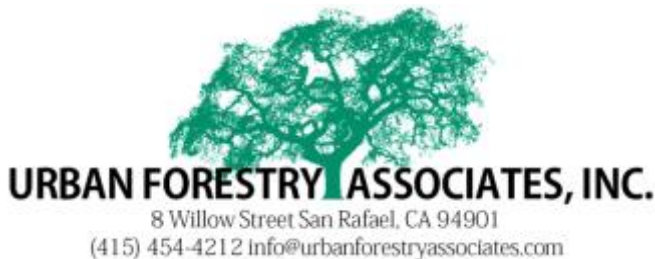


Sean Kennings
LAK Associates



ARBORIST PLAN REVIEW

For

Kaiser Facility at 1650 Los Gamos Drive

PURPOSE

Urban Forestry Associates (UFA) was asked by Sean Kennings of LAK Associates to review the plans for the proposed parking garage and roadway improvements at Lucas Valley Road and Los Gamos Drive for the potential impact to existing trees. UFA previously performed a full tree inventory for the project.

SCOPE OF WORK AND LIMITATIONS

Urban Forestry Associates has no personal or monetary interest in the outcome of this investigation. All observations regarding trees in this report were made by UFA, independently, based on our education and experience. All determinations of health condition, structural condition, or hazard potential of a tree or trees at issue are based on our best professional judgment. The health and hazard assessments in this report are limited by the visual nature of the assessment. Defects may be obscured by soil, brush, vines, aerial foliage, branches, multiple trunks or other trees. Even structurally sound, healthy trees are wind thrown during severe storms. Consequently, a conclusion that a tree does not require corrective surgery or removal is not a guarantee of no risk, hazard, or sound health.

OBSERVATION

Parking Garage

The plan set evaluated was dated 2/17/2017 and titled 1650 Los Gamos Drive Entitlements Design Review Package.

The tree data shown in the plan set is accurate to the best of my knowledge and agrees with the tree inventory produced by this office.

The vast majority of the tree removals are of relatively small Southern magnolia trees, which is a non-native species. Other removals include what appear to be planted coast live oaks and a few valley oaks.

It is highly likely the existing trees west of the proposed garage will survive construction provided access is limited during the duration of activities. This is best accomplished through the installation of at least 4" metal deer fencing at the canopy edge where possible and otherwise as close to any proposed excavation as possible. Supplemental irrigation in the form of soaker hoses inside the fenced area during the dry months would also help the trees to tolerate the construction impacts. The redwoods should be watered weekly and the oaks no more than monthly. The water should be run long enough to wet the soil at least 18" below grade.

If replacement trees are to be oaks, species should be selected that are resistant or not susceptible to sudden oak death (*Quercus lobata*, *douglasii* or *wislizeni*).

Intersection

The intersection does not appear to require any tree removals.

As with the trees around the garage, it is highly likely the existing trees around the proposed intersection expansion will survive construction provided access is limited during the duration of activities. This is best accomplished through the installation of at least 4" metal deer fencing at the canopy edge where possible and otherwise as close to any proposed excavation as possible. Supplemental irrigation in the form of soaker hoses inside the fenced area during the dry months would also help the trees to tolerate the construction impacts. Oaks should be watered no more than monthly. The water should be run long enough to wet the soil at least 18" below grade.

ARBORIST'S CHECKLIST

It is advisable to adhere to the following checklist:

- An urban forester, certified or consulting arborist shall establish the Tree Protection Zone (TPZ) prior to starting the demolition work. Four-foot-high wire deer fencing will be erected by the contractor and inspected by the arborist to limit access to the TPZ. This will protect the trunk and root zone throughout construction.
- Any trunk and root crown that is not protected by a TPZ where heavy equipment operation is likely to wound the trunk, install a barrel stave-like trunk wrap out of 2 X 4 studs connected together with metal straps, attached to the 2 X 4's with driver screws or 1" nails. The arborist shall oversee the installation of the trunk protection.
- Storage of equipment shall be on asphalt or ground protected by mulch / plywood in an area specified by the arborist in conjunction with the contractor or responsible party prior to the initiation of any demolition or construction activity.
- Heavy equipment use should be limited around trees and the roots. No equipment may be transported or used on bare ground within the root zone. A 6" layer of mulch and plywood must be placed under the path for access and egress. The protective "bridge" shall be maintained by the contractor and regularly inspected by the arborist.
- Any damage to trees due to demolition or construction activities shall be reported to the arborist within 6 hours, so that remedial action can be taken. Any damage done to the trees in violation of the contract agreement shall be appraised as a casualty loss by the arborist and provided to the tree owner.
- All trenching within the critical root zone shall be done pneumatically or by hand.
- No chemicals or other waste materials shall be dumped in the root zone of this tree. There shall be no material storage in the TPZ.
- Any tree pruning will be done in accordance with ISA standards.
- The soil and drainage shall be rehabilitated and all debris removed after construction.
- The arborist must perform a final inspection to ensure that no unmitigated damage has occurred and to specify any pest, disease or other health care. The arborist shall specify and oversee any necessary restorative actions.
- The arborist shall advise the homeowner on landscaping. Landscaping shall conform to arboricultural guidelines.

- Any suspected omissions or conflict between various elements of the plan shall be brought to the attention of the arborist and resolved before proceeding with the work.



Benjamin Anderson, Urban Forester
ISA Certified Arborist & TRAQ
WE:10160A

Tree #	Common Name	Scientific Name	Old tag #	DBH			Health	Structural Condition	Comments
				Stem 1	Stem 2	Stem 3			
1	Valley Oak	<i>Quercus lobata</i>		11.6			Fair.	Fair.	
2	Valley Oak	<i>Quercus lobata</i>		8.3			Fair.	Fair.	
3	Valley Oak	<i>Quercus lobata</i>		11.8			Fair. Covered in vines.	Fair.	
4	Coast Live Oak	<i>Quercus agrifolia</i>		9.7			Fair to good.	Fair.	
5	Coast Live Oak	<i>Quercus agrifolia</i>		17.8			Fair.	Fair.	
6	Coast Live Oak	<i>Quercus agrifolia</i>		11.0			Fair.	Fair.	
7	Coast Live Oak	<i>Quercus agrifolia</i>		8.8			Fair.	Fair.	Low branching.
8	Coast Live Oak	<i>Quercus agrifolia</i>		12.0			Fair.	Fair.	Low branching.
9	Coast Live Oak	<i>Quercus agrifolia</i>	105	17.0			Fair to good.	Fair.	Low branching.
10	Coast Live Oak	<i>Quercus agrifolia</i>		6.9			Fair.	Fair.	Low branching.
11	Coast Live Oak	<i>Quercus agrifolia</i>		4.3	3.3		Fair.	Fair.	
12	Coast Redwood	<i>Sequoia sempervirens</i>	109	21.8			Fair to good.	Fair to good.	
13	Coast Redwood	<i>Sequoia sempervirens</i>	110	34.0			Fair to good.	Fair to good.	
14	Coast Redwood	<i>Sequoia sempervirens</i>		34.4			Fair to good.	Fair to good.	
15	Coast Live Oak	<i>Quercus agrifolia</i>		7.7	7.4	6.3	Fair.	Fair.	
16	Coast Live Oak	<i>Quercus agrifolia</i>		9.7			Fair.	Fair.	
17	Coast Redwood	<i>Sequoia sempervirens</i>	115	32.8			Fair to good.	Good.	
18	Coast Redwood	<i>Sequoia sempervirens</i>	116	29.4			Fair to good.	Good.	
19	Coast Redwood	<i>Sequoia sempervirens</i>	118	27.5			Fair to good.	Good.	
20	Coast Redwood	<i>Sequoia sempervirens</i>	119	30.4			Fair to good.	Good.	
21	Coast Redwood	<i>Sequoia sempervirens</i>	120	18.5			Fair to good.	Fair.	
22	Coast Redwood	<i>Sequoia sempervirens</i>	125	31.5			Fair to good.	Good.	
23	Coast Redwood	<i>Sequoia sempervirens</i>	126	29.4			Fair to good.	Good.	
24	Coast Live Oak	<i>Quercus agrifolia</i>	127	14.4			Fair.	Fair.	Low branching..
25	Coast Redwood	<i>Sequoia sempervirens</i>	128	17.9			Fair.	Fair.	
26	Coast Redwood	<i>Sequoia sempervirens</i>	129	27.1			Fair to good.	Good.	
27	Coast Redwood	<i>Sequoia sempervirens</i>	130	26.1			Fair to good.	Good.	
28	Ash sp.	<i>Fraxinus sp.</i>		7.3			Fair.	Fair.	
29	Coast Redwood	<i>Sequoia sempervirens</i>	134	15.5			Fair to good.	Fair to good.	
30	Coast Redwood	<i>Sequoia sempervirens</i>	136	21.5			Fair to good.	Fair to good.	
31	Coast Redwood	<i>Sequoia sempervirens</i>	137	21.2			Fair to good.	Fair to good.	
32	Coast Redwood	<i>Sequoia sempervirens</i>	138	19.4			Fair to good.	Fair to good.	
33	Coast Redwood	<i>Sequoia sempervirens</i>	139	20.6			Fair to good.	Fair to good.	
34	Coast Live Oak	<i>Quercus agrifolia</i>		7.3			Fair.	Fair.	

35	Coast Live Oak	<i>Quercus agrifolia</i>		12.2			Fair.	Fair.	Low branching..
36	Coast Live Oak	<i>Quercus agrifolia</i>		8.0	3.5	3.4	Fair.	Fair.	
37	Coast Live Oak	<i>Quercus agrifolia</i>		11.5			Fair to good.	Fair.	
38	Ash sp.	<i>Fraxinus sp.</i>		8.5			Fair.	Fair to poor.	
39	Ash sp.	<i>Fraxinus sp.</i>		11.4			Fair.	Fair.	
40	Ash sp.	<i>Fraxinus sp.</i>		7.8			Fair.	Fair to poor.	
41	Coast Live Oak	<i>Quercus agrifolia</i>		7.6			Fair to good.	Fair.	
42	Coast Live Oak	<i>Quercus agrifolia</i>		8.2			Fair.	Fair.	
43	Coast Live Oak	<i>Quercus agrifolia</i>		21.9			Fair to good.	Fair.	
44	Coast Live Oak	<i>Quercus agrifolia</i>		6.5			Fair to good.	Fair to good.	
45	Coast Live Oak	<i>Quercus agrifolia</i>	14	12.8			Fair.	Fair to poor.	Termites and sycamore borer in lower main stem.
46	Ash sp.	<i>Fraxinus sp.</i>		13.1			Fair.	Fair.	Anthraxnose affecting foliage.
47	Mayten	<i>Maytenus boaria</i>		9.5			Poor. Main stem is over 50% girdled.	Fair.	
48	Ash sp.	<i>Fraxinus sp.</i>		5			Fair.	Fair.	
49	Southern Magnolia	<i>Magnolia grandiflora</i>		9.3			Fair.	Fair.	
50	Mayten	<i>Maytenus boaria</i>		11.3			Fair.	Fair.	Low branching..
51	Ash sp.	<i>Fraxinus sp.</i>		13.0			Fair.	Fair.	Anthraxnose affecting foliage.
52	Coast Live Oak	<i>Quercus agrifolia</i>		16.5			Fair to good.	Fair.	
53	Coast Live Oak	<i>Quercus agrifolia</i>		12.1			Fair.	Fair.	
54	Coast Live Oak	<i>Quercus agrifolia</i>		7.6			Fair.	Fair.	
55	Coast Live Oak	<i>Quercus agrifolia</i>	28	13.5			Fair.	Fair.	Termites and sycamore borer in lower main stem.
56	Coast Live Oak	<i>Quercus agrifolia</i>		6.6			Fair.	Fair.	
57	Coast Live Oak	<i>Quercus agrifolia</i>		6.0			Fair.	Fair.	
58	Valley Oak	<i>Quercus lobata</i>		23.8			Fair to good.	Fair. Canopy oriented over street.	
59	Coast Live Oak	<i>Quercus agrifolia</i>		21.9			Fair.	Fair Significant girdle roots.	Birds nest.
60	Coast Live Oak	<i>Quercus agrifolia</i>		7.9			Fair.	Fair.	
61	Coast Live Oak	<i>Quercus agrifolia</i>	79	19.5			Fair to good.	Fair to good.	
62	Coast Live Oak	<i>Quercus agrifolia</i>		8.3			Fair to good.	Fair.	
63	Coast Live Oak	<i>Quercus agrifolia</i>	81	14.5			Fair to good.	Fair.	Birds nest.
64	Coast Live Oak	<i>Quercus agrifolia</i>	82	19.2			Fair to good.	Fair.	
65	Valley Oak	<i>Quercus lobata</i>		12.8			Fair to good.	Fair.	
66	Valley Oak	<i>Quercus lobata</i>		14.0			Fair to good.	Fair.	Poison oak on main stem.
67	Valley Oak	<i>Quercus lobata</i>		14.0			Fair to good.	Fair.	Poison oak on main stem.
68	Coast Live Oak	<i>Quercus agrifolia</i>	86	14.2			Fair to good.	Fair to good.	
69	Valley Oak	<i>Quercus lobata</i>		40.0			Fair.	Fair.	

70	Coast Live Oak	<i>Quercus agrifolia</i>		7.8			Fair to good.	Fair to good.	
71	Valley Oak	<i>Quercus lobata</i>		10.1			Fair to good.	Fair to good.	
72	Valley Oak	<i>Quercus lobata</i>		10.1			Fair.	Fair to good.	
73	Coast Live Oak	<i>Quercus agrifolia</i>	92	7.5			Fair to good.	Fair to good.	Low branching..
74	Valley Oak	<i>Quercus lobata</i>		15.5			Fair to good.	Fair.	
75	Valley Oak	<i>Quercus lobata</i>		18.3			Fair to good.	Fair to good.	
76	Coast Live Oak	<i>Quercus agrifolia</i>		15.2	13.0		Poor.	Fair.	
77	Coast Live Oak	<i>Quercus agrifolia</i>	37	14.9			Fair to poor.	Fair.	
78	Southern Magnolia	<i>Magnolia grandiflora</i>		8.9			Fair to good.	Fair.	
79	Southern Magnolia	<i>Magnolia grandiflora</i>		11.6			Fair to good.	Fair.	
80	Southern Magnolia	<i>Magnolia grandiflora</i>		8.3			Fair to good.	Fair.	
81	Southern Magnolia	<i>Magnolia grandiflora</i>		8.0			Fair to good.	Fair.	
82	Southern Magnolia	<i>Magnolia grandiflora</i>		8.6			Fair to good.	Fair.	
83	Southern Magnolia	<i>Magnolia grandiflora</i>		8.7			Fair to good.	Fair.	
84	Southern Magnolia	<i>Magnolia grandiflora</i>		9.3			Fair to good.	Fair.	
85	Southern Magnolia	<i>Magnolia grandiflora</i>		11.8			Fair to good.	Fair.	
86	Southern Magnolia	<i>Magnolia grandiflora</i>		6.5			Fair to good.	Fair.	
87	Southern Magnolia	<i>Magnolia grandiflora</i>		9.2			Fair to good.	Fair.	
88	Southern Magnolia	<i>Magnolia grandiflora</i>		7.9			Fair to good.	Fair.	
89	Southern Magnolia	<i>Magnolia grandiflora</i>		9.2			Fair to good.	Fair.	
90	Southern Magnolia	<i>Magnolia grandiflora</i>		8.1			Fair.	Fair to poor.. Necrotic strip of cambium on main stem.	
91	Southern Magnolia	<i>Magnolia grandiflora</i>		8.4			Fair to good.	Fair.	
92	Southern Magnolia	<i>Magnolia grandiflora</i>		10.6			Fair to good.	Fair.	
93	Southern Magnolia	<i>Magnolia grandiflora</i>		5.0			Fair.	Fair.	
94	Southern Magnolia	<i>Magnolia grandiflora</i>		7.1			Fair to good.	Fair.	
95	Southern Magnolia	<i>Magnolia grandiflora</i>		6.7			Fair.	Fair.	
96	Southern Magnolia	<i>Magnolia grandiflora</i>		9.7			Fair to good.	Fair.	
97	Southern Magnolia	<i>Magnolia grandiflora</i>		6.5			Fair.	Fair.	
98	Southern Magnolia	<i>Magnolia grandiflora</i>		4.2			Fair.	Fair.	
99	Southern Magnolia	<i>Magnolia grandiflora</i>		9.8			Fair to good.	Fair.	
100	Southern Magnolia	<i>Magnolia grandiflora</i>		8.0			Fair to good.	Fair Wound on west face of main stem.	
101	Southern Magnolia	<i>Magnolia grandiflora</i>		7.5			Fair to good.	Fair.	
102	Southern Magnolia	<i>Magnolia grandiflora</i>		12.1			Fair to good.	Fair.	
103	Southern Magnolia	<i>Magnolia grandiflora</i>		8.6			Fair to good.	Fair.	
104	Southern Magnolia	<i>Magnolia grandiflora</i>		9.8			Fair to good.	Fair.	

105	Southern Magnolia	<i>Magnolia grandiflora</i>		9.8			Fair to good.	Fair.	
106	Coast Live Oak	<i>Quercus agrifolia</i>		16.4			Fair to good.	Fair.	
107	Coast Live Oak	<i>Quercus agrifolia</i>		20.2			Fair to good.	Fair. Girdle root.	
108	Ash sp.	<i>Fraxinus sp.</i>		9.6			Fair to good.	Fair.	
109	Coast Live Oak	<i>Quercus agrifolia</i>		10.4	8.6		Fair. Defoliating insect activity in the canopy.	Fair.	
110	Coast Live Oak	<i>Quercus agrifolia</i>		14.3			Fair. Canopy is slightly sparse.	Fair.	Low branching..
111	Coast Live Oak	<i>Quercus agrifolia</i>		11.7			Fair.	Fair.	Low branching..
112	Coast Live Oak	<i>Quercus agrifolia</i>		11.1			Fair.	Fair.	Low branching..
113	Coast Live Oak	<i>Quercus agrifolia</i>		15.0			Fair. Sparse canopy.	Fair.	
114	Coast Live Oak	<i>Quercus agrifolia</i>		5.6			Fair.	Fair.	
115	Coast Live Oak	<i>Quercus agrifolia</i>		5.5			Fair.	Fair.	
116	Coast Live Oak	<i>Quercus agrifolia</i>	329	11.7			Fair.	Fair.	Low branching..
117	Coast Live Oak	<i>Quercus agrifolia</i>	330	11.3	9.4		Fair.	Fair.	
118	Coast Live Oak	<i>Quercus agrifolia</i>		5.3			Fair.	Fair.	
119	Coast Live Oak	<i>Quercus agrifolia</i>		13.5			Fair to good.	Fair.	
120	Coast Live Oak	<i>Quercus agrifolia</i>	333	12.2	11.8		Fair to good.	Fair to poor.	
121	Coast Live Oak	<i>Quercus agrifolia</i>	334	11.8	9.7	9.6	Fair to poor.. There are hypoxylon decay fungus fruiting bodies and associated bark exfoliation along multiple branches.	Fair.	
122	Coast Live Oak	<i>Quercus agrifolia</i>	336	10.3			Fair.	Fair.	
123	Coast Live Oak	<i>Quercus agrifolia</i>	337	14.0	10.4		Fair to good.	Fair.	
124	Ash sp.	<i>Fraxinus sp.</i>		10.4			Fair to good.	Fair.	
125	Ash sp.	<i>Fraxinus sp.</i>	346	7.3				Fair.	
126	Chinese Pistache	<i>Pistacia chinensis</i>		10.6			Fair to good.	Fair.	
127	Coast Redwood	<i>Sequoia sempervirens</i>	348	8.8			Fair.	Fair.	
128	Coast Live Oak	<i>Quercus agrifolia</i>		15.5			Fair to good.	Fair to good.	
129	Chinese Pistache	<i>Pistacia chinensis</i>	350	9.9			Fair to good.	Fair.	
130	Chinese Pistache	<i>Pistacia chinensis</i>	351	7.8			Fair to good.	Fair.	
131	Chinese Pistache	<i>Pistacia chinensis</i>	352	7.4			Fair to good.	Fair.	
132	Chinese Pistache	<i>Pistacia chinensis</i>	353	10.1			Fair to good.	Fair.	
133	Coast Redwood	<i>Sequoia sempervirens</i>		15.0			Fair.	Fair. Topped.	
134	Coast Redwood	<i>Sequoia sempervirens</i>	355	14.6			Fair.	Fair. Topped.	
135	Coast Redwood	<i>Sequoia sempervirens</i>		17.2			Fair.	Fair. Topped.	
136	Chinese Pistache	<i>Pistacia chinensis</i>	357	9.8			Fair to good.	Fair.	Low branching..
137	Chinese Pistache	<i>Pistacia chinensis</i>	358	7.7			Fair to good.	Fair.	
138	Chinese Pistache	<i>Pistacia chinensis</i>	359	8.4			Fair to good.	Fair.	

139	Coast Redwood	<i>Sequoia sempervirens</i>	360	25.4			Fair.	Fair. Topped.	
140	Coast Redwood	<i>Sequoia sempervirens</i>	361	12.5			Fair.	Fair. Topped.	
141	Coast Redwood	<i>Sequoia sempervirens</i>	362	21.6			Fair.	Fair. Topped.	
142	Chinese Pistache	<i>Pisticia chinensis</i>	363	8.3			Fair to good.	Fair.	
143	Chinese Pistache	<i>Pisticia chinensis</i>	364	10.3			Fair to good.	Fair.	
144	Chinese Pistache	<i>Pisticia chinensis</i>	365	6.5			Fair.	Fair.	
145	Chinese Pistache	<i>Pisticia chinensis</i>	369	8.5			Fair to good.	Fair.	
146	Chinese Pistache	<i>Pisticia chinensis</i>	370	10.3			Fair to good.	Fair.	
147	Coast Redwood	<i>Sequoia sempervirens</i>	366	15.0			Fair.	Fair to good.	
148	Coast Redwood	<i>Sequoia sempervirens</i>	367	19.7			Poor.	Fair.	
149	Chinese Pistache	<i>Pisticia chinensis</i>		11.0			Fair to good.	Fair to good.	
150	crab apple	<i>Malus sp.</i>	294	4.2	3.8	3.2	Fair.	Fair.	
151	Coast Live Oak	<i>Quercus agrifolia</i>		8.1			Fair.	Fair.	
152	Coast Live Oak	<i>Quercus agrifolia</i>		7.5			Fair.	Fair.	
153	Chinese Pistache	<i>Pisticia chinensis</i>	299	10.4			Fair to good.	Fair.	
154	Chinese Pistache	<i>Pisticia chinensis</i>	300	10.4			Fair to good.	Fair.	
155	crab apple	<i>Malus sp.</i>	295	3.4	2.9	2.6	Fair.	Fair.	
156	Coast Redwood	<i>Sequoia sempervirens</i>	291	22.8			Fair.	Fair to good.	
157	Coast Redwood	<i>Sequoia sempervirens</i>	290	14.3			Fair to poor.	Fair.	
158	Coast Redwood	<i>Sequoia sempervirens</i>	289	14.7			Fair to poor.	Fair.	
159	Coast Redwood	<i>Sequoia sempervirens</i>	288	13.9			Fair to poor.	Fair.	
160	Coast Redwood	<i>Sequoia sempervirens</i>	287	15.8			Fair.	Fair.	
161	Coast Redwood	<i>Sequoia sempervirens</i>	286	9.0			Fair.	Fair.	
162	Coast Redwood	<i>Sequoia sempervirens</i>	285	16.0			Fair to poor.	Fair.	
163	Coast Redwood	<i>Sequoia sempervirens</i>	284	14.3			Fair to poor.	Fair.	
164	Chinese Pistache	<i>Pisticia chinensis</i>	315	8.7			Fair.	Fair.	
165	Chinese Pistache	<i>Pisticia chinensis</i>		9.1			Fair.	Fair.	
166	Southern Magnolia	<i>Magnolia grandiflora</i>		8.6			Fair.	Fair.	Sun scald.
167	Southern Magnolia	<i>Magnolia grandiflora</i>		6.7			Fair.	Fair to poor.	Sun scald.
168	Southern Magnolia	<i>Magnolia grandiflora</i>		7.5			Fair to poor.	Fair.	Sun scald.
169	Southern Magnolia	<i>Magnolia grandiflora</i>	310	7.1			Fair to poor.	Fair.	Sun scald.
170	Southern Magnolia	<i>Magnolia grandiflora</i>	309	6.1			Fair.	Poor.	Sun scald.
171	Southern Magnolia	<i>Magnolia grandiflora</i>		4.1			Poor.	Poor.	Sun scald.
172	Southern Magnolia	<i>Magnolia grandiflora</i>	307	6.8			Fair.	Fair.	
173	Southern Magnolia	<i>Magnolia grandiflora</i>	306	8.6			Fair to good.	Fair.	
174	Southern Magnolia	<i>Magnolia grandiflora</i>	305	7.1			Fair.	Fair.	

175	Southern Magnolia	<i>Magnolia grandiflora</i>	303	7.1			Fair.	Fair.	
176	Chinese Pistache	<i>Pistacia chinensis</i>	301	7.8			Fair.	Fair.	
177	Chinese Pistache	<i>Pistacia chinensis</i>	302	9.9			Fair to good.	Fair.	
178	Liquidambar	<i>Liquidambar styraciflua</i>		14.2			Fair.	Fair.	
179	Liquidambar	<i>Liquidambar styraciflua</i>		12.2			Fair.	Fair.	
180	Podocarpus			7.2			Good.	Fair.	
181	Liquidambar	<i>Liquidambar styraciflua</i>		14.4			Fair to good.	Fair.	
182	Podocarpus	<i>Afrocarpus gracilior</i>		9.1			Fair to good.	Poor. Overextended co-dominant stems.	
183	Podocarpus	<i>Afrocarpus gracilior</i>		8.7			Fair to good.	Fair to good.	
184	Liquidambar	<i>Liquidambar styraciflua</i>		12.8			Fair.	Fair.	
185	Liquidambar	<i>Liquidambar styraciflua</i>		11.2			Fair.	Fair.	
186	Liquidambar	<i>Liquidambar styraciflua</i>		10.4			Fair.	Fair.	
187	Ash sp.	<i>Fraxinus sp.</i>		13.7			Fair.	Fair.	
188	Mayten	<i>Maytenus boaria</i>		14.0			Fair.	Fair.	
189	Liquidambar	<i>Liquidambar styraciflua</i>		12.0			Fair.	Fair.	
190	Liquidambar	<i>Liquidambar styraciflua</i>		8.7			Fair.	Fair.	
191	Liquidambar	<i>Liquidambar styraciflua</i>		10.1			Fair.	Fair.	
192	Liquidambar	<i>Liquidambar styraciflua</i>		9.0			Fair.	Fair.	
193	Liquidambar	<i>Liquidambar styraciflua</i>		10.9			Fair.	Fair.	
194	camphor	<i>Cinnamomum camphora</i>		9.6	7.4		Fair.	Fair.	
195	camphor	<i>Cinnamomum camphora</i>		10.5			Fair.	Fair.	
196	Liquidambar	<i>Liquidambar styraciflua</i>	203	9.9			Fair.	Fair.	
197	Liquidambar	<i>Liquidambar styraciflua</i>		8.4			Fair.	Fair.	
198	Liquidambar	<i>Liquidambar styraciflua</i>	192	9.7			Fair.	Fair.	
199	Coast Live Oak	<i>Quercus agrifolia</i>		16.3			Fair to good.	Fair to good.	
200	Ash sp.	<i>Fraxinus sp.</i>		20.2			Fair to good.	Fair.	
201	Liquidambar	<i>Liquidambar styraciflua</i>		13.6			Fair to good.	Fair.	
202	Liquidambar	<i>Liquidambar styraciflua</i>	188	13.4			Fair to good.	Fair.	
203	Liquidambar	<i>Liquidambar styraciflua</i>		12.5			Fair to good.	Fair.	
204	Liquidambar	<i>Liquidambar styraciflua</i>		14.1			Fair to good.	Fair.	
205	Coast Live Oak	<i>Quercus agrifolia</i>		18.1			Fair to good.	Fair.	
206	Coast Live Oak	<i>Quercus agrifolia</i>	181	11.2			Fair to good.	Fair.	
207	Coast Live Oak	<i>Quercus agrifolia</i>	180	8.6			Fair to good.	Fair.	
208	Coast Live Oak	<i>Quercus agrifolia</i>		15.5			Fair to good.	Fair to good.	Low branching..
209	Coast Live Oak	<i>Quercus agrifolia</i>	176	13.1			Fair.	Fair.	
210	Coast Live Oak	<i>Quercus agrifolia</i>		9.8			Fair.	Fair.	Low branching..
211	Liquidambar	<i>Liquidambar styraciflua</i>		9.8			Fair to good.	Fair.	

212	Liquidambar	<i>Liquidambar styraciflua</i>		7.5			Fair to good.	Fair.	
213	Liquidambar	<i>Liquidambar styraciflua</i>		12.3			Fair to good.	Fair.	
214	Liquidambar	<i>Liquidambar styraciflua</i>		8.5			Fair to good.	Fair.	
215	Coast Live Oak	<i>Quercus agrifolia</i>		10.5			Fair to poor.. Sparse canopy.	Fair.	
216	Coast Live Oak	<i>Quercus agrifolia</i>		6.2	5.1	4.8	Fair to poor.. Sparse canopy	Fair.	
217	Liquidambar	<i>Liquidambar styraciflua</i>		9.5			Fair to good.	Fair.	
218	Liquidambar	<i>Liquidambar styraciflua</i>		9.0			Fair to good.	Fair.	
219	Liquidambar	<i>Liquidambar styraciflua</i>	270	10.8			Fair to good.	Fair.	
220	Liquidambar	<i>Liquidambar styraciflua</i>		12.1			Fair to good.	Fair.	
221	Liquidambar	<i>Liquidambar styraciflua</i>	266	15.0			Fair to good.	Fair.	
222	European White Birch	<i>Betula pendula</i>		8.0			Fair.	Fair.	
223	European White Birch	<i>Betula pendula</i>		12.0			Fair.	Fair.	
224	Mayten	<i>Maytenus boaria</i>		9.0			Fair to good.	Fair.	
225	Liquidambar	<i>Liquidambar styraciflua</i>		11.5			Fair to good.	Fair.	
226	Liquidambar	<i>Liquidambar styraciflua</i>		10.0			Fair to good.	Fair.	
227	Liquidambar	<i>Liquidambar styraciflua</i>		11.0			Fair to good.	Fair.	
228	Liquidambar	<i>Liquidambar styraciflua</i>		9.0			Fair to good.	Fair.	
229	Liquidambar	<i>Liquidambar styraciflua</i>	251	5.6			Fair to good.	Fair.	
230	Liquidambar	<i>Liquidambar styraciflua</i>		9.5			Fair to good.	Fair.	
231	Ash sp.	<i>Fraxinus sp.</i>		21.6			Fair to good.	Fair to poor.. Poor branch attachments.	
232	saucer magnolia	<i>Magnolia x soulangeana</i>	247	5.2	3.9		Fair to poor.	Fair to poor.. Extensive area of necrotic cambium in dominant stem.	
233	saucer magnolia	<i>Magnolia x soulangeana</i>	245	4.6			Fair.	Fair.	
234	saucer magnolia	<i>Magnolia x soulangeana</i>		6.2	5.8	5.6	Fair.	Fair.	
235	saucer magnolia	<i>Magnolia x soulangeana</i>	243	4.7	4.3		Fair.	Fair.	
236	crab apple	<i>Malus sp.</i>	239	8.6			Fair.	Fair.	
237	crab apple	<i>Malus sp.</i>	238	7.7			Fair.	Fair.	
238	saucer magnolia	<i>Magnolia x soulangeana</i>		5.9			Fair.	Fair.	Low branching..
239	crab apple	<i>Malus sp.</i>		3.9	3.7	2.9	Fair.	Fair to poor.	
240	saucer magnolia	<i>Magnolia x soulangeana</i>	232	3.3	3.0		Fair.	Fair.	
241	saucer magnolia	<i>Magnolia x soulangeana</i>		4.7			Fair.	Fair.	
242	saucer magnolia	<i>Magnolia x soulangeana</i>		5.5	5.3		Fair.	Fair.	
243	Coast Live Oak	<i>Quercus agrifolia</i>		10.0			Good	Fair to good.	
244	Ash sp.	<i>Fraxinus sp.</i>	371	10.6			Good	Fair.	
245	Coast Live Oak	<i>Quercus agrifolia</i>		8.0	6.8		Fair to good.	Fair.	
246	Coast Redwood	<i>Sequoia sempervirens</i>		8.1			Fair.	Fair.	
247	Coast Redwood	<i>Sequoia sempervirens</i>		8.2			Fair.	Fair.	

248	Chinese Pistache	<i>Pistacia chinensis</i>	375	10.6			Fair to good.	Fair.	
249	Chinese Pistache	<i>Pistacia chinensis</i>	376	9.7			Fair to good.	Fair.	
250	Chinese Pistache	<i>Pistacia chinensis</i>	377	7.8			Fair to good.	Fair.	
251	Coast Redwood	<i>Sequoia sempervirens</i>	380	29.2			Fair.	Fair.	
252	Chinese Pistache	<i>Pistacia chinensis</i>	381	6.3			Fair to good.	Fair.	
253	Chinese Pistache	<i>Pistacia chinensis</i>	382	8.0			Fair to good.	Fair.	
254	Chinese Pistache	<i>Pistacia chinensis</i>	383	8.9			Fair to good.	Fair.	
255	Chinese Pistache	<i>Pistacia chinensis</i>	384	10.9			Fair to good.	Fair.	
256	Chinese Pistache	<i>Pistacia chinensis</i>	385	9.6			Fair to good.	Fair.	
257	Coast Redwood	<i>Sequoia sempervirens</i>	386	35.1			Fair.	Fair.	
258	Coast Redwood	<i>Sequoia sempervirens</i>	387	27.6			Fair.	Fair.	
259	Coast Redwood	<i>Sequoia sempervirens</i>	388	5.9			Fair.	Fair.	
260	Coast Redwood	<i>Sequoia sempervirens</i>	389	10.7			Fair.	Fair.	
261	Coast Live Oak	<i>Quercus agrifolia</i>		10.1			Fair to good.	Fair.	
262	Coast Redwood	<i>Sequoia sempervirens</i>	390	7.8			Fair.	Fair.	
263	Chinese Pistache	<i>Pistacia chinensis</i>	391	10.5			Fair.	Poor.	
264	Chinese Pistache	<i>Pistacia chinensis</i>	392	9.6			Fair.	Fair.	
265	Chinese Pistache	<i>Pistacia chinensis</i>	393	6.5			Fair.	Fair.	
266	Chinese Pistache	<i>Pistacia chinensis</i>	394	10.9			Fair.	Poor.	
267	Coast Redwood	<i>Sequoia sempervirens</i>		20.0			Fair to good.	Fair.	
268	Coast Redwood	<i>Sequoia sempervirens</i>	396	25.6			Fair to good.	Fair.	
269	Coast Redwood	<i>Sequoia sempervirens</i>	398	32.0			Fair to good.	Fair.	
270	Coast Redwood	<i>Sequoia sempervirens</i>	397	7.9			Fair.	Fair.	
271	Chinese Pistache	<i>Pistacia chinensis</i>		7.1			Fair.	Fair.	
272	Chinese Pistache	<i>Pistacia chinensis</i>	400	6.3			Fair.	Fair.	
273	Chinese Pistache	<i>Pistacia chinensis</i>	401	5.8			Fair.	Fair.	
274	Chinese Pistache	<i>Pistacia chinensis</i>	402	8.4			Fair.	Fair.	

