/G	6	7	8	7		4	6	I 10 / 11
63	Quercus canariensis	54	F/G	8	8	7	7		4.5	7	I 10
64	Eucalyptus cladocalyx	80	F	9	9	8	9		6	5	I 10
65	Cupressus torulosa	50	F/P	3	4	4	4	Bolt	4	4	I 10
66	Quercus canariensis	53	F	7	8	8	6	I	4.5	7	H 10
67	Ulmus procera	39	F	7	4	6	5	I	3.5	5	I 10
68	Pinus radiata	93	F	11	9	11	10		8	6	H 10
69	Cupressus torulosa	47	F/G	3	4	4	4		4	7	H 10

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				N	S	E	W				
70	Quercus canariensis	65	F	10	8	7	9	I	5.5	7	H 10
71	Quercus canariensis	62	P	7	7	7	7	R	6	2	H 10
72	Ulmus procera	59	P	9	4	4	8		6	2	H 10
73	Quercus canariensis	59	F/G	10	8	7	9		5	8	H 10
74	Cupressus torulosa	41	F/G	3	3	3	3		4	7	H 10
75	Quercus canariensis	64	F/G	9	10	6	7		6	7	H 10
76	Quercus canariensis	50	F/G	9	8	7	8		5	7	G 10
78	Cupressus torulosa	44	F/G	3	4	3	4		4	7	G 10
79	Quercus canariensis	70	G	10	7	8	10	I	6	8	G 10
80	Cupressus torulosa	38	F/G	3	4	4	4		4	7	G 10
82	Ulmus procera	84	F	8	5	8	9	I	5.5	7	I 11
84	Quercus canariensis	78	G	9		10	8		6.5	8	H 11
85	Quercus canariensis	53	F	8		6	6		4.5	7	H 11
86	Quercus canariensis	68	F/G	10		9	8		5.5	8	H 11
87	Quercus canariensis	72	F	7		7	10	I	6	5	H 11
88	Ulmus procera	81	F	8	6	8	8	I	5.5	7	H 11
89	Ulmus procera	75	F	8	8	9	8	I	5.5	7	H 11
90	Ulmus procera	76	F	7	6	8	8	I	5.5	7	G 11
91	Quercus canariensis	64	G	9		9	6		5.5	8	G 11

92	Quercus canariensis	85	G	10		8	9		6	8	G 11

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatment	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
93	Quercus canariensis	56	F	9		5	6	DW	4.5	6	G 11
94	Ulmus procera	72	F	7	6	7	8	I	5	5	G 11
95	Quercus canariensis	66	F/G	8		7	6	DW	5	7	G 11
96	Quercus canariensis	74	F	8		8	7	DW	6	7	F 11
97	Quercus canariensis	80	F	10		8	7	DW	6	8	F 11
98	Ulmus procera	87	F	8	6	9	8	I	5	6	F 11 /10
99	Quercus canariensis	93	G	10		8	9	DW	6.5	8	F 11
101	Ulmus procera	75	F	7	6	7	7	I	6.5	6	F 11/ 10
103	Ulmus procera	44	P	6	6	6	6	R	3.5	3	F 10
127	Cupressus torulosa	41	F/G	3	4	4	3		3	7	F 10
128	Grevillea robusta	30	P	4	4	4	5		3	3	G 10
133	Ficus macrophylla	29	F	4	7	6	5		2.5	5	F 10
134	Cupressus macrocarpa	120	F/P	12		11	11	R	8	3	F 10
134B	Quercus canariensis	52	P	7	6	8	5	R	4	2	F 10
134C	Grevillea robusta	25	F/P	4	2	3	3		2.3	3	F 10
136	Quercus canariensis	70	F/G	7	8	6	8		6	8	E 10
136A	Quercus canariensis	32	P	5	3	5	5	R	3	2	F 10
142	Quercus canariensis	70	P					R		2	C 10

149	Pinus canariensis	64	G	10	7	7	7	DW	65	8	C / D 10
153	Pinus roxburghii	55	F	9	7	8	8	I,DW	6	9	C 10
156	Pinus radiata	93	F	8	7	7	8	DW	7	7	B 10

Tree No.	**Species**	**DBH (cm)**	**Condition G/F/P**	**Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings**					**RPZ (m)**	**WOR (1-10)**	**Map Reference**
				N	**S**	**E**	**W**	**Treatment**			
157	Eucalyptus radiata (I)	57	F/G	7	5	4	7		5	7	B 10
158	Araucaria cunninghamii	80	G	7	6	7	7		7	8	B 10
160	Brachychiton populneum	35	G	4	4	4	4		3	6	B 10
160B	Laurus nobilis	35	F	4		4			3	4	
161	Ficus macrophylla	150	G	11		10	9		9	8	A 10
162	Ulmus procera	74	F	7		7			6	6	A 10
163	Ficus macrophylla	100	G	9		10		CP,elec service wire	8	8	A 9
171A	Araucaria cunninghamii	65	F/P	8	5	7	8	I,cable,bolt	6	4	C 9
172	Araucaria bidwillii	47	F/P	5	5	5	5	I	4.5	4	C 9
176	Araucaria bidwillii	44	F/P	5	5	5	5	DW2,I		4	C 9
179A	Pinus canariensis	66	F	6	6	6	6	DW,I	6	7	C 9
180	Cedrus atlantica	41	F	6	5	5	6	DW2 I	4	6	C 9
185	Pinus canariensis	58	F	8	7	6	6	DW	6	7	B 9
186	Pinus radiata	74	F	8	7	7	7		6.5	4	B 9
189	Pinus canariensis	85	G	12	8	8	10	DW	7.5	8	B 9
190	Araucaria bidwillii	60	F	6	5	5	5	DW2,bolt,cable	5	6	B 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings					RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W	Treatment			
191	Pinus canariensis	68	F/G	7	5	6	6	DW	6	7	A 9
193	Araucaria cunninghamii	80	G	7	7	8	6		7	8	A 9
197	Araucaria bidwillii	46	F/G	5	4	5	4		4	6	A 8
198	Ficus macrophylla	58	F/G	7		7			5.5	7	A 8
199	Ficus macrophylla	72	FG	8		8			7	7	A 8
215	Pinus canariensis	53	F	6	5	5	5	DW	5	6	B 8
216	Araucaria cunninghamii	90	F	11	8	10	11	I	7.5	8	B 8
217	Cedrus deodora	52	F	7	7	8	8	DW,I	5	6	B 8
218	Brachychiton hybrida	51	G	6	5	5	5	I	5	8	B 8
222	Ficus macrophylla	57	F/G	6	7	5	9		5	6	A 8
224	Pinus radiata	110	F	10	8	7	8		8	5	A 8
225	Pinus radiata	90	F/P	10	8	7	8		7	4	A 8
226	Pinus radiata	87	P					R		3	A 8
227	Araucaria bidwillii	48	F	6	5	5	5		5	6	
228	Ficus macrophylla	45	F	7	6	9	6	DW	4	6	A 8
230	Quercus canariensis	61	F		9	9			5.5	7	A 8
231	Pittosporum undulatum	34	F							3	A 7
232	Quercus canariensis	62	F		7	7		I	5.5	7	A 7
233	Pittosporum undulatum	34	F	6	6	7	6	I		3	A 7
234	Quercus canariensis	33	F/P	5	6	4	6	I	3	5	A 7

235	Pinus radiata	95	P	11	9	9	10	DW,cable		5	B	7
236	Quercus canariensis	34	F/P	5	5	6	6		3	5	B	7
237	Pittosporum undulatum	33	F	5	4	6	6			3	B	7
238	Pinus radiata	58	P					R		2	B	7

Tree No.	**Species**	**DBH (cm)**	**Condition G/F/P**	**Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings**					**RPZ (m)**	**WOR (1-10)**	**Map Reference**	
				N	**S**	**E**	**W**	**Treatment**				
242	Casuarina glauca							I			C	6
245	Pinus radiata		Dead							1	C	6
245A	Ficus macrophylla	70,43,37	F	10	6	8	8	I	8	5	C	6
246	Eucalyptus occidentalis	70	P					R		3	C	6
247	Eucalyptus cornuta	80	G	8	10	10	10	CP	6		C	6
248	Pinus radiata	100		8	10	8	10	DW	8	7	C	6
250	Ficus macrophylla	45,38,33,24	G	8	8	8	8		6	7	D	5
251	Ficus macrophylla	23,19,16,13	F/P	7	5	7	5		5	4	D	5
253	Pinus radiata	110	P					R		2	D	5
254	Pinus radiata	Dead						R		1	D	8
255	Ficus macrophylla	51	F	9	6	4	7		4	5	D	8
256	Ficus macrophylla	98	F	7	10	11	12	I	7	6	E	8
281	Ulmus procera	77	F	7	7	6	7		5	5	F	6
282	Ulmus procera	98	F	9	11	10	11	DW,CP	7	7	F	6
287	Quercus canariensis	58	G	8		7	6		4	7	H	7
288	Quercus canariensis	75	G	8		8	8	CP	5.5	7	H	7
289	Quercus canariensis	54	F/P		6	5	7	I	4	4	H	8

291	Quercus canariensis	66	F/G		9	8	8		5.5	7	I 8
292	Quercus robur	48	P		6	5	5	R	4	1	I 8
293	Quercus canariensis	77	F/P	11	-	9	8	DW2 I	6	4	I 8
294	Quercus canariensis	67	G		10	10	8		6	7	I 8
295	Pinus muricata	Gone									H 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings					RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W	Treatment			
296&	Quercus canariensis x robur x 2	100,78	G,F	7	9.5	10	8	I,P	8	9	F 8
297				(Above are distances from the closer trunk)					6.5	8	F8
297A	Fraxinus angustifolia	37	P					R		2	F 8
298	Prunus ilicifolia	18,16,16,15, 10,10,10	F/P	5.5	5	4.5	4.5	I	3	4	F8
299	Quercus robur	52	F		7	7	7	I	4	5	I 9
301	Quercus canariensis	73	F		8	7	8	I	6	7	J 8
302	Quercus canariensis	60	F		7	7	6	I	5	7	J 8
303	Quercus canariensis	68	F/G	8		9	8	I	5.5	7	I 8
304	Quercus robur	47	F	6		6	6	I	3.5	5	J / I 8
305	Eucalyptus camaldulensis	105	F	9	8	10	8		8	5	J 8
305A	Melaleuca bracteata	34	F							4	K 8
305B	Melaleuca ericifolia	30	F							4	K 8

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
305C	Corymbia maculata	48	G							6	J 9
305D	Melaleuca armillaris	25	P							3	J 8
305E	Melaleuca bracteata	24	F							4	J 8
306	Corymbia citriodora	52	F	7		6	9		4.5	5	J 9
307A	Melaleuca armillaris	38	P							3	J 9
308	Eucalyptus leucoxylon	32	F	6		6	6		3	5	J 9
309	Corymbia maculata	56	F/G	8	8	7	7		5	6	J 9
311	Eucalyptus camaldulensis	140	G	14	11	10	1		10	9	M 9
313	Eucalyptus camaldulensis	100	G	10	11	9	9		4.5	8	L 9
314	Eucalyptus robusta	27	F	4	5	4	5	I	2.5	4	L 8
315	Eucalyptus camaldulensis	18	G	4	4	4	4	Possum Isolation	2	5	L 8
316	Eucalyptus camaldulensis	140	G	12	13	10	1		9	9	L / M 8
317	Eucalyptus camaldulensis	23	P	4	4	4	4		2.5	1	L 8
318	Eucalyptus camaldulensis	57	G	6	8	6	8		6	7	L 7
318A	Eucalyptus camaldulensis	11	F							3-4	L 7
319	Eucalyptus camaldulensis	120	G	8	13	8	13		10	8	M 7
320	Eucalyptus camaldulensis	120	G	12	12	11	12		10	8	M 7
321	Eucalyptus camaldulensis	140	G		14	8	16	DW WR	11	9	N 2 / 3
323	Leptospermum laevigatum	27	P							3	G 9
324	Fraxinus angustifolia	43	F/P					DW		3	G 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
325	Fraxinus angustifolia	43	P					R		2	G 9
326	Eucalyptus maculata	25	P							2	G 9
327	Eucalyptus maculata	49	F/G	7	7	6	7		4	6	G 9
328	Fraxinus angustifolia	32	F/P							3	G 9
329	Fraxinus angustifolia	39	P					R		2	G 9
330	Cupressus macrocarpa	90	F	7	8	7	7		6	5	H 9
331	Pinus radiata	60	P					R	5	2	H 9
332	Angophora costata	28	G	3	4	4	4		2.5	5	H 9
332A	Liquidambar styraciflua	46	P					R		2	G 9
333	Casuarina cunninghamii	70	F	6	5	6	5	DW WR	5.5	4	
334	Casuarina glauca	30	G	4	4	4	4		2.7	5	H 9
335	Allocasuarina littoralis	35	equiv. G	4	4	4	4		2.7	5	H 9
336A	Eucalyptus globulus	100	P					R		2	H 8
336B	Eucalyptus globulus	62	P					R		2	H 8
336C	Eucalyptus globulus	Dead						R		2	H 8
337	Lophostemon confertus	33	F	4	6	3	4	DW	3	5	H 8
338	Lophostemon confertus	37	P					R		2	H 8
339	Eucalyptus kitsoniana	31	P							3	H 9
340	Eucalyptus globulus	100	P					R		2	H 9
341	Eucalytpus goniocalyx	32	F	4	6	4			3	5	H 7
342	Fraxinus angustifolia	20	F-P		3	4	4	R	2	3	H 7

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
343	Fraxinus angustiflolia	26	F		6	4	4		2	3	H 7
344	Betula pendula									3	G 7
344A	Brachchiton populneum	32	F	3	4	3	4		2.5	4	G 7
345	Eucalyptus globulus	86	F/P					R		3	G 7
346	Fraxinus angustifolia	58	P					R		2	G 7
347	Eucalyptus haemastoma	54	P					R		2	G 7
348	Fraxinus angustifolia	32	F	6	5	5	5		3	5	G 7
349	Fraxinus angustifolia	41	F/P							3	G 7
350	Quercus robur	60	F	7	7	8	9	DW,I	6	5	G 6
351	Lophostemon confertus	38	F	5	5	5	6		3.5	5	G 6
351A	Acmena smithii	25	P					R		2	G 6
352	Lophostemon confertis	30	P					R		2	G 6
352A	Cotoneaster glaucophyllus	30	P					R		2	G 6
352B	Buddleja salvifolia	30	P					R		2	G 6
353	Fraxinus angustifolia	40	F	6	6	4	5			4	G 7
354	Fraxinus angustifolia	23	F/P					R		3	G 7
354A	Pyrus calleryana	25	P					R		3	G 7
357	Arbutus unedo	32	F/P					R		3	F 5
358	Populus simonii	36	F/P					R		3	E 5
359	Populus simonii	26	F/P					R		3	E 5

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
360	Populus simonii	DEAD						R		1	E 5
361	Populus alba	38	P					R		2	E 5
367A	Allocasuarina littoralis (I)	24							2	4	D 5
367B	Allocasuarina littoralis	DEAD	F/G							1	D 5
369	Eucalyptus botryoides	30	P							3	D 5
370A	Eucalyptus sideroxylon									3	D 5 Dead
370B	Eucalyptus sideroxylon	21	G							4	D 5
370C	Eucalyptus sideroxylon	27	G							4	D 5
371	Grevillea robusta									3	D 5
372	Melaleuca styphelioides	33,25	P					R		2	D 5
374	Fraxinus angustifolia		P							3	E 4
375	Liquidambar styraciflua	25	F							4	E 4
376	Liquidambar styraciflua	25								3	E 4
377	Liquidambar styraciflua	41								3	F 4
378	Liquidambar styraciflua	38	P					R		2	F 4
379	Liquidambar styraciflua	37	P					R		2	F 4
380	Cupressus torulosa	47	G	4	4	4	4		3	6	F 6
381	Fraxinus angustifolia ssp. Angustifolia	43	F/G	5.5	5	4.5	4.5	I,P	3.5	5	F 7
381A	Arbutus canariensis	8	F	3	3	3	3.5	I	1	4	E 7

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatments	RPZ (m)	WOR (1-10)	Map Reference
381B	Arbutus canariensis	8	F	3	3	3	3.5	I	1	4	F 8
382	Melaleuca quinquenervia	25	F	2	3	3	2		2	4	G 8
383	Casuarina glauca	48	F/G	4	4	5	4			5	F/G 8
384	Casuarina glauca	26	F/P							3	F 8
385	Fraxinus angustifolia	33	F	6	6	6	6		2	4	E 7
386	Cupressus macrocarpa 'Horizontalis Aurea'	80	F	7	7	6	6		6	4	E 6
387	Liquidambar styraciflua	35	P							3	E 6
388	Prunus ilicifolia 25	26	F	3	5.5	5.5	5	I	3	5	E 6
389	Liquidambar styraciflua	31	F	5	5	5	6	CP	2.5	3	D 6
390	Eucalyptus spathulata	35,33,30,23	F/P	9	9	9	9		4.5	4	D 7
391	Eucalyptus leucoxylon -	DEAD 40	P					R		1	D 6
392	Eucalyptus leucoxylon -	DEAD 30	P					R		1	D 6
393	Acacia elata	43	P					R		3	D 7
394	Pittosporum eugeniodes 'Variegatum'	22	F	4.5	5	4	4		1.8	4	C 7
396	Lophostemon confertus	38	F	5.5	5.5	5	5	I	3	5	D 7
397	Eucalyptus globulus	80	P							3	D 7
398	Cedrus deodara	70	F	9	11	8	8.5	I	5.7	6	D 7
399	Acacia prominens	47	P					R		2	D 7

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatments	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
400	Eucalyptus maculata	43	P					CP	3	3	D7
								R		2	D7
401	Acacia prominens	36	P								
403	Fraxinus angustifolia ssp. Angustifolia	28	FP	4.5	3	4	4		1.8	3	E 7
404	Cupressus macrocarpa	60	F	3	4.5	5.5	4		4.5	4	E 7
405	Cupressus macrocarpa	approx 80	F	5	7	6	6.5		6	4	E 7
406	Cupressus macrocarpa "fastigiata"	55,47	F	6.5	6	5.5	6.5		5.5	4	E 8
407	Pinus canariensis	67	F	7.5	5.5	6	6	DW,DW2,I,CP	5.5	7	D 7
407A	Fraxinus angustifolia	43	G	6	6	7	7		3.3	5	E 8
408	Melaleuca styphelioides	57	F	4.5	4	4	4.5		4	4	E 8
409	Acacia implexa	47,37	F	6	6	4	5	I	5	7	E 8
410	Fraxinus "Raywoodi"	38	F	6.5	7	4	7	I	3	5	E 8
411	Melaleuca styphelioides	60	F	6	6.5	6	6		4	5	E 9
412	Acmena smithii	55	G	5	5	5	4		4.5	6	F 9
413	Lagunaria pattersonii	26	F	4	3	4	4		2	5	F 9
414	Eucalyptus maculata	56	G	6	6	6	7	DW	4.5	6	F 9
415	Eucalyptus maculata	53	F/G	7	6	7	6	DW	4.5	6	F 9
416	Salix chilensis	35	F	3	2	3	2		2.7	4	F 8
417	Leptospermum petersonii	45	F/P							3	F 9
418	Ficus macrophylla	50	F/P	6	3	6	6	DW,I	4.5	3	E 10

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatments	RPZ (m)	WOR (1-10)	Map Reference
420	Melaleuca armillaris	33	P					R	2.5	4	D 10
422	Ulmus procera	28	F	5	2	4	4	I	2.5	4	D 10
423	Ulmus procera	66	F	9	7	6	8	DW,I	5.5	6	D 10
424	Pittosporum undulatum	43	F							3	D 10
425	Lophostemon confertus	57	P							3	D 10
427	Pittosporum undulatum	40	P					R		3	D 10
428	Lagunaria patersonii	33	F							4	D 10
429	Ficus macrophylla	50	P					R		3	D 9
430	Lagunaria pattersonii	34	F/P					R		3	D 9
431	Eucalyptus maculata	57	F/G	5	7	5	7		4.5	6	D 9
432	Eucalyptus maculata	27	F							4	D 9
433	Melaleuca styphelioides	35	P						2.7	3	D 9
434	Eucalyptus maculata	45	F	4	6	6	5		3.7	5	D 9
435	Calitris gracilis/glaucophylla	30,25,20	F/G	4	4	4	4	Bolt	3.5	7	D 9
436	Quercus canariensis	75	P					R		2	D 9
439A	Ligustrum lucidum	48	F/P					R		3	C 8
439B	Ligustrum lucidum	33	P					R		2	C 8
440	GONE									2	C 8
441	Hakea suaveolens	30	P					R		3	C 8

441A	Callitris rhomboidea	14	P					R		2		C 8
442	Melaleuca armillaris	38	P					R		2		C 7
443	Lophostemon confertus	50	F/G	5	5	5	5		4	6		C 7
444	Ficus macrophylla	130	F	10	10	12	10	DW,I	9	6		B 7
445	Pittosporum undulatum									3		B 6
451	Pinus radiata	95	P							3		B 7
452	Acacia implexa (I)	52	P							3		B 7
455	Cupressus torulosa	46	F/P	4	4	4	4	Remove bougainvillea	4			
									4	4		B 8
455A	Cupressus torulosa	DEAD										B 8

Tree No.	**Species**	**DBH (cm)**	**Condition G/F/P**	**Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings**					**RPZ (m)**	**WOR (1-10)**	**Map Reference**
				N	**S**	**E**	**W**	**Treatment**			
455B	Stenocarpus salignus	16	F/P							3	B 8
456	Lagunaria patersonii	36	F	4	4	4	4		4	5	B 8
457	Fraxinus angustifolia	45	F	7	6	6	6		4	5	B 8
458	Jacaranda mimosifolia	47	F	5	6	6	6	I	4	6	B 8
459	Acacia mearnsii (I)	21	F/P					R		2	C 8
460	Eucalyptus leucoxylon	45	P					R		1	E 9
461	Eucalyptus botryoides	52	F	5.5	6	6.5	5.5	CP,I	4	5	E 9
462	Lophostemon confertus	25	F							4	E3
463	Quercus robur	65	F	8	6	8	6	DW2 I		6	D / E 3
465	Eucalyptus nicholii	56	F/G	5	5	5	5		4.5	5	D 2

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
467	Lophostemon confertus	24	F/P					R		3	D 2
469	Callistemon rugulosus	18	F/P					R		3	D / E 2
470	Eucalyptus maculata	44	F/P							4	D 2
471	Lophostemon confertus	21	F							4	D 2
472	Callistemon rugulosus	27	F					R		3	D 2
473	Salix matsudana "pekinensis"	38	F							3	D / E 3
474	Agonis flexuosa	40	F/P					R		3	E 3
475	Eucalyptus camaldulensis (I)	40	F	5	5	5	5		3.5	5	E 3
477	Fraxinus angustifolia	43	P					R		1	F 4
479	Fraxinus angustifolia	60	F	8	7	6	6	WR, DW	5	5	F 3
480	Fraxinus angustifolia	31	F/P							3	F 3
481	Fraxinus angustifolia	42	F							3	F 3
482	Fraxinus angustifolia	46	P					R		2	F 3
483	Liquidambar styraciflua	46	F/G	8	10	8	7	*	4	5	F 4
484	Eucalyptus cinerea	68	F/G	6	7	7	8		5	6	F 2
484A	Arbutus canariensis	10,10	G							4	E 2
486	Eucalyptus viminalis (I)	55,40	F/P					DW -remove Ivy		4	F 2
487	Eucalyptus viminalis (I)	35,43	F					Damaging olive		4	F 1
488	Gleditisa tricanthos	32	F							4	G 1
489	Casuarina glauca	38	F							4	G 1
490	Eucalyptus citriodora	52	P					R		2	G 1

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
495	Eucalyptus viminalis (I)	54	F								G 2
497	Melaleuca armillaris	57	P					R		2	G 2
498	Eucalyptus saligna	74	F/P					Canker present, poor v crotch		3	G 3
500	Eucalyptus nicholli	39	F/P							3	G 3
501	Lophostemon confertus	36	F/G	4	4	4	5		3	5	H 3
502	Lophostemon confertus	40	F							4	H 3
503	Casuarina glauca	65	F/G	5	5	6	7		5	5	H 3
503A	Grevillea robusta	16	G							4	H 3
504	Eucalyptus nicholli	70	F/P							3	H 3
505	Grevillea robusta	62	P					R		2	H 2
508	Eucalyptus nicholli	60	F/P					R		2	H 2
510	Eucalyptus nicholli	50	F					DW		4	H 2
511	Eucalyptus nicholli	60	P					R		3	H 2
512	Eucalyptus nicholli	48	F					DW		4	H 2
513	GONE									3	H 2
514	Eucalyptus melliodora (I)	55,44	F					WR, bolt & cable		4	H 1
516	Eucalyptus maculata	50	F	5	6	7		5 Trees 516-519	5	5	H 1
517	Eucalyptus maculata	50	F	5	4	7		5 as a row WOR 7	5	5	H 1
518	Eucalyptus maculata	53	F	4	4	7		6	5	5	H 1

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
519	Eucalyptus maculata	59	F		4	7	5		5	5	H1
520	Eucalyptus melliodora (I)	31	F/G		4	4			3	4	H1
521	Eucalyptus leucoxylon (I)	40	G	4	6	5	6		3.5	5	I1
522	Eucalyptus camaldulensis (I)	46	F/G	5	5	5	5		3.5	5	I 1/2
523	Eucalyptus leucoxylon (I)	50	F							4	I 2
524	Eucalyptus leucoxylon (I)	64	F	7	8	8	8	CP	4.5	6	J 2
525	Eucalyptus bicostata (I)	92	F	7	8	8	8		6.5	4	I 3
526	Melaleuca styphelioides	45	F							4	I 3
527	Melaleuca styphelioides	60	F/P					R		3	H 3
529	Melaleuca styphelioides	42	F	4	4	4	4			5	I 3
533	Eucalyptus nicholli	50	F/P					R		3	I 4
533A	Hymenosporum flavum	17	G							4	I 4
533B	Ficus rubiginosa	22	P					R		3	I 4
534	Eucalyptus nicholli	54	F	5	6	5	7	WR, DW		5	I 4
535	Ulmus minor 'Variegata'	34,22	F/G	6	6	6	6	I, P	2.7	6	I 4
536	Eucalyptus globulus	66	P							3	I 4
537	Melaleuca linariifolia	aprox 43	F	4	4.5	3	4		3	4	I 4
538	Eucalyptus camaldulensis (I)	41	F	6	8	6	6	I, P	3.5	6	J 3
539	Eucalyptus bicostata (I)	53	F/P (poor Vcrotch)					R	3.5	3	J 3

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatment	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
540	Eucalyptus bicostata	67	F/G	5	8	7	5		5.5	4	J 3
541	Grevillea robusta	32	P (dead top)					R		3	J 3
545	Eucalyptus macrandra	35	P					R		3	K 4
546	Eucalyptus maculata	50	F-G	5	7	5	6		3.7	6	K 4
548	Eucalyptus maculata	63	F	6	6	6	8		4	6	K 4
551A	Eucalyptus nicholii	50	F-G	6	6	6	6		4.5	5	J 5
553	Eucalyptus maculata	52	G	7	8	8	7		4.5	6	K 5
554	Eucalyptus maculata	35	G	5	5	5	6		3	6	J 5
555	Eucalyptus maculata	32	G	4	4	4	5		2.5	6	J 5
556	Eucalyptus maculata	49	G	6	7	6	8		4.5	6	J 5
556A	Eucalyptus nicholii	40	P	5	5	4	5		3	3	J 5
556B	Gleditsia tricanthos	17	F/P	3	3	3	3		1.5	3	
/ 557	Melaleuca styphelioides	- GONE									J 5
558	Melaleuca styphelioides	approx 45	F	5	4.5	4	4.5		3	4	J 5
559	Eucalyptus citriodora	52	F/G	7	7	7	7		4	6	I 5
560	Eucalyptus nicholii	45	F							4	I 5
562	Eucalyptus maculata	64	G	4	6	5	5	DW		6	G 3
563	Eucalyptus melliodora (I)	31	G							4	G 3
564	Lophostemon confertus	26	F/G							4	G 3
565	Eucalyptus globulus	30	P					R		2	G 3

Tree No.	Species	DBH (cm)		Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatment	RPZ (m)	WOR (1-10)	Map Reference
					N	S	E	W				
566	Eucalyptus globulus	52		F	4	4	4	4			4	G 4
567	Eucalyptus globulus	57		F/G	2.5	2.5	2.5	2.5			4	G 4
568	Acacia dealbata (I)	50		F/P	5	5	5	5	R		2	G 4
570	Fraxinus angustifolia	50		P	4	7	4	4	R		2	H 5
575	GONE				8	7	8	7				G 6
575A	Wigandia caracasana				4	4	4	4			4	G 6
575B	Melia azederach	32		G	8	7	8	7			4	G 6
576	Allocasuarina verticillata	40		F	4	4	4	4		2.8	5	H 6
576A	Acacia baileyana	18		F	2.5	2.5	2.5	2.5		2	3-4	H 6
584	Eucalyptus camaldulensis	25		G	5	5	5	5		2	5	I 7
587	Eucalyptus ficifolia	45		F/G	4	7	4	4		4	5	J 6
588	Eucalyptus citriodora	50		G	8	7	8	7		5	6	J 7
588A	Eucalyptus maculata	21		G	4	4	4	4		2	4	J 7
589	Eucalyptus maculata	22		F/P	8	7	8	7		2	4	J 7
590	Eucalyptus maculata	33		F/G	4	4	4	4		2	4	J 7
591	Grevillea robusta	25		G	4	4	4	4		2	4	J / K 7
591A	Eucalyptus pulchella	13		F							3-4	J 6
593	Eucalyptus maculata	23		G	4	4	4	4		2	5	H 7
593A	Eucalyptus cladocalyx	'Nana'	21	G	4	4	4	4		2	4	H 7
594	Eucalyptus maculata	20		G	4	4	4	4		2	4	I 9
600	Pinus canariensis	58		G	7			7		6	9	M 10

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
	Pinus canariensis	55	G				7		6	9	M 10
	Pinus canariensis	53	G				7		6	9	M 10
600	Pinus canariensis	68	G				7		6	9	M 10
600	Pinus canariensis	58	G				7		6	9	M 10
600	Pinus canariensis	63	G		7		7		6	9	M 10
601	Pinus canariensis (x4)	50-60	G				6		6	9	N
602	Pinus canariensis (row)	40-60	G				6		6	9	N 3 / 4
603	Quercus canariensis	77	F	10	8	10	9	DW2 I	6.5	7	D 3
604	Quercus robur	44	F/G	7	7	7	8	DW I	4	7	D 3
605	Eucalyptus camaldulensis (I)	65	F/G	7	8	6	7		5	6	D 3
606	Eucalyptus camaldulensis (I)	120	F/G	7	12	12	9		8	8	D 2
607	Eucalyptus camaldulensis (I)	105	G	10	12	9	10		8	8	F 3
608	Eucalyptus melliodora	65	G	4	11	10	7		6	9	J 9
609	Eucalyptus camaldulensis (I)	78	F/P							3	H /I 1
610	Eucalyptus camaldulensis (I)	75	G	6	8	8	6		6	7	H 2
619	Eucalyptus botryoides	75	P	5	9	-	8	DW WR	6	2	M 10 / 11
620	Melaleuca styphelioides	27	F	3	3	3	3		2	4	M 10
621	Pinus radiata	67	F	6	6	-	9		5	5	M 10
621A	Eucalyptus macrorhyncha	42	F/P							4	M 10
622	Eucalyptus camaldulensis	25	G	4	4	4	4		2	5	M 10

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
623	Eucalyptus maculata	46	G	6	6	6	6		4	6	L / M 10
623B	Eucalyptus globulus	50	P	6	6	6	6		4	2	L 10
623C	Lophostemon confertus									3	L 10
623D	Eucalyptus camaldulensis	16	F	4	4	4	4		1.5	4	L 10
624	Eucalyptus camaldulensis	30	G	4	4	4	4		2.5	6	L 10
625	Callitris endlicheri		F	3	3	3	3		2.5	4	L 10
626	Melaleuca quinquenervia		F	1.5	1.5	1.5	1.5		1	3	L 10
627	Eucalyptus camaldulensis	23	P	4	4	4	4		2	3	L 9
628	Eucalyptus camaldulensis	19	G	4	4	4	4		2	5	L 10
629	Eucalyptus crenulata	25	P							3	M 9
629B	Syncarpia glomulifera	25	F							4	M 10
629C	Callitris rhomboidea		P							3	M 10
630	Eucalyptus botryoides	65	P	6	6	6	6	DW	4.5	2	L 9
631	Eucalyptus cinerea	40	F	4	9	5	5		3.5	5	L 9
641A	Eucalyptus camaldulensis	9	P							2	L 8
641B	Eucalyptus camaldulensis	11	P							3	L 8
641D	Eucalyptus camaldulensis	11	F							4	L 8
641E	Eucalyptus camaldulensis	7	F							3	L 8
641F	Eucalyptus camaldulensis	13	P							3	L 8
641G	Eucalyptus camaldulensis	16	F							5	M 7

Tree No.	Species	DBH (cm)		Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
642	Eucalyptus nicholii	85		P							2	L 8
642A	Eucalyptus globulus	62		P							3	L 8
650	Eucalyptus maculata	35		G	6	6	5	6		3	5	K 6
654	Eucalyptus maculata	45		G	7	6	6	7		4	6	K / L 6
656	Eucalyptus maculata	50		F	7	7	6	7		4	5	L 6 / 7
657	Eucalyptus citriodora	40		G	6	6	6	6		3.5	6	L 6
659	Eucalyptus maculata	58		F	8	7	7	7	DW	5	4	L 7
660	Eucalyptus maculata	35		G	6	6	6	6	DW	3	6	L 6
660A	Lagunaria pattersoni			P	3	3	3	3		2	3	L 6
661	Eucalyptus cornuta	40		P	4	6	3	7		3	3	M 6
662	Eucalyptus cornuta	48		P	6	4	4	7		4	3	M 6
664E	Pittosporum undulatum	15		F							3	N 7
679	Eucalyptus occidentalis	45		F	5	4	4	5		3.5	5	M 5
679A	Fraxinus angustifolia	30		F	4	4	4	4		2.5	3	
680	Eucalyptus occidentalis	44		P	5	6	5	6		3.5	1	M 5
681	Eucalyptus cladocalyx 'Nana'	60		F/P	5	7	7	5		4.5	4	M 5
682	Eucalyptus cladocalyx `Nana'	42		F	5	5	5	5		3.5	5	M 5
683	Eucalyptus cladocalyx 'Nana'	45		P	6	4	5	5		3.5	3	
683A	Eucalyptus cladocalyx 'Nana'			P					DW		3	M 5
684	Eucalyptus maculata			P							3	M 5

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
684A	Eucalyptus ficifolia	22	P	2	3	3	3		2	3	M 5
686	Eucalyptus maculata	52	F-P	6.5	4.5	5	6.5		3.5	5	M 4
686A	Melaleuca styphelioides	33	F							4	M 4
691	Melaleuca styphelioides	30,22,20, 18	F	4	4	4	4		3	4	L 4
695	Eucalyptus nicholii	33,24	F	5	3.5	4	4	I		4	L 4
695A	Melaleuca armillaris	30,25,25,20	P							3	L 4
691	Melaleuca styphelioides	45	F	4	4	4	4		2.5	4	L 4
694	Melaleuca styphelioides	22,20,20 18,17	F	4.5	4.5	4.5	4.5		2.7 3	4	L 3
695	Eucalyptus nicholii	33,24	F/P	5	4	4	4			4	L 4
695a	Melaleuca armillaris	40 EQUIV	P					R		2	L 4
703	Casuarina glauca	approx 35	F	3	3	2.5	3.5		2.5	4	L 3
704	Casuarina glauca	approx 40	P					R		2	L 3
705	Casuarina glauca	approx 40	F	4	4.5	4	5		3	5	L 3
706	Casuarina glauca	approx 35	G	6	3	4	4		3	5	L 2
708	Casuarina glauca	approx 40	F	5	5	4	5		3	4	L 2
709	Eucalyptus maculata	65	F-G	7	8	7	8	DW	4.5	6	M 3
710	Eucalyptus botryoides	40	G	6	6	6	7		2.7	5	M 4
710A	GONE										M 4

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
710B	GONE										M 4
710C	Eucalyptus melliodora (I)	42	P					R		2	L 4
710D	DEAD										L 4
710E	Eucalyptus maculata	49	F/G	5	6	5	6		3.5	5	L 4
710F	Eucalyptus melliodora (I)	22	P					R		2	L 4
710G	Melaleuca armillaris	42	P					R		2	L 4
710H	Melaleuca armillaris	23	P					R		2	L 4
710I	Eucalyptus nicholii	40	P					R		2	L 4
710J	GONE										L 4
710K	Fraxinus angustifolia	14	F/G							4	L 4
710L	Eucalyptus nicholii	53	F/P					R		3	L 4
710M	Melaleuca styphelioides	41	F/P					R		3	L 4
710N	Melaleuca linariifolia	48	F/P							4	K 4
710P	GONE										K 4
710Q	GONE										K 4
710R	Melaleuca linariifolia	65	F/P					R		3	K 4
710S	GONE										K 4
710T	GONE										K 4
711	Casuarina cunninghamii	30	P							3	M 4
712	Eucalyptus maculata	60	G	7	8	7	7		5	6	M 3

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
714	Eucalyptus cladocalyx	80	F/G	7	7	7	7	DW WR	6	7	N 3
729	Eucalyptus gomphocephala										N 5
730	Eucalyptus nicholii										N 5
731	Eucalyptus saligna										N 6
732	Melaleuca armillaris										N 6
733	Melaleuca armillaris		P	4	3	3	4		2.5	2	N 7
734	Photinia "Robusta"										N 7
735	Photinia "Robusta"										N 7
736	Pittosporum undulatum		F						2	2	N 6
737	Melaleuca bracteata	30	F	3	3	3	3		2.5	4	N 6
738	Eucalyptus maculata										M 6
744	Banksia integrifolia	26, 25	G				4	I	4	6	N 7
757	Callitris rhomboidea	multi stemmed	P	Splitting apart at the base						2	I 10
757A	Eucalyptus pauciflora	21	P							3	I 10
758A	Acacia melanoxylon	36	Dead					R		1	J 10
758B	Acacia melanoxylon	30	P					R		2	J 10
758C	Acacia melanoxylon	29	P					R		2	J 10
759	Acacia melanoxylon	26	P					R		2	J 9
760	Eucalyptus camaldulensis	33	F	5	5	5	4		2.7	4	J 9
761	Acacia melanoxylon	23	P					R		2	J 9
762	Eucalyptus leucoxylon	38	F/P	5	7	5	5			3	I 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings					RPZ (m)	WOR (1-10)	Map Reference
763	Eucalyptus melliodora	26	P					R		2	I 9
764	Eucalyptus globulus	Gone									I 9
765	Eucalyptus conferruminata	26	P							2	I 9
766	Eucalyptus conferruminata	30	P							3	I 9
768	Lophostemon confertus	30	G	5	4	5	4		2	5	H 9
769	Lophostemon confertus	27	F	4	5	5	5		2	4	I 9
770	Eucalyptus camaldulensis	33	F	3	7	4	5		2.5	4	I 9
771	Fraxinus angustifolia	39	G	6	6	6	6		3	5	H 9
772	Fraxinus americana	25	F	6	4	5	5		2.3	4	I 9
773	Platanus x acerfolius	47	F	7	8	8	8		4	5	H 9
776A	Eucalyptus maculata	43	F	5	5	4	5	DW	3.5	4	G 10
776B	Eucalyptus maculata	18	F/P							3	G 10
776C	Eucalyptus maculata	38	F/P							3	H 10
777	Melaleuca styphelioides	51	P					R		2	G 10
778	Fraxinus angustifolia	47	G	7	9	8	8	DW	4	6	G 9
779	Leptospermum petersonii	41	F/P						3		G 9 / 10
784	Melaleuca styphelioides	50	F	4	4	4	4		3	4	K 8
785	Eucalyptus robusta	50	F	7	7	7	7		4.5	4	K 8
786	Eucalyptus robusta	40	F	7	7	7	7		4	4	K 8
787	Eucalyptus citriodora	42	F	7	6	6	8		4	5	K 9 / 8
787a	Eucalyptus citriodora	32	P	5	5	5	5		2.5	3	L 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
788	Eucalyptus maculata	36	G	5	5	5	5		3	5	L 8
789	Eucalyptus camaldulensis	23	G	4	4	3	5		2	5	L 8
791	Lophostemon confertus	27	F	4	4	4	4		2.5	4	J 8
792	Eucalyptus maculata	51	F	7	7	7	7		4	5	J 8
793	Eucalyptus nicholii	38	F	6	6	6	6		3.5	5	J 8
806	Melaleuca styphelioides										N 10
822	Calodendrum capense	12	F/P	3	3	3	2			3	J 10
823	Acacia melanoxylon	23	P							3	J 10
825	Eucalyptus sideroxylon	22	F	3	3	3	3		2	4	I 9
826	Eucalyptus sideroxylon	18	F	3	3	3	3		1.5	4	I 9
827	Fraxinus angustifolia	23	P							2	I 9
828	Acacia implexa	19	F/P	2	4	2	3		1.5	3	I 9
829	Acacia melanoxylon	17	P							2	I 9
830	Grevillea robusta	18	G	4	4	4	4		1.5	4	I 9
831	Grevillea robusta	14	P							3	I 10
832	Ulmus procera	68	P	4				R	5	3	F 10
833	Fraxinus macrophylla	46	F	5					4	6	F 10
834	Fraxinus angustifolia	16	F/P						3	3	I 8
835	Acacia melanoxylon	36	Dead					R			H / I 8
837	Allocasuarina littoralis	20	G	2	2	2	2		2	5	H 9
838	Angophora costata	19	F	3	4	3	4		1.5	4	H 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Construction of Dwellings: Min. Comfort Distance from Trunk Centre in each of 4 N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
840	Agonis flexuosa	38	P							2	F 10
841	Betula pendula "Dalecarlica"	12	P	3	3	3	3		1.0	2	F 9
842	Agonis flexuosa	25	F	3	3	3	3		1.8	4	E 8
843	Pittosporum "Garnettii"	19	F	3	3	3	3		1.5	4	E 8
844	Eucalyptus botryoides	15	F	4	4	4	4		1.2	4	E 9
845	Myoporum insulare										E 9
846	Fraxinus angustifolia	18	P					R		3	E 8
847	Cotoneaster glaucophyllus	35	P					R		3	E 8
848	Cupressus macrocarpa	75	F	3	4.5	5.5	4		5.5	4	E 7
849	Fraxinus ornus	18	P	3	3	3	3		1.5	3	E 7
850	Cotoneaster glaucophyllus	30	F					R		2	H 7
851	Melaleuca armillaris	38	P							2	H7
852	Melaleuca armillaris	35	P					R		2	H7
853	Acer negundo	27	Dead							1	H 7 / 8
854	Eucalyptus gomphocephala										I 6
855	Eucalyptus macarthurii										I 5
856	Cupressus macrocarpa "Aurea"	31	F							4	H 5
857	Pittosporum undulatum	38	F							3	I 5
858	x Cuprocyparis leylandii	23	G							4	I 5
859	Lophostemon conferta	26	F/P					R		3	H6

Tree	Species	DBH	Condition	Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ	WOR	Map
860	Harpephyllum caffrum - DEAD	19	P					R		1	H 6
861	Brachychiton populneum	32	F/G	4	3	3	3			5	H 6
862	Fraxinus angustifolia	70	F/P					R		3	G / H 6
863	Fraxinus angustifolia	33	F/P					R		3	G / H 6
864	Fraxinus angustifolia	37	F							4	G 5/ 6
865	Fraxinus angustifolia	35	F					R		3	G 5
866	Nerium oleander	23	F					R		2	G 5
867	Fraxinus angustifolia	22	F/P					R		3	G 5
868	Fraxinus angustifolia	32	F/P					R		3	G 5
869	Fraxinus angustifolia	22	F/P					R		2	G 5
870	Eucalyptus maculata	62	F/G	6	6	7	6		4.5	6	G 5
871	Fraxinus angustifolia	41	F/G	7	7	7	6		3.5	4	G 5
872	Fraxinus angustifolia	52	F	7	3	6	7		4	5	G 6
873	Lophostemon confertus	28	P					R		2	G 6
874	Eucalyptus torquata	25	P					R		2	G 6
875	Platanus orientalis	47	F	5	5	6	5		5	5	G 6
876	Ligustrum lucidum	25	P					R		2	G 6
877	Acca sellowiana	20	P					R		2	G6
878	Leptospermum petersonii	8	P					R		2	G 6
879	Fraxinus angustifolia	33	F/G	6	5	4	6		2.5	4	F 6
880	Acacia pravissima - DEAD									1	E 6

No.		(cm)	G/F/P	Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	(m)	(1-10)	Reference
881	Agonis flexuosa									2	E 6
882	Melaleuca stypheliodes									3	E 6
883	Eucalyptus citriodora									5	E 5 / 6
884	Fraxinus angustifolia	21	F/G							4	G 5
885	Cotoneaster glaucophyllus	20	F/P					R		2	G 5
886	Pseudopanax lessonii	17	F					R		3	G 5
887	Agonis flexuosa	60	F/P					R		2	F 5
888	Schinus areira	28	F/P							3	F 4
889	Lophostemon confertus	26	F							4	G 5
890	Quercus canariensis	75	F	10	5	8	10		6	6	F 5
891	Quercus canariensis	94	F/G	12	12	9	11		7.5	8	F 5
892	Quercus canariensis/robur	86	F	9	9	8	10		7	5	F 5
893	Acacia pycnantha - GONE										F 5
894	Quercus canariensis	68	F/G	7	5	8	7		5.5	7	F 5
895	Quercus canariensis	77	P	7	8	7	9	DW2 I/DW R	6	3	F 5
896	Prunus persica	21	P					R		2	F 5
897	Eriobotrya japonica	25	F/P					R		3	F 5
898	Agonis flexuosa	27,27	P					R		2	E 5
899	Callistemon "Kings Park Special"	30	P					R		2	E 5
900	Callistemon "Kings Park Special"	28	P					R		2	E 5
901	Quercus robur	76	G	8	7	9	8		6	7	F 5

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatment	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
902	Schinus areira	78	G	8	8	8	8	CP		7	F 4
903	Quercus robur	59	F	9	6	8	7	I	5	7	E 4
904	Quercus robur	70	F/G	10	7	11	8	I	5.5	7	E 4
905	Allocasuarina verticellata	(I)30	P					R		3	E 4
906	Casuarina glauca	28	F	4	4	4	4			5	E 4
907	Quercus canariensis	78	F	10	8	9	9	I	7	7	E 4
908	Acacia melanoxylon - stump regrowth (I)	5	F					R		2	E 3
910	Acacia melanoxylon - stump							R		1	E 3
911	GONE										E 3
912	Acacia melanoxylon (I)	27	P					R		2	E 3
913	Cordyline australis	30	F/P					R		3	E 3
914	Cordyline australis	25	F/P					R		3	E 3
915	Pittosporum undulatum	16	F							4	E 3
916	GONE										E 3
916A	Callistemon rugulosus	25	F/P					R		3	E 3
917	Acacia pycnantha (I)	28	F/P					R		3	E 3
918	Callistemon pallidus	15	P					R		2	E 2
919	Callistemon rugulosus	23	F/P					R		3	E 2
920	Casuarina glauca	50	G	5	5	5	5		4	5	D 2

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
921	Casuarina glauca	19	G							4	E 2
921A	Casuarina glauca	24multi	F/G							4	E 2
922	Schinus areira	40	G						at boundary		F 1
923	Lophostemon confertus	28	F/G						at boundary		F 1
924	Eucalyptus leucoxylon(I)	22	F						at boundary		F 1
925	GONE										F 1
926	Leptospermum petersoni	16	P					R		2	F 1
927	Melaleuca linariifolia	37	F							4	G 1
928	Melaleuca linariifolia	47	F							4	G 1
929	Melaleuca linariifolia	40	F/P					R		3	G 2
930	Casuarina glauca	49	F							4	G 2
931	Melaleuca linariifolia	41	P					R		2	G 2
932	Melaleuca linariifolia	37	P					R		2	G 2
933	Eucalyptus viminalis	31	P					R		2	G 2
934	Casuarina glauca	34	F							4	G 2
935	Casuarina glauca	28	F							4	G 2
936	Casuarina glauca	32	F							4	G 2
937	Melaleuca armillaris	34	P					R		2	F 2
938	Eucalyptus viminalis (I)	56	F/P					R		3	F 2
939	Hakea salicifolia - STUMP										F 2

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
963	Eucalyptus nicholii	30	F/P	4	3	4	6		2.5	4	
											I 4
964	GONE										I 4
965	GONE										
966	GONE										I 4
967	GONE										I 4
968	Eucalyptus nicholii	35,23	P					R		2	I 4
969	NO TREE										I 4
969A	Eucalyptus nicholii	31	P					R		3	J 4
970	Eucalyptus nicholii	30	F/P					R		3	J 4
971	Eucalyptus nicholii	42	F-P					R		3	J 4
972	Eucalyptus nicholii	26	P					R		3	J 4
973	Melaleuca styphelioides	21,20	F/P					R	2	3	J 4
974	Eucalyptus nicholii	20	P					R		2	J 4
975	Eucalyptus nicholii	30	P	5	2	2.5	3	R	2.3	2	J 4
976	Eucalyptus nicholii	43	F/P	3	4	4	3	R	3.3	4	J 4
977	Eucalyptus nicholii	approx 34	F/P	3	4	4	4	R	2.8	3	J 4
978	Melaleuca styphelioides	17,15	F	3.5	4	3.5	3.5	R	1.8	3	J 4
978A	GONE										
978A	GONE										
989	Casuarina cunninghamiana	25	P							3	L 3

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
990	Eucalyptus globulus approx	62	F	7	6	4	6		4	4	L 3
991	Eucalyptus globulus approx	32	P							3	L 3
992	Eucalyptus melliodora	22	F	4	4	5.5	4		1.5	4	L 3
993	Eucalyptus melliodora	30	F	4	4	5.5	4		2.0	4	L 3
1000	Eucalyptus melliodora										N 3
1002	Eucalyptus camaldulensis										N 3
1003	Eucalyptus camaldulensis										N 3
1005	Eucalyptus camaldulensis										N 3
1007	Eucalyptus camaldulensis	17	G	4	4	4	4	I	1.5	4	M 2
1008	Eucalyptus melliodora	23	G	4	4	4	4	I	1.8	4	M 2
1009	Eucalyptus camaldulensis	23	F	4	4	4	4	I	1.8	4	M 2
1010	Gone										M 2
1011	Eucalyptus melliodora	25	G	4	4	4	4	I	1.8	4	M 2
1012	Gone										L2
1013	Eucalyptus camaldulensis	14	FF	4	4	4	4		1.2	4	L 2
1014	Eucalyptus melliodora	20	G	4	4	4	4		1.5	4	K 2
1015	Eucalyptus camaldulensis	20	G	4	4	4	4		1.5	4	K 2
1016	Eucalyptus melliodora	22	F	4	4	4	4		1.5	4	K 2
1017	Eucalyptus camaldulensis										J 2
1018	Allocasuarina verticellata (I)	20	P					R		2	K 4

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
1019	Eucalyptus melliodora (I)	25	F/P	4	4	4	4		2	4	J 4
1020	Melaleuca styphelioides	33	F/P	3.5	3	3	3		2.3	4	J 4
1021	Allocasuarina verticollata (I)	20	F	2.5	3	3.5	2		1.7	4	J 4
1022	Allocasuarina verticollata (I)	27	F	3.5	2	3.5	3.5		2	4	J 3
1023	Eucalyptus caleyi	36	F	3.5	5	3.5	4		3	5	J 4
1024	Allocasuarina verticillata	21	F	4	3	3	4		1.5	4	J 3
1025	Eucalyptus melliodora (I)	10	P(half of crown is dead)					R		2	J 3
1026	GONE										I / J 3
1027	GONE										I 3
1028	Lophostemon confertus	27	F							4	I 3
1029	Callistemon rugulosus	32	F					R		3	I 3
1030	Callistemon "Kings Park Special"	32	P					R		2	I 3
1031	Agonis flexuosa	50	F/P					R		3	I 3
1032	Fraxinus angustifolia	35	F/P					R		3	I 3
1033	Agonis flexuosa	50	F/P					R		3	I 3
1034	Agonis flexuosa	40	P					R		2	I 3
1035	Agonis flexuosa	37	P					R		3	H 2
1036	Agonis flexuosa	55	F/P							4	H 2
1037	Ligustrum lucidum	42	P					R		2	I 2

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
1038	Callistemon "Harkness"	27	P					R		2	I 2
1039	Callistemon "Harkness"	30	P					R		2	I 2
1040	Fraxinus angustifolia	57	P					R		2	H 2
1041	Callistemon "Harkness"	10	F/P					R		3	H 2
1042	Lophostemon confertus	13	P					R		2	H 1
1043	Lophostemon confertus - DEAD										H 1
1044	x Cuprocyparis leylandii	15	G						1.3	in adj prop	G 1
1045	Lophostemon confertus	25	G						2	in adj prop	G 1
1046	Lophostemon confertus	27	G		3	3	3		2	in adj prop	G 1
1047	Acacia baileyana										H 1
1048	Acacia pycnantha - dead	27						R			I 2
1049	Eucalyptus camaldulensis (I)	27	G							4	I 1
1050	Eucalyptus camaldulensis (I)	28	F/G							4	I 1
1051	Eucalyptus camaldulensis (I)	24	F							4	J 1
1052	GONE										J 1
1053	Quercus canariensis	53	F	7		6		adj prop	5		D 3
1054	Quercus canariensis	57	F	6	9	7		adj prop	5.5		E 3
1055	Quercus canariensis	46	F/P		6	5		I	4	5	D 4
1056	Quercus canariensis	57	F	7	8	7	7	I	5.5	6	E 4
1057	Quercus canariensis	55	F/P		6	7		I,DW,DW2	5	6	D 4

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings N	S	E	W	Treatment	RPZ (m)	WOR (1-10)	Map Reference
1058	Quercus canariensis	48	F	7	7	6	7	I,DW	4.5	6	D 4
1059	Quercus canariensis	55	F		7	8		I,DW	4.5	6	D 4
1060	Quercus canariensis	56	F/P		6	7		I	5	5	D 4
1061	Quercus canariensis	48	F/P					I	4.5	4	D 4
1062	Quercus canariensis	48	F					I	4.5	5	D 4
1063	Quercus canariensis	39	F					I	4	5	D 5
1064	Quercus canariensis	60	F/P					I	5.5	4	D 5
1065	Quercus canariensis	42	F					I	4	5	D 5
1066	Quercus canariensis	65	F/G					I	6	7	C 5
1067	Quercus canariensis	47	F					I	4	6	C 5
1068	Quercus canariensis	44	F			5		I	4	5	C 6
1069	Quercus canariensis	37	F			5		I	4	5	C 6
1070	Quercus canariensis	60	F			7		I	5	6	C 6
1071	Quercus canariensis	70	F/G					I	5.5	7	B 6
1072	Acacia podalyriifolia		P							2	B 6
1073	Quercus canariensis	60	F					I	5.5	6	B 6
1074	Quercus canariensis	63	P					I	5.5	4	B 6
1075	Quercus canariensis - DEAD									1	B 7
1076	Pittosporum undulatum	24	F/P							3	B 7
1077	Melaleuca quinquenenervia		G								D 6

1078	Callistemon salignus	20	P								3	D 6
1079	Hakea laurina	21	F	3.5	3	3	3.5			1.7	3	D 7
1080	Hakea laurina	10	G	3	3	3	3			1.2	3	D 7
1081	Ligustrum lucidum											C 7
1082	Callistemon rigidus											C 7 / 8
1083	Melaleuca bracteata	35	F/P					R			3	C 7
1084	Lophostemon confertus	30	F	5	5.5	5	5	P		2.2	4	D 7
1086	Melaleuca armilliaris	22,20,15,15	P								3	D 9

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings				Treatment	RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W				
1087	Melaleuca armilliaris	18,17,16	P							3	D 9
1088	Hakea laurina	30	P					R		2	D 10
1089	Grevillea robusta	42	F	5	5	5	5		4	4	D 10
1090	Pittosporum undulatum	26	F/P							4	D 10
1091	Pittosporum undulatum										D 9
1092	Arbutus unedo	22	F	3	4	4	3			4	D 9
1093	Acacia mearnsii (I)	29	P					R		2	C 8
1094	Ligustrum lucidum	40	P					R		2	C 8
1095	Syzygium paniculatum	43	F					I		4	C 8
1096	Syzygium paniculatum	33	F					I		4	C 8
1097	Syzygium paniculatum	31	F					I		4	C 8
1098	Syzygium paniculatum	40	F					I		4	C 8

Tree No.	Species	DBH (cm)	Condition G/F/P	Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings					RPZ (m)	WOR (1-10)	Map Reference
				N	S	E	W	Treatment			
1099	Syzygium paniculatum	33	F/P					I		4	C 8
1100	Syzygium paniculatum	38	P							3	C 8
1101	Quercus canariensis	52			6	5		I	4.5	7	B 7
1102	Quercus canariensis	58	F/P		7	7		I	5	7	B 7
1103	Quercus canariensis	53	F	7	6	7	7	I	4.5	7	A 7 /
1104	Arbutus unedo	26	P							2	A 8
1105	Quercus canariensis	32	F/P	3	4	4	5		2.7	4	A 8
1106	Quercus canariensis	31	F	6	6	5	6		2.7	6	A 8
1107	Quercus hybrid	54	F	7	8	7	6	DW	5	7	A 8
1108	Quercus canariensis	50	F/P	7	7	8	7	I	4.5	5	A 8
1109	Quercus canariensis	32	F	5	6	4	6		3	6	A 8
1110	Arbutus unedo	50	F/P	5	6	6	5	DW,DW2,I	4	4	A8
1111	Arbutus unedo	43	F	4	4	3	4		3	4	A8
1112	Chamaecyparis funebris	30	P							3	A 8
1113	Quercus canariensis	28	F/P	5	4	4	3		2.5	4	A 8
1114	Quercus canariensis	Dead tree									
1115	Pittosporum undulatum	23	F/P	5	2	3	4		1.7	3	A 8
1116	Quercus canariensis	67	F	8	8	11	9	DW,I	5.5	7	A 8
1117	Quercus canariensis	62	F	10	6	9	7	I	5.5	6	B 8
1118	Quercus canariensis	49	P					R		2	A 9

1119	Quercus canariensis	41	F/P	5	4	4	5	DW I	3.3	3		A 9
1120	Cedrus deodara	65	F	6	7	7	6	DW I	5.5	7		A 9
1122	Acacia decurrens	23	P					R		2		A 9
1123	Lophostemon confertus	30	F/P	3	3	3	4		2.3	4		B 9
1124	Quercus canariensis	68	F	8	6	7	7	I	6	7		B 9
1125	Eucalyptus maculata	42,32	F/G	6	5	6	6	DW,CP	4	5		A 9
1126	Cedrus deodara	72	F/G	7	8	8	7	DW	6	6		A 9
1127	Arbutus unedo	33	F	4	4	4	4	I	3	5		B 9
1128	Quercus canariensis	62	F	9	7	7	7	DW I	5.5	7		B 9
1129	Quercus canariensis	70	F/P	7	7	7	8	DW2 I	6	4		B 9

Tree No.	**Species**	**DBH (cm)**	**Condition G/F/P**	**Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings**					**RPZ (m)**	**WOR (1-10)**		**Map Reference**
				N	**S**	**E**	**W**	**Treatment**				
1130	Arbutus unedo	23	F	3	4	3	4		2.7	4		B 9
1131	Quercus canariensis	33	F	4	3	6	4		3	6		B 9
1132	Ficus macrophylla	100	F/G	9		8	11		8	8		B 10
1133	Pittosporum undulatum	75	P	6		8	5	I	6	3		B 10
1134	Quercus canariensis	59	P					R		2		B 9
1135	Cedrus atlantica	69	F/G	9	9	7	7	DW,I	5.5	7		B 9
1136	Quercus canariensis	26	F/G	4	5	4	4	I	2.5	5		B 9
1137	Quercus canariensis	71	P					R	3		C 9	
1138	Quercus canariensis	88	F/P	7	11	9	7	I	7	4		C 9
1140	Quercus canariensis	74	F	10	9	10	8	I	7	7		C 9

1141	Quercus robur	42	F/P	7	7	5	7I	I	4	4		C 9
1142	Quercus canariensis	50	F	9	5	7	9		4	7		C 9
1143	Quercus canariensis	58	F/P	6	6	9	8	I	4	3		C 9
1144	Eucalyptus ficifolia	73	P					R		1		B 9
1145	Pittosporum undulatum	19	F	3	3	4	3			3		C 9
1146	Pittosporum undulatum	20	F/G	4	2	3	3			3		C 9
1147	Quercus canariensis	78	P	8	8	7	7	DW2 I	6.5	4		C 10
1148	Quercus canariensis	84	P					R		2		C 10
1149	Quercus canariensis	58	P	4	8	7	6	I		4.5	4	C 10
1150	Quercus canariensis	54	F/P	4	9	7	7	DW I		4.5	4	C 10
1151	Quercus hybrid	38	F/P	3	7	5	7	I	3.5	5		C 10

Tree No.	**Species**	**DBH (cm)**	**Condition G/F/P**	**Min. Comfort Distance from Trunk Centre in each of 4 Cardinal Directions for Construction of Dwellings**					**RPZ (m)**	**WOR (1-10)**		**Map Reference**
				N	**S**	**E**	**W**	**Treatment**				
1152	Cupressus sempervirens "Stricta"	26	F	2	2	2	2		2	4		C10
1153	Cedrus atlantica	72	F	8	7	9	8	DW	5.5	7		C 10
1154	Ficus macrophylla	39	P	3		2	5	DW,I	3	3		C 10
1155	Ulmus procera	75	F/G	8		7	8		6	7		C 10
1156	Ficus macrophylla	120	F/G	8		8	6		7	8		C 10
1157	Ulmus procera	77	F/G	7		7	5		6.5	7		C 10
1158	Ficus macrophylla	62	F/G	8		6	6	DW	5	7		C 10
1159	Ficus macrophylla	45	F	6	6	7	9	I	4	5		C 10
1160	Ulmus procera	35	F	5	5	6	6			4		D 10

1160A	Arbutus unedo	21	F	3	3	3	2			4	C 10
1160B	Cupressus lusitanica	32	F/P	3	4	2	3			3	C 10
1160C	Arbutus unedo	19	P	6	1	4	1			3	C 10
1160D	Pittosporum undulatum	23	F	4	4	5	4			3	C 10
1161	Ulmus procera	85	F/G	6		5	6		6.5	7	D 10
1162	Ulmus procera	30	F	5		4	4			4	D 10
1163	Ficus macrophylla	64	F	9		6	6	DW	5.5	7	D 10
1164	Quercus canariensis	95	G	10		6		DW	7.5	9	D 10 / 11
1165	Quercus canariensis	90	G	11		11	8		7	8	D 10 /11
1166	Ulmus procera	69	F	8	6	7	6	DW	5.5	7	D 10
1167	Ulmus procera	62	F	6	5	6	6	remove pipe from trunk	4.5	7	D 10
1168	Ficus macrophylla	40	F	5	5	6	6		3.3	7	D 10
1169	Ulmus procera	60	F/P	5	4	5	6		4.5	4	E 10
1170	Ficus macrophylla	51	F/G	6	5	6	5	DW	4	7	D 10
1171	Ulmus procera	68	F/G						6	7	E 10
1172	Quercus canariensis	83	F	8		8	8	I	7	7	E 11
1173	Quercus canariensis	72	G	8		9	6		6	8	E 11
1174	Ulmus procera	66	F	7	6	7	6	DW	6	7	E 10
1175	Quercus canariensis	63	P					R		2	E 11
1176	Quercus canariensis	71	G	9		8	7		6	8	E 11
1177	Ulmus procera	75	F	9	6	8	7	I	6	7	E 10
1178	Ficus macrophylla	37	F	5	3	4	5	I	3.5	5	E 10
1179	Cupressus torulosa	43	P	3	4	3	4	R	3	3	E 10

ARBORICULTURAL MANAGEMENT PLAN

1. An arborist will need to be appointed by the property owner/developer prior to commencement of works.

2. The trees to be retained and the trees to be removed must be clearly shown on the plans

3. The following worded sign must be attached to the tree protection fences "Tree Protection Fence" The signs must be weatherproof with large clear professional lettering.

4. A watering regime must be developed as discussed below for the site trees during the November to April periods of construction.

Site Trees to be Retained

Pre-Demolition Protection
Fence off the trees to be retained near the proposed works to at least the root preservation zones (RPZs) from the trunk centres wherever possible. If this is impossible, due to site constraints such as lack of pedestrian access the necessity for pathways within the RPZs for the ferrying of materials, or the existing or future presence of structures such as buildings, roads, drives, car parks and footpaths within the RPZs, at least protect the trunks with fencing, and mulch to a depth of 150mm outside the fences (where structures or paving is not present) to a radius of at least the RPZs from the trunk centres. Each fence must be at least 1.8m high sturdy high visibility fencing. Builder`s chain and mesh temporary fencing is good for this. The fences must remain intact without any fill or rubbish entering them for the life of the project. If they have to be removed or shifted within that time, the period during which this occurs must be minimized, and there must be no excavation or compaction of the RPZ, unless this is deemed by the consulting arborist as not being prejudicial to the SULE of the tree during that time.

During Construction Protection
Maintain as above. Any pruning which is necessary for building or scaffold clearance must be done according to the Australian Pruning Standard AS 4373:1996. Pruning and tree surgery works of trees as recommended in the table of data and treatment recommendations as listed above, ought to be undertaken at some stage during the construction period.

There must not be any trenching nor level reductions of greater than 100mm for any purpose, or significant soil compaction within the RPZ from the centre of the tree, unless it has been shown by non root destructive exploratory excavation beforehand, under arboricultural supervision, that it is unlikely to impact to the tree`s SULE.

Examples are avoiding any excavation for drains and services within the RPZs, unless by non root destructive means such as horizontal boring at greater than 800mm depth or by pneumatic or hydraulic means under arboricultural supervision.

Do not excavate nor reduce levels by more than 100mm for paving within the RPZs, unless it has been demonstrated by non root destructive exploratory excavation beforehand it is OK to do so.

Those trees already listed in the table of data and treatments, which are prescribed for irrigation, must be irrigated as prescribed.

Provide Council's Arborist 24 hours notice of the intention to undertake works within the root protection zone.

Arboricultural Supervision During Construction
It is recommended the consulting arborist periodically inspect the trees weekly during construction. Make recommendations where necessary.

Phytophthora cinnamomi Management Plan for Stage 2 Kew Cottages

Introduction
I am informed as part of the permit issue process for works to commence at Stage 2 of the above, a Phytophthora cinnamomi management plan is to be endorsed. This relates to the fact that a little over two years ago a mature Bishops Pine (tree 295 on the survey and within the area of Stage 2) of approximately 80 years of age, suddenly died. The roots were found to be waterlogged and the fungus Phytophthora cinnamomi (P.c.) was discovered in the soil. It is unknown as to whether the fungus was implicated in the decline of the tree or whether it was due purely the long term stagnant anaerobic soil conditions which had prevailed, combined with several days of intense heat and high evaporative demand.

Following the death of the tree, Ian Smith of the University of Melbourne supervised the sampling of soil from 100 grid points throughout the site. P.c. was not discovered anywhere else. The car park topography and retaining walls were altered to prevent the overland flow of water into the site of the tree. P.c. needs waterlogged soils/high water tables and susceptible plants to cause a problem. Probing of the soil in a number of places near the site revealed no waterlogging issues. It should be noted KRS has been using Stage 2 regularly for car parking and pedestrian access/egress well before and since the P.c. was discovered.

Approach to Management Plan
I have recently spoken to Ian Smith and discussed the best approach to the compilation of a management plan. It is our opinion before one is provided, a soil survey of Stage 2 should be undertaken by The University of Melbourne to determine if and where P.c. is present. If it is not discovered, one needs only to be mindful of avoiding the accrual of waterlogged soil in any area for any significant length of time. If P.c. is discovered, the

soil zone(s) where it is present may need to be isolated, sterilized or removed from the site.

Management Plan
Undertake a soil survey throughout Stage 2, taking soil sufficient samples at points on a grid, under the supervision of Ian Smith or his appointee of the University of Melbourne. This must be done well before significant earth works and soil moving at the site begins. With the results of the survey in hand, provide a Management Plan which addresses the issue of containing P.c..

Yours faithfully,
GALBRAITH & ASSOCIATES

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