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**FOREST MANAGEMENT PLAN FOR COMMERCIAL/VISITOR  
SERVING PARCELS**

APN's 418-361-004, 418-381-002, 418-381-021

**Pariaso Springs**  
34358 Paraiso Springs Road

**Monterey County, California**

Prepared by:

**Matt Horowitz**

July 11, 2005

**RECEIVED**

JUL 28 2005

MONTEREY COUNTY  
PLANNING & BUILDING  
INSPECTION DEPT.

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## 1.0 Summary

This Project will remove one hundred and eighty-five (185) protected oak trees. In addition one large dead oak tree will be removed. There is an estimated tree population of over 11,000 trees on the parcels (see appendix 1). The majority of the trees are oaks. This project will remove approximately 1.7% of the trees. The project has been designed to work around existing trees and preserve landmark oaks whenever possible.

## 2.0 Purpose and limitations of plan

This Forest Management Plan for commercial/visitor serving parcels (FMP) was created to adhere to the requirements of the County of Monterey, Planning and Building Inspection Department as set forth in Monterey County Zoning Ordinance - Title 21 specifically section 21.64.260.D.3.a. This FMP was prepared to meet the requirements of the Central Salinas Valley Area Plan for obtaining a Development Permit for tree removal. Complete copies of these documents are available at the County of Monterey Planning and Building Inspection Department. Preparation of the Plan was done by Matt Horowitz of Forest City Consulting, which has been on the County's list of Consulting Foresters since 1998. This FMP was prepared at the request and expense of the property owner, Thompson holdings, LLC.

The intent of this FMP is to assess the conditions present at the time of inspection, give a general description of the property, provide a general description of the type and quality of forest resources on the site, discuss the potential impacts of development and recommend measures to reduce developmental impacts on the forest resources.

This FMP is limited to addressing the requirements set forth in 21.64.260. As such, this FMP is not a monetary valuation of the forest resources. Nor is it designed to be a complete Biological Assessment or a Phase I Environmental Site Assessment. Forest City Consulting operates under the Standards of Professional Practice of the American Society of Consulting Arborist and the Code of Ethics of the Society of American Foresters, and under which, we cannot provide services to address all biological and environmental factors and conditions potentially occurring on the site not directly relating to the forest resources or otherwise outside of our area of expertise. Other professionals have addressed aspects of this report in detail. Except as otherwise noted, it is not the intent of this FMP to provide risk assessment for any tree on this parcel, as any tree can fail at any time. No laboratory or clinical diagnosis was performed on any pest or pathogen that may or may not be present.

In addition to its own inspection of the property, Forest City Consulting relied on information provided by the property owners or their representatives in the preparation of this FMP (such as, but not limited to; surveys, property boundaries and property ownership) and must reasonably rely on the accuracy of the information provided.

### 3.0 Site description

#### 3.1 Assessor parcel numbers

418-361-004, 418-381-022, and 418-381-021

#### 3.2 Location

34358 Paraiso Springs Road. Soledad, California

#### 3.3 Parcel size

The property is approximately 236 acres.

#### 3.4 Existing land use

Resort/Residential

There are 4 distinctive areas on the property. These areas are as described below:

**Southern Slope** - This is a north-facing slope located along the southern edge of the property and is currently developed with roads, campgrounds, and parking areas. See cut out maps 1, 2, and 3

**Central Valley** - This valley runs east to west and is comprised of 3 parts: the camping area, current lodge, the great lawn, swimming pools, mobile homes, other ancillary buildings, roads, trails, wells, and the great meadow. See cut out maps 1, 2, and 3

**Small Ridge** - This ridge is located between the Central Valley and Indian Valley. This area is currently developed with roads, trails, cabins and other infrastructure. See cut out maps 3, 4, and 5.

**Indian Valley** - Located at the northern base of the small ridge. This area is proposed for residential lots. This area is currently developed with roads and trails. See cut out maps 4 and 5.

#### 3.5 Slope

There are several distinctive slopes on the parcels. The majority of development activities will be on flat to gently sloping previously developed sites.

The majority of the southern slope will not be developed. This northern-faced slope is relatively steep with many areas exceeding 30%.

The central valley is flat. There is a small intermittent stream course that flows west to east along the northern edge of this valley. This valley supports almost all of the currently developed activity on the property. The valley is a combination of grasslands and coast live oaks.

The small ridge is directly north of the central valley. This low ridge currently supports guest cabins. This low ridge will have new guest facilities located on and near meadows on the ridge in flat areas or areas with gentle slopes. Due to other taller adjacent ridges this development will not stand out against the skyline.

North of this small ridge is another small valley (Indian Valley), which is proposed for home sites. These home sites are on either flat or gentle slopes. There are existing access roads to all proposed development areas.

### 3.6 Soils

The ridges and slopes of the site are comprised of dense soils and soft rock while the flat valley areas are comprised of soft silt loams. Please refer to the existing soils reports prepared by Landset Engineers Inc. 520-B Crazy Horse Canyon Road Salinas, CA 93907 831/443-6970.

### 3.7 Vegetation

There are several distinctive plant communities on the property. Various species of forbs, poison oak, coyote brush, Rubus species and annual grasses can be found in the non-landscaped areas while Kikuyu grass dominates much of the great lawn area in front of the current office. Chamise, California sagebrush, and black sage populate much of the area on the northern and western side of the property.

### 3.8 Forest type

The forest canopy is comprised mostly of various species of oak. These species may also include hybrid combinations. These species include Coast Live Oak (*Quercus agrifolia*), Blue Oak (*Quercus douglasii*) and California Scrub Oak (*Quercus berberidifolia*). Other species in the forest canopy include California Laurel (*Umbellular californica*), Western Sycamore (*Platanus racemosa*), California Buckeye (*Aesculus californica*).

The stands are primarily mature coast live oaks. These oaks are often multiple stemmed trees. Most of the oaks grow in clusters. Larger oaks (>20" D2") frequently have heart rot in all or some of their limbs. Many areas of the property have good advanced regeneration of oaks.

The forested areas of the parcel are primarily on the flat meadows and northern aspects of the slopes.

### 3.9 Forest condition and health

Overall the oak trees appear healthy and vigorous. The oak trees grow mainly in clusters and can be very dense in some areas. Some oak trees on the property do display symptoms and signs of various pest and pathogens, however, not to any epidemic extent. Artist's Conk (*Ganoderma applanatum*) was noted on some of

the oaks. This fungal infection has caused heart rot on some of the larger oaks and California laurel trees.

There are two non-native species of trees that, unchecked, will continue to replace the meadows and oak forests on the property. These trees are the Tasmanian Blue-Gum Eucalyptus (*Eucalyptus globulous*) and the Green Wattle Acacia (*Acacia dealbata*). The eucalyptus trees are mostly at the foot of the southern slope near the great lawn. The acacia trees are located inside the area fenced off for the swimming pool. Both these species should be removed and the stumps treated to prevent re-sprouting.

There are many Mexican Fan Palms (*Washingtonia robusta*) located on the property, some of these palms have fire damage on their trunks and should be monitored and/or removed if and when they become safety hazards.

The Pepper Trees (*Schinus molle*) planted as part of the landscaping are often developing heart rot as they age. These trees will also require monitoring and removal if they become hazards.

Tree populations:

**Southern Ridge:** The tree population on this slope was estimated to be 117 stems per acre, (see appendix 1). There is an estimated 73 acres on the southern slope. There is an estimated tree population of 8541 for the southern slope (see appendix 1).

**Central Valley:** The protected tree population for this area is estimated to be 614, (see appendix 1).

**Small Ridge:**

To be developed: The estimated protected tree population for the developed areas of the ridge is 53 (see appendix 1).

Northern Aspect: The tree population for the undeveloped northern aspect of this area is estimated to be 1750, (see appendix 1).

**Indian Valley:** The protected tree population for this area is estimated to be 90, (see appendix 1).

**4.0 Project description**

Of the 236 acres on the property approximately 50 acres will be developed. 23 of these 50 acres will be hard development while the remaining 27 acres will be landscaped.

**4.1 Structures**

- Great Meadow – Parking lot, administrative structures, vineyards, garden center.
- Great lawn edges, spa, swimming pool, administrative structures, retail.
- Current lodge and camping area – Guest housing, spa, restaurant, activity center.
- Small Ridge – guest housing.
- Indian Valley – Residential homes.

**4.2 Roads**

Approximately 12,700 feet of new road will be added to the existing roads.

**4.3 Grading**

Cut and fill is estimated to be 123,489 cubic yards of cut material and 126,352 cubic yards of filled material. The excess of 2,863 cubic yards of fill may be reduced by minor adjustments in the site grades per the soils engineer.

**4.4 Tree removal**

There is an estimated population of over 11,000 trees on the property. This estimate was established by a combination of the tree inventory prepared by Rana Creek Habitat and Restoration (see appendix 3) and five sample plots taken on forested northern aspects. (See appendix 1) These sample plots were 1/10<sup>th</sup> of an acre plots and are representative of the typical forest conditions on the northern aspects of the site. Results of each plot were multiplied by 10 to get estimated trees per acre. The trees per acre were multiplied by estimated acres on the northern aspects to derive tree populations. The proposed removals represent approximately 1.7% of the total forest resources on the parcels.

A summary of protected trees to be removed is given in the following table, with regulated trees shown in **bold print**. See appendix 2 for the list of removals.

DBH	Protected Oaks	Dead/Snags	<b>Regulated Trees</b>
6 to 11"	<b>86</b>		<b>86</b>
<b>12 to 23"</b>	<b>67</b>		<b>67</b>
<b>24" +</b>	<b>32</b>	1	<b>32</b>
Total	185		

Of the 185 protected trees 10 have been documented as either dead or diseased to point of being a safety hazard.

Landmark Oak Removals:

Coast live oaks 575, 606, 549, 608, 546, 348, 544, and 613 are compromised by construction of parking lots. Tree 348 is also infected with mistletoe.

Proposed roads compromise coast live oaks 524, 610, 301, 407, and 758. Tree 301 is also infected with heart rot to the degree that it is a hazard.

Coast live oaks 458, 428, 409, 647, 750, 395, 408, 764, 401, and 411 are located in the footprints of proposed structures. Tree 647 has been previously topped to maintain clearance of electrical conductors energized at over 750 volts.

Tree 264 is a blue oak and is located in the footprint of a proposed structure.

Coast live oaks 392, 346, 372 and 342 are compromised by construction of trails and small roadways. Tree 372 is dead.

Coast live oaks 145, 767, and 763 have heart rot and are hazards. Coast live oak 766 has heart rot and a beehive and is a hazard. Coast live oak 759 has root crown decay and declining foliage to an extent that it is in danger of failing and is a hazard.

Protected Oak Removals:

Coast live oaks 612, 520, 547, 540, 574, 68, 62, 67, 81, 349, 99, 548, 70, 90, 79, 92, 95, 63, 80, 91, 60, 94, 98, 69, 77, 61, 58, 78, 93, 66, 607, 64, and 59 are compromised by proposed parking lots.

Blue oak 337 is compromised by proposed parking lot construction.

Coast live oaks 718, 719, 760, 527, 687, 688, 684, 685, 496, 639, 684, 685, 496, 639, 324, 341, 321, 636, 640, 642, 322, 703, 323, 635, 682, 495, 641, 711, 637, 644, 638, 167, 158, 473, 159, and 643 are compromised by proposed road construction.

Blue oaks 362, 724, 683, 167, 158, and 159 are compromised by proposed road construction.

Coast live oaks 253, 661, 400, 765, 259, 262, 251, 310, 494, 260, 255, 399, 244, 252, 254, 398, 455, 509, 510, 449, 102, 265, 270, 312, 402, 410, 489, 487, 492, 129, 191, 488, 111, 192, 196, 103, 459, 181, 456, 448, 106, 127, 435, 518, 128, 454, 504, 73, 84, 125, 193, 397, and 493 are compromised by proposed structures.



Blue oaks 268, 266, 267, 269, 329, and 171 are compromised by proposed structures.

Coast live oaks 308, 309, 274, 287, 498, 273, 391, 303, 304, 316, and 96 are compromised by proposed trails.

Blue oaks 276 and 275 are compromised by proposed trails.

Coast Live oaks 756, 457, 17 are all hazards due to excessive heart rot. Tree 17 also has artist conks growing on the trunk.

#### Non-protected tree hazards:

The following trees are not protected; they all have sufficient defects to render them hazards.

Trees 747 and 748 are cypress (*Cupressus species*) trees that are both dead. These trees also fall into the footprint of proposed structures.

Tree 749 is a pepper tree that has heart rot. This tree falls into the footprint of a proposed structure.

Tree 751 is a willow (*Salix species*) with heart rot. This tree falls into the footprint of a proposed structure.

Tree 755 is a blue-gum eucalyptus. This tree has heart rot.

#### 4.5 Tree replacement

Requirements for replacement are 1:1 for each protected tree 6" D2' or larger that is removed. This would be **one hundred and eighty-five (185)** trees. Much of the property is covered in forest canopy and there is little room or need for replacement trees. There is adequate regeneration of all the oaks and other species to ensure a continued forest. This regeneration should be encouraged

My recommendation for mitigation in lieu of replacement is to encourage the native regeneration in areas where tree cover is desired. This can be done by simply not removing the young trees in clearing activities and controlling invasive vegetation. For fire safety concerns, small "islands" of natural vegetation can be left undisturbed, while continuing necessary clearing around the "islands".

## 5.0 Project assessment

### Required findings

The following findings are from section 21.64.260.D.5 and are listed here as they appear for the use of the appropriate authorities in considering approval for tree removal. Each of the findings was evaluated by Forest City Consulting in regards to the proposed removal of the protected trees. Matt Horowitz is a Certified Arborist with degrees in Forestry from institutions accredited by the Society of American Foresters, has a basic knowledge and understanding of each of the following factors for consideration as each relates to forest resources, and is qualified to give his opinion on the following issues. In addition, Matt's knowledge and expertise is adequate to allow him to determine if another expert needs to evaluate any of the specific concerns raised.

- 5.1 Is the tree removal the minimum required under the circumstances of the case?  
The proposed sites utilize existing areas that have almost all been previously developed and are located on relatively flat land or gentle slopes. These sites have been planned to retain as many landmark and protected trees as possible.

This Forest Management Plan for commercial visitor serving parcels in no way attempts to limit tree removal against the requirements of PRC 4291. We encourage property owners to seek the advice and council of local fire authorities and to implement all measures they recommend to protect their property.

### Will tree removal involve a risk of adverse environmental impacts?

Soil erosion: The proposed tree removal is not expected to increase the risk of soil erosion or contribute to erosion.

Tree removal, in and of itself, will not create an increased risk of soil erosion on this property. The area of the tree removals is flat or on gentle slopes. Soil erosion concerns are more a factor of the grading plans than this report.

Water quality: The removal of the tree will not substantially lessen the ability for the natural assimilation of nutrients, chemical pollutants, heavy metals, silt and other noxious substances from ground and surface waters.

The trees proposed for removal play a relatively insignificant role with concerns to water quality. It is unlikely that there are any chemical pollutants or heavy metals present upon the property or likely to be introduced that could potentially be assimilated to any significant degree by the trees to be removed. Any ability of the trees proposed for removal to provide for the natural assimilation of nutrients, chemical pollutants, heavy metals, silt and other noxious substances from ground and surface waters would be insignificant.

Ecological impacts: Tree removal will not have a substantial adverse impact upon existing biological and ecological systems, climatic conditions, which affect these systems, or such removal will not create conditions which may adversely affect the dynamic equilibrium of associated systems.

Noise pollution: The removal will not significantly increase ambient noise levels to a degree that a nuisance is anticipated to occur.

Air movement: The removal will not significantly reduce the ability of the existing vegetation to reduce wind velocities to the degree that a nuisance is anticipated to occur.

Wildlife habitat: The removal will not significantly reduce available habitat for wildlife existence and reproduction or result in the immigration of wildlife from adjacent or associated ecosystems.

Many sections of the property will be retained with tree cover available for wildlife habitat.

#### 5.2 Long-term and short-term impacts of development on the forest resource

Potential short-term impacts to the forest resources involve the affects of construction related activities on retained trees. The short-term impacts of root damage and trunk damage associated with building activities can cause tree failure, weaken the tree, and increase susceptibility to pest and pathogens.

Potential long-term impacts are associated with increased runoff and soil damage. Soil damage includes soil disruption and soil compaction due to the use of heavy equipment on the forest soils. Soil disruption can increase the risk of erosion. Soil compaction reduces the ability of existing roots to function and reduces the ability for new seedlings to become established. Trees that do become established in areas with compacted soil grow at a slower rate than trees in non-disturbed soils.

#### 5.3 Alternatives to minimize development impacts on the forest resource

Limiting construction activities to staging areas and establishing an off-limits area will eliminate development related impacts to the retained forest.

### 6.0 Protection of retained trees

#### 6.1 Staging areas

Construction activities shall be kept within the development area to the extent possible. There are existing adequate staging areas near all proposed construction sites.

#### 6.2 Tree protection fence (TPF)

Placing a temporary physical barrier, such as temporary fencing, can easily protect the forested areas outside of development activities and nearby retained trees.

All areas protected by the TPF shall be considered off-limits during all stages of development. These areas shall not be used to park cars, store materials, pile debris, or place equipment. The TPF shall remain in place during all phases of development.

It is highly recommended that a qualified arborist or forester inspect the placement of the TPF to ensure maximum protection of the retained trees before any heavy equipment is moved on site or any development activities begin.

Necessary work or trenching within the areas protected by the tree protection fence shall be done either by hand using hand equipment or under the supervision of a qualified Arborist or Forester.

#### 6.3 Utility trenching

When possible, utilities should be placed in the same trench. Care will be taken to avoid trenching on two sides of a tree. This property is densely forested and utility trenching cannot avoid all trees. Major roots encountered will be tunneled under or bridged over and retained when possible.

#### 6.4 Roots encountered

Roots encountered during trenching, grading and excavation that are not to be retained will be cleanly cut to promote re-growth and to prevent increased damage from breaking the root closer to the tree than is necessary.

#### 6.5 Pruning for construction

Branches located close to construction activities or overhanging the driveway are subject to breakage from contact with heavy equipment and materials. A properly pruned branch will heal faster and is generally less damaging to the tree than a broken branch. Branches subject to breakage should be pruned when such pruning will not cause significant damage to the health, vitality and safety of the tree. Pruning should be conducted under the supervision of an Arborist certified by the International Society of Arboriculture.

#### 6.6 Construction contracts

All construction contracts for the project shall include a provision requiring that all contractors and subcontractors performing work on this project be given a copy of the forest management plan and conditions of approval and agree to implement the provisions of the forest management plan and conditions of

approval. In addition, the contracts shall also identify a County approved arborist or forester to be present or consulted under circumstances where the provisions of the forest management plan or conditions of approval require that the arborist or forester be present or consulted.

#### **7.0 Site Map**

The site maps are based on a May 21, 2005 Map provided by Rana Creek Habitat Restoration, 35351 East Carmel Valley Road, Carmel Valley, CA, 93924. Rana Restoration located and measured diameters of trees except for trees 746 through 767 that were measured and located by Forest City Consulting, PMB #305 Crossroads Blvd. Carmel, CA 93923. Trees 301, 346, 348, 372, 408, 409, 510, 612 and 613 were re-measured for diameter verification by Forest City Consulting.

Please refer to the tree removal maps enclosed in the site plan drawing set.

**8.0 Signatures**

Forest Management Plan for commercial/visitor serving parcels prepared by:

Matt Horowitz  
Forest City Consulting



\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Owner's Agreement as to the Provision of the Plan:

\_\_\_\_\_  
Owners Printed Name

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Date

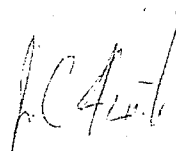
Forest Maintenance Plan approved by:

\_\_\_\_\_  
Director of Planning

\_\_\_\_\_  
Director's Signature

\_\_\_\_\_  
Date

This report has been reviewed by me and I  
concur with the report and assessment of  
Matt Horowitz.



signed July 9, 2005

Glenn C. Flamik.

Not an official county document

**Appendix 1**

**Tree Populations**

Tree Population on Northern Aspects

Plot #	Location of plot	# of oaks	# of buckeye	total trees/plot	estimated trees/acre (total trees x 10)
1	Small Ridge	10	1	11	110
2	Small Ridge	22	2	24	240
3	Southern Ridge	15	1	16	160
4	Southern ridge	9	0	9	90
5	Southern Ridge	10	0	10	100
				total	700
Plot size = 1/10 acre or radius of 37.25 feet				Average trees/acre (700 divided by 5)	140

Southern Ridge  
 (approximately 73 acres)  
 $160 + 90 + 100 = 350$   
 divided by 3 = 117  
 trees/acre or **8541**  
 trees (73 x 117)

Central Valley  
 approximately **614**  
 protected trees (from inventory)

Developed area of small ridge  
 approximately **53**  
 protected trees (from inventory)

Small Ridge (northern  
side approximately 10  
acres)

$110 + 240 = 350$   
divided by 2 = 175  
trees/acre or **1750**  
trees (175 x 10)

Indian Valley  
approximately  
protected **90** trees  
(from inventory)



## APPENDIX 2

### List of Removals

Tree	Species	Diameter	Description	reason	footprint of structure, trail (small road), road
17	Coast Live Oak	12.8	heart rot, artist conk crown is 70% dead	hazard	
51	Coast Live Oak	9.9		in footprint	trail
58	Coast Live Oak	7.6		in footprint	parking lot
59	Coast Live Oak	6.0		in footprint	parking lot
60	Coast Live Oak	8.8		in footprint	parking lot
61	Coast Live Oak	8.0		in footprint	parking lot
62	Coast Live Oak	12.7		in footprint	parking lot
63	Coast Live Oak	8.9		in footprint	parking lot
64	Coast Live Oak	6.8		in footprint	parking lot
66	Coast Live Oak	7.0		in footprint	parking lot
67	Coast Live Oak	11.5		in footprint	parking lot
68	Coast Live Oak	13.7		in footprint	parking lot
69	Coast Live Oak	8.6		in footprint	parking lot
70	Coast Live Oak	10.0		in footprint	parking lot
73	Coast Live Oak	6.7		in footprint	structure
77	Coast Live Oak	8.3		in footprint	parking lot
78	Coast Live Oak	7.6		in footprint	parking lot
79	Coast Live Oak	9.9		in footprint	parking lot
80	Coast Live Oak	8.9		in footprint	parking lot
81	Coast Live Oak	11.1		in footprint	parking lot
83	Coast Live Oak	8.9		in footprint	trail
84	Coast Live Oak	6.7		in footprint	structure
90	Coast Live Oak	10.0		in footprint	parking lot
91	Coast Live Oak	8.9		in footprint	parking lot
92	Coast Live Oak	9.6		in footprint	parking lot
93	Coast Live Oak	7.3		in footprint	parking lot
94	Coast Live Oak	8.8		in footprint	parking lot
95	Coast Live Oak	9.3		in footprint	parking lot
96	Coast Live Oak	10.2		in footprint	trail
97	Coast Live Oak	8.6		in footprint	trail
98	Coast Live Oak	8.8		in footprint	parking lot
99	Coast Live Oak	10.5		in footprint	parking lot
100	Coast Live Oak	8.9		in footprint	trail
102	Coast Live Oak	12.1		in footprint	structure
103	Coast Live Oak	9.6		in footprint	structure
106	Coast Live Oak	8.3		in footprint	structure
111	Coast Live Oak	10.8		in footprint	structure

125	Coast Live Oak	6.7		in footprint	structure
127	Coast Live Oak	8.3		in footprint	structure
128	Coast Live Oak	7.6		in footprint	structure
145	Coast Live Oak	34.7	heart rot hazard		
158	Blue Oak	7.3		in footprint	road
159	Blue Oak	6.4		in footprint	road
167	Blue Oak	7.6		in footprint	road
171	Blue Oak	7.0		in footprint	structure
181	Coast Live Oak	8.6		in footprint	structure
191	Coast Live Oak	11.1		in footprint	structure
192	Coast Live Oak	10.5		in footprint	structure
193	Coast Live Oak	6.1		in footprint	structure
196	Coast Live Oak	9.9		in footprint	structure
210	Coast Live Oak	7.3		in footprint	trail
214	Coast Live Oak	7.0		in footprint	trail
244	Coast Live Oak	15.9	4 Branches	in footprint	structure
251	Coast Live Oak	18.8		in footprint	structure
252	Coast Live Oak	15.9	3 Branches	in footprint	structure
253	Coast Live Oak	20.7		in footprint	structure
254	Coast Live Oak	15.9	3 Branches	in footprint	structure
255	Coast Live Oak	17.2	3 Branches	in footprint	structure
259	Coast Live Oak	19.7	3 Branches	in footprint	structure
260	Coast Live Oak	17.5	2 Branches	in footprint	structure
262	Coast Live Oak	19.7	3 Branches	in footprint	structure
263	Coast Live Oak	22.9	2 Branches	in footprint	structure
264	Blue Oak	31.8		in footprint	structure
265	Coast Live Oak	12.1	2 Branches	in footprint	structure
266	Blue Oak	14.6	2 Branches	in footprint	structure
267	Blue Oak	14.3	2 Branches	in footprint	structure
268	Blue Oak	16.9	3 Branches	in footprint	structure
269	Blue Oak	12.1	5 Branches	in footprint	structure
270	Coast Live Oak	12.1	6 Branches	in footprint	structure
273	Coast Live Oak	15.0	2 Branches	in footprint	trail
274	Coast Live Oak	17.5		in footprint	trail
275	Blue Oak	20.1		in footprint	trail
276	Blue Oak	21.7		in footprint	trail
287	Coast Live Oak	16.9		in footprint	trail
301	Coast Live Oak	36.0	heart rot hazard	in footprint	road
303	Coast Live Oak	12.1	2 Branches	in footprint	trail
304	Coast Live Oak	11.8		in footprint	trail
308	Coast Live Oak	20.1	2 Branches	in footprint	trail

309	Coast Live Oak	18.2		in footprint	trail
310	Coast Live Oak	18.8		in footprint	structure
312	Coast Live Oak	12.1		in footprint	structure
316	Coast Live Oak	11.5	7 Branches	in footprint	trail
321	Coast Live Oak	11.5		in footprint	road
322	Coast Live Oak	10.8		in footprint	road
323	Coast Live Oak	10.2		in footprint	road
324	Coast Live Oak	13.4	5 Branches	in footprint	road
329	Blue Oak	12.1		in footprint	structure
337	Blue Oak	8.3	2 Branches	in footprint	parking lot
338	Coast Live Oak	8.3	2 Branches	in footprint	trail
341	Coast Live Oak	13.4		in footprint	road
342	Coast Live Oak	26.8		in footprint	trail
346	Coast Live Oak	36.0	Landmark Tree	in footprint	trail
348	Coast Live Oak	30.0	Landmark Tree - 2 Branches miseltoe	in footprint	parking lot
349	Coast Live Oak	10.8		in footprint	parking lot
362	Blue Oak	21.0		in footprint	road
372	Coast Live Oak	36.0	dead	in footprint	trail
391	Coast Live Oak	14.0	maze	in footprint	trail
392	Coast Live Oak	40.4	Landmark Tree - 2 Branches	in footprint	trail
395	Coast Live Oak	27.4		in footprint	structure
397	Coast Live Oak	6.1		in footprint	structure
398	Coast Live Oak	14.6	3 Branches	in footprint	structure
399	Coast Live Oak	16.6	2 Branches	in footprint	structure
400	Coast Live Oak	20.4		in footprint	structure
401	Coast Live Oak	26.8		in footprint	structure
402	Coast Live Oak	12.1	3 Branches	in footprint	structure
407	Coast Live Oak	27.4		in footprint	road
408	Coast Live Oak	27.0		in footprint	structure
409	Coast Live Oak	33.0		in footprint	structure
410	Coast Live Oak	12.1	2 Branches	in footprint	structure
411	Coast Live Oak	25.5	3 Branches	in footprint	structure
428	Coast Live Oak	46.2		in footprint	structure
435	Coast Live Oak	8.0		in footprint	structure
448	Coast Live Oak	8.3	2 Branches	in footprint	structure
449	Coast Live Oak	13.4		in footprint	structure
454	Coast Live Oak	7.3		in footprint	structure
455	Coast Live Oak	14.6		in footprint	structure
456	Coast Live Oak	8.6	2 Branches	in footprint	structure
457	Coast Live Oak	19.7	heart rot hazard, near structure		
458	Coast Live Oak	69.4		in footprint	structure
459	Coast Live Oak	8.9		in footprint	structure

473	Coast Live Oak	7.3		in footprint	road
487	Coast Live Oak	11.5		in footprint	structure
488	Coast Live Oak	10.8		in footprint	structure
489	Coast Live Oak	12.1		in footprint	structure
492	Coast Live Oak	11.5		in footprint	structure
493	Coast Live Oak	6.1		in footprint	structure
494	Coast Live Oak	17.8	3 Branches	in footprint	structure
495	Coast Live Oak	8.9		in footprint	road
496	Coast Live Oak	14.6		in footprint	road
498	Coast Live Oak	15.9		in footprint	trail
504	Coast Live Oak	6.7		in footprint	structure
509	Coast Live Oak	14.3		in footprint	structure
510	Coast Live Oak	14.0		in footprint	structure
515	Coast Live Oak	7.0		in footprint	trail
518	Coast Live Oak	7.6		in footprint	structure
520	Coast Live Oak	21.7		in footprint	parking lot
524	Coast Live Oak	34.1		in footprint	road
527	Coast Live Oak	17.8		in footprint	road
540	Coast Live Oak	19.1		in footprint	parking lot
544	Coast Live Oak	28.3		in footprint	parking lot
546	Coast Live Oak	30.3		in footprint	parking lot
547	Coast Live Oak	19.7		in footprint	parking lot
548	Coast Live Oak	10.2		in footprint	parking lot
549	Coast Live Oak	31.8		in footprint	parking lot
574	Coast Live Oak	15.6		in footprint	parking lot
575	Coast Live Oak	60.5	Landmark Tree	in footprint	parking lot
606	Coast Live Oak	36.9	2 Branches	in footprint	parking lot
607	Coast Live Oak	7.0		in footprint	parking lot
608	Coast Live Oak	31.8		in footprint	parking lot
610	Coast Live Oak	28.3	2 Branches	in footprint	road
612	Coast Live Oak	22.0		in footprint	parking lot
613	Coast Live Oak	24.0		in footprint	parking lot
635	Coast Live Oak	10.2		in footprint	road
636	Coast Live Oak	11.5		in footprint	road
637	Coast Live Oak	8.3		in footprint	road
638	Coast Live Oak	8.0		in footprint	road
639	Coast Live Oak	13.7		in footprint	road
640	Coast Live Oak	11.5		in footprint	road
641	Coast Live Oak	8.9		in footprint	road
642	Coast Live Oak	11.5		in footprint	road
643	Coast Live Oak	6.4		in footprint	road
644	Coast Live Oak	8.3		in footprint	road
647	Coast Live Oak	32.8	previously topped for power lines	in footprint	structure
661	Coast Live Oak	20.7	6 Branches	in footprint	structure
682	Coast Live Oak	10.2	2 Branches	in footprint	road

683	Blue Oak	13.7	5 Branches	in footprint	road
684	Coast Live Oak	16.6		in footprint	road
685	Coast Live Oak	16.2	2 Branches	in footprint	road
686	Coast Live Oak	16.9	2 Branches	in footprint	road
687	Coast Live Oak	17.8		in footprint	road
703	Coast Live Oak	10.8		in footprint	road
711	Coast Live Oak	8.9		in footprint	road
718	Coast Live Oak	23.9	6 Branches	in footprint	road
719	Coast Live Oak	18.2		in footprint	road
724	Blue Oak	16.9	2 Branches	in footprint	road
746	Coast Live Oak	9.0		in footprint	structure
747	cypress	6.0	dead	in footprint	structure
748	cypress	6.0	dead	in footprint	structure
749	pepper	22.0	heart rot, hazard	in footprint	structure
750	Coast Live Oak	30.0		in footprint	structure
751	willow	12.0	heart rot, hazard	in footprint	structure
755	eucalyptus	87.0	heart rot hazard		
756	Coast Live Oak	23.0	heart rot, hazard		
758	Coast Live Oak	25.0		in footprint	road
759	Coast Live Oak	27.0	root decay, crown in decline		
760	Coast Live Oak	18.0		in footprint	road
763	Coast Live Oak	24.0	heart rot, hazard		
764	Coast Live Oak	27.0		in footprint	structure
765	Coast Live Oak	20.0		in footprint	structure
766	Coast Live Oak	32.0	heart rot, bee hive, hazard		
767	Coast Live Oak	31.0	heart rot hazard		

### Appendix 3 Rana Restoration Tree Inventory

**Paraiso  
Hot  
Springs  
Tree  
Survey**

May 20th, 2005

*Tree diameters changed by  
Forest City shown in blue*

*Trees and diameters added by  
Forest City Consulting shown in  
red*

Conducted by Rana Creek

Tree	Species	Diameter				Description
1	Palm	4.5				3 Palms
2	Palm	4.9				3 Palms
3	Palm	4.1				3 Palms
4	Palm	5.1				
5	Palm	4.1				
6	Palm	4.4				
7	Palm					Dense 16 Palms (4 Foot)
8	Palm	3.0	3.8	4.6	4.6	3 Palms
9	Palm					Dense 13 Palms (3 Foot)
10	Palm					Dense 10 Palms (4 Foot)
11	Coast Live Oak	9.1	3.1			2 Palms
12	Coast Live Oak					12ft away from road
13	Palm	4.9	4.1			2 Palms
14	Coast Live Oak	6.10				
15	Coast Live Oak	8.3				
16	Coast Live Oak	4.5	10.9			2 Branches
17	Coast Live Oak	12.8				
18	Coast Live Oak	12.3				
19	Coast Live Oak	18.4				
20	Unknown					3.10 4.1 3.11 4.5 2x3.6 3.4 4.8
21	Coast Live Oak	13.9				
22	Coast Live Oak	8.9				
23	Coast Live Oak	11.5				
24	Coast Live Oak	9.9				
25	Blue Oak	2.7	2.7	2.2		3 Branches
26	Blue Oak					10x 1.5
27	Coast Live Oak	10.1				
28	Blue Oak	3.1	2.1	7.9		3 Branches
29	Coast Live Oak	5.2	4.2	6.5	4.6 5.1	5 Branches
30	Coast Live Oak	9.7				
31	Coast Live Oak	5.0	5.6			2 Branches

32	Coast Live Oak							12x 3-3.5 5-1.5 4-4
33	Coast Live Oak	3.0	4.0	4.4	2.0	3.7		5 Branches
34	Blue Oak	4.2	3.0	3.1	3.2			4 Branches
35	Coast Live Oak	2.7	3.4	4.4	2.6	5.5		5 Branches
36	Coast Live Oak	6.0	9.3	3.1	5.9			5 Branches
37	Coast Live Oak	2.9	5.2					2 Branches
38	Blue Oak	3.0	2.7	3.8	4.2			4 Branches
39	Coast Live Oak	4.9	4.6					2 Branches
40	Blue Oak	5.2						
41	Coast Live Oak	5.7						
42	Blue Oak	4.11						
43	Blue Oak	1.8	3.0	2.3				3 Branches
44	Blue Oak	8						
45	Blue Oak	3.9	1.2					2 Branches
46	Coast Live Oak	3.1	2.8					2 Branches
47	Blue Oak							13x 6-1.0 6-1.5
48	Coast Live Oak	2.8	3.0	1.2	2.5			4 Branches
49	Coast Live Oak	9.2						
50	Coast Live Oak	35.4						
51	Coast Live Oak	9.9						
52	Coast Live Oak	9.4						
53	Coast Live Oak	9.9						
54	Coast Live Oak	7.6						
55	Coast Live Oak	8.8						
56	Coast Live Oak	8.0						
57	Coast Live Oak	8.0						
58	Coast Live Oak	7.6						
59	Coast Live Oak	6.0						
60	Coast Live Oak	8.8						
61	Coast Live Oak	8.0						
62	Coast Live Oak	12.7						
63	Coast Live Oak	8.9						
64	Coast Live Oak	6.8						
65	Coast Live Oak	5.3						
66	Coast Live Oak	7.0						
67	Coast Live Oak	11.5						
68	Coast Live Oak	13.7						
69	Coast Live Oak	8.6						
70	Coast Live Oak	10.0						
71	Coast Live Oak	5.7						
72	Coast Live Oak	23.0						
73	Coast Live Oak	6.7						
74	Coast Live Oak	10.2						
75	Coast Live Oak	16.9						Diseased
76	Coast Live Oak	11.5						
77	Coast Live Oak	8.3						

78	Coast Live Oak	7.6
79	Coast Live Oak	9.9
80	Coast Live Oak	8.9
81	Coast Live Oak	11.1
82	Coast Live Oak	9.6
83	Coast Live Oak	8.9
84	Coast Live Oak	6.7
85	Coast Live Oak	6.7
86	Coast Live Oak	7.6
87	Coast Live Oak	5.1
88	Coast Live Oak	7.2
89	Coast Live Oak	11.0
90	Coast Live Oak	10.0
91	Coast Live Oak	8.9
92	Coast Live Oak	9.6
93	Coast Live Oak	7.3
94	Coast Live Oak	8.8
95	Coast Live Oak	9.3
96	Coast Live Oak	10.2
97	Coast Live Oak	8.6
98	Coast Live Oak	8.8
99	Coast Live Oak	10.5
100	Coast Live Oak	8.9
101	Coast Live Oak	19.4
102	Coast Live Oak	12.1
103	Coast Live Oak	9.6
104	Coast Live Oak	4.5
105	Coast Live Oak	9.8
106	Coast Live Oak	8.3
107	Coast Live Oak	8.4
108	Coast Live Oak	8.0
109	Coast Live Oak	12.1
110	Coast Live Oak	5.4
111	Coast Live Oak	10.8
112	Coast Live Oak	4.8
113	Coast Live Oak	7.6
114	Coast Live Oak	12.3
115	Coast Live Oak	8.6
116	Coast Live Oak	5.7
117	Coast Live Oak	12.4
118	Coast Live Oak	7.3
119	Coast Live Oak	5.7
120	Coast Live Oak	21.1
121	Coast Live Oak	7.6
122	Coast Live Oak	12.9
123	Coast Live Oak	7.6



124	Coast Live Oak	9.4			
125	Coast Live Oak	6.7			
126	Coast Live Oak	8.9			
127	Coast Live Oak	8.3			
128	Coast Live Oak	7.6			
129	Coast Live Oak	11.5			
130	Coast Live Oak	5.9			
131	Coast Live Oak	5.7			
132	Coast Live Oak	7.2			
133	Coast Live Oak	5.5			
134	Coast Live Oak	10.0			
135	Coast Live Oak	6.4			
136	Coast Live Oak	7.6			
137	Coast Live Oak	6.1			
138	Coast Live Oak	10.2			
139	Coast Live Oak	7.0			
140	Coast Live Oak	9.0			
141	Coast Live Oak	9.6			
142	Coast Live Oak	11.3			
143	Coast Live Oak	3.8			
144	Coast Live Oak	33.1			
145	Coast Live Oak	34.7			
146	Coast Live Oak	7.6	2.9		2 Branches
147	Coast Live Oak	7.0			
148	Coast Live Oak	5.7			
149	Coast Live Oak	28.0			
150	Coast Live Oak	22.3			
151	Coast Live Oak	47.1			
152	Coast Live Oak	25.5			
153	Coast Live Oak	15.3			
154	Coast Live Oak	31.8			
155	Coast Live Oak	36.3			
156	Coast Live Oak	33.1			
157	Coast Live Oak	30.9			
158	Blue Oak	7.3			
159	Blue Oak	6.4			
160	Blue Oak	1.9	1.6	1.6	3 Branches
161	Blue Oak	8.0			
162	Blue Oak	2.9	1.6	1.3	3 Branches
163	Blue Oak	3.2	1.6		2 Branches
164	Blue Oak	7.0	3.2		2 Branches
165	Blue Oak	7.6	2.5		2 Branches
166	Blue Oak	3.2			
167	Blue Oak	7.6			
168	Blue Oak	2.5			
169	Blue Oak	5.4			

170	Blue Oak	1.3	1.0	0.6	3 Branches
171	Blue Oak	7.0			
172	Blue Oak	1.6	1.3		2 Branches
173	Blue Oak	1.9	1.3		2 Branches
174	Blue Oak	1.3	0.6		2 Branches
175	Coast Live Oak	7.0			
176	Blue Oak	3.5			
177	Blue Oak	5.7			
178	Blue Oak	2.9			
179	Blue Oak	1.9	1.6		2 Branches
180	Blue Oak	5.1			
181	Coast Live Oak	8.6			
182	Coast Live Oak	8.3			
183	Coast Live Oak	4.5			
184	Coast Live Oak	7.6			
185	Coast Live Oak	6.4	4.5		2 Branches
186	Coast Live Oak	11.1			
187	Coast Live Oak	4.8			
188	Coast Live Oak	4.8			
189	Coast Live Oak	4.1			
190	Coast Live Oak	51.9			
191	Coast Live Oak	11.1			
192	Coast Live Oak	10.5			
193	Coast Live Oak	6.1			
194	Coast Live Oak	3.2	2.9		2 Branches
195	Coast Live Oak	2.5	1.9		2 Branches
196	Coast Live Oak	9.9			
197	Coast Live Oak	12.1			
198	Coast Live Oak	8.3			
199	Coast Live Oak	10.8			
200	Coast Live Oak	10.2			
201	Coast Live Oak	9.9			
202	Coast Live Oak	8.3			
203	Coast Live Oak	1.0			Multiple Branches
204	Blue Oak	5.4			
205	Coast Live Oak	5.1			
206	Coast Live Oak	6.7			
207	Coast Live Oak	2.5			
208	Coast Live Oak	2.5			
209	Coast Live Oak	10.5			
210	Coast Live Oak	7.3			
211	Coast Live Oak	10.2			
212	Coast Live Oak	5.7			
213	Coast Live Oak	5.1			
214	Coast Live Oak	7.0			
215	Coast Live Oak	6.1			

216	Coast Live Oak	9.6							
217	Coast Live Oak	8.3							
218	Coast Live Oak	9.6							
219	Coast Live Oak	9.2							
220	Coast Live Oak	5.4							
221	Blue Oak	5.1							
222	Coast Live Oak	10.5							
223	Blue Oak	2.5	2.5	2.2					3 Branches
224	Blue Oak	5.1							
225	Blue Oak	3.8							
226	Blue Oak	4.8							
227	Coast Live Oak	4.5							
228	Coast Live Oak	10.8							
229	Coast Live Oak	13.7							
230	Coast Live Oak	60.5							Multiple Branches
231	THERE IS NO TREE WITH THE NUMBER 231								
232	Coast Live Oak	16.2							
233	Coast Live Oak	17.2							
234	Blue Oak	25.5	16.2						2 Branches
235	Blue Oak	15.6	14.3						2 Branches
236	Blue Oak	1.0							
237	Blue Oak	12.4	5.4						2 Branches
238	Coast Live Oak	3.2							6 branches -10 inch
239	Coast Live Oak	25.5							
240	Coast Live Oak	11.1							
241	Coast Live Oak	27.1	24.8						2 Branches
242	Coast Live Oak	17.5	16.6	14.3	10.2				4 Branches
243	Coast Live Oak	23.9	20.7	20.4					3 Branches
244	Coast Live Oak	15.9	15.6	15.3	12.1				4 Branches
245	Coast Live Oak	13.7	11.1	10.2	11.8				4 Branches
246	Coast Live Oak	16.6	14.0	12.1	12.4				4 Branches
247	Coast Live Oak	7.6	4.5	6.1	3.8				4 Branches
248	Coast Live Oak	3.2							9 little trees coast - 10
249	Coast Live Oak	18.5	13.7	14.3					3 Branches
250	Coast Live Oak	16.9	15.3						2 Branches
251	Coast Live Oak	18.8							
252	Coast Live Oak	15.9	15.6	12.1					3 Branches
253	Coast Live Oak	20.7							
254	Coast Live Oak	15.9	12.1	8.0					3 Branches
255	Coast Live Oak	17.2	15.3	10.8					3 Branches
256	Coast Live Oak	15.3	14.6						2 Branches
257	Coast Live Oak	7.0							
258	Coast Live Oak	19.1	18.8	18.2					3 Branches
259	Coast Live Oak	19.7	18.8	18.5					3 Branches
260	Coast Live Oak	16.9	17.5						2 Branches
261	Coast Live Oak	3.8	3.2						2 Branches





354	Blue Oak	6.7	5.7	2 Branches
355	Blue Oak	15.3		
356	Blue Oak	12.1		
357	Blue Oak	11.5	11.5	2 Branches
358	Blue Oak	13.1		
359	Blue Oak	9.2		
360	Blue Oak	11.5		
361	Blue Oak	11.5	3.8	2 Branches
362	Blue Oak	21.0		
363	Blue Oak	5.1		
364	Blue Oak	3.8	3.8	2 Branches
365	Blue Oak	12.7		
366	Blue Oak	13.4		
367	Blue Oak	7.3	7.3	2 Branches
368	Blue Oak	5.1		
369	Blue Oak	21.7		
370	Coast Live Oak	1.9		
371	Coast Live Oak	1.9		
372	Coast Live Oak	36.0		
373	Coast Live Oak	2.0		Landmark Tree - Dead
374	Coast Live Oak	1.5		Little Tree many branches
375	Coast Live Oak	2.3		Little Tree many branches
376	Coast Live Oak	41.4		Landmark Tree
377	Coast Live Oak	42.7		Landmark Tree
378	Coast Live Oak	40.1		Landmark Tree
379	Coast Live Oak	44.6		Landmark Tree
380	Coast Live Oak	14.6	14.3	2 Branches
381	Coast Live Oak	12.1		
382	Coast Live Oak	4.8		
383	Coast Live Oak	3.8		
384	Coast Live Oak	1.0		Little Tree many branches
385	Coast Live Oak	1.0		Little Tree many branches
386	Coast Live Oak	1.0		Little Tree many branches
387	Coast Live Oak	1.0		Little Tree many branches
388	Coast Live Oak	1.0		Little Tree many branches
389	Coast Live Oak	1.0		Little Tree many branches
390	Coast Live Oak	4.8		
391	Coast Live Oak	14.0		
392	Coast Live Oak	40.4	38.2	Landmark Tree - 2 Branches
393	Coast Live Oak	21.0	20.1	Landmark Tree - 2 Branches
394	Coast Live Oak			Little Tree many branches
395	Coast Live Oak	27.4	26.4	
396	Coast Live Oak			Little Tree many branches
397	Coast Live Oak	6.1		
398	Coast Live Oak	14.6	11.5 10.2	3 Branches
399	Coast Live Oak	16.6	15.3	2 Branches

400	Coast Live Oak	20.4							
401	Coast Live Oak	26.8							
402	Coast Live Oak	12.1	10.8	7.3					3 Branches
403	Coast Live Oak	38.2							Large Stump
404	Coast Live Oak	27.7	27.4						2 Branches
405	Coast Live Oak	18.5	17.8	17.2					
406	Coast Live Oak	17.8							Many Little Branches
407	Coast Live Oak	27.4							
408	Coast Live Oak	27.0							
409	Coast Live Oak	33.0							
410	Coast Live Oak	12.1	11.5						2 Branches
411	Coast Live Oak	25.5	17.8	17.5					3 Branches
412	Coast Live Oak	6.4	5.7						2 Branches
413	Coast Live Oak	17.8	17.5	16.9	16.6				4 Branches
414	Coast Live Oak	8.0							
415	Coast Live Oak	12.7							
416	Coast Live Oak	21.3	20.7	20.1	18.8				4 Branches
417	Coast Live Oak	25.5							
418	Coast Live Oak	20.7							
419	Coast Live Oak	27.4	20.7						2 Branches
420	Coast Live Oak	28.3							
421	Coast Live Oak	9.6							
422	Coast Live Oak	25.5							
423	Coast Live Oak	19.1							
424	Coast Live Oak	13.4							
425	Coast Live Oak	19.7							
426	Coast Live Oak	20.4							
427	Coast Live Oak	3.5	3.2						2 Branches
428	Coast Live Oak	46.2							
429	Coast Live Oak	7.3							
430	Coast Live Oak	2.9							
431	Coast Live Oak	1.0							
432	Coast Live Oak	2.9							
433	Coast Live Oak	1.0							
434	Coast Live Oak	1.3							
435	Coast Live Oak	8.0							
436	Coast Live Oak	2.9	1.3	1.0					3 Branches
437	Coast Live Oak	1.0							
438	Coast Live Oak	12.1	11.5						2 Branches
439	Coast Live Oak	22.3							
440	Coast Live Oak	8.3							
441	Coast Live Oak	1.0							Many Little Branches
442	Coast Live Oak	1.3							Many Little Branches
443	Coast Live Oak	2.2	1.9	1.6	1.3	1.0			5 Branches
444	Coast Live Oak	1.0							
445	Coast Live Oak	1.9							

446	Coast Live Oak	2.2				
447	Coast Live Oak	8.3				
448	Coast Live Oak	8.3	1.0			2 Branches
449	Coast Live Oak	13.4				
450	Coast Live Oak	2.2	1.9	1.6	1.3	many littleb c 4 5 7 6
451	Blue Oak	1.0	0.6	0.3		3 Branches
452	Coast Live Oak	2.9				
453	Coast Live Oak	5.7				
454	Coast Live Oak	7.3				
455	Coast Live Oak	14.6				
456	Coast Live Oak	8.6	7.3			2 Branches
457	Coast Live Oak	19.7				
458	Coast Live Oak	69.4				
459	Coast Live Oak	8.9				
460	Coast Live Oak	1.0				
461	Coast Live Oak	2.9	1.9			2 Branches
462	Coast Live Oak	1.0				
463	Coast Live Oak	1.9				
464	Coast Live Oak	1.0				
465	Coast Live Oak	2.9				
466	Coast Live Oak	1.9				
467	Coast Live Oak	9.9				
468	Coast Live Oak	1.0				
469	Coast Live Oak	1.0				
470	Coast Live Oak	1.0				
471	Coast Live Oak	7.0				
472	Coast Live Oak	5.1				
473	Coast Live Oak	7.3				
474	Coast Live Oak	1.3				
475	Coast Live Oak	1.9				
476	Coast Live Oak	7.0				
477	Coast Live Oak	1.9				
478	Coast Live Oak	1.9				
479	Coast Live Oak	6.1				
480	Coast Live Oak	7.0				
481	Coast Live Oak	4.8	4.5	1.3		3 Branches
482	Coast Live Oak	27.4				
483	Coast Live Oak	12.4				
484	Coast Live Oak	1.0				
485	Coast Live Oak	29.9				
486	Coast Live Oak	8.3				
487	Coast Live Oak	11.5				
488	Coast Live Oak	10.8				
489	Coast Live Oak	12.1				
490	Coast Live Oak	1.0				
491	Coast Live Oak	5.7				



492	Coast Live Oak	11.5				
493	Coast Live Oak	6.1				
494	Coast Live Oak	17.8	4.8	4.1		3 Branches
495	Coast Live Oak	8.9				
496	Coast Live Oak	14.6				
497	Coast Live Oak	4.5				
498	Coast Live Oak	15.9				
499	Coast Live Oak	7.6				
500	Coast Live Oak	8.0				
501	Coast Live Oak	6.1				
502	Coast Live Oak	8.6				
503	Coast Live Oak	7.0	1.9			2 Branches
504	Coast Live Oak	6.7				
505	Coast Live Oak	2.9	1.9			2 Branches
506	Coast Live Oak	14.0	6.7			2 Branches
507	Coast Live Oak	23.6				
508	Coast Live Oak	19.7				
509	Coast Live Oak	14.3				
510	Coast Live Oak	14.0				
511	Coast Live Oak	2.9				
512	Coast Live Oak	8.9				
513	Coast Live Oak	6.1				
514	Coast Live Oak	7.3				
515	Coast Live Oak	7.0				
516	Coast Live Oak	11.5				
517	Coast Live Oak	12.7	5.1			2 Branches
518	Coast Live Oak	7.6				
519	Coast Live Oak	8.3				
520	Coast Live Oak	21.7				
521	Coast Live Oak	9.2				
522	Coast Live Oak	25.5				
523	Coast Live Oak	2.5	1.6	1.3	1.0	4 Branches
524	Coast Live Oak	34.1				
525	Coast Live Oak	13.7				
526	Coast Live Oak	9.6				
527	Coast Live Oak	17.8				
528	Coast Live Oak	35.0				
529	Coast Live Oak	95.5				Landmark Tree
530	Coast Live Oak	7.6				
531	Coast Live Oak	21.7				
532	Coast Live Oak	14.6				
533	Coast Live Oak	12.7				
534	Coast Live Oak	12.1				
535	Coast Live Oak	28.7				
536	Coast Live Oak	31.8				
537	Coast Live Oak	95.5				Landmark Tree

538	Coast Live Oak	25.5				
539	Coast Live Oak	22.3				
540	Coast Live Oak	19.1				
541	Coast Live Oak	21.0				
542	Coast Live Oak	25.5				
543	Coast Live Oak	4.8				
544	Coast Live Oak	28.3				
545	Coast Live Oak	7.0				
546	Coast Live Oak	30.3				
547	Coast Live Oak	19.7				
548	Coast Live Oak	10.2				
549	Coast Live Oak	31.8				
550	Coast Live Oak	17.5	1.0			2 Branches
551	Coast Live Oak	16.2				
552	Coast Live Oak	19.1				
553	Coast Live Oak	9.6	9.6			2 Branches
554	Coast Live Oak	38.2	25.5	19.1	14.3	4 Branches
555	Coast Live Oak	19.7				
556	Coast Live Oak	10.8				
557	Coast Live Oak	19.7				
558	Coast Live Oak	12.7				
559	Coast Live Oak	22.3				
560	Coast Live Oak	24.8				
561	Coast Live Oak	13.1				
562	Coast Live Oak	14.3	9.6			2 Branches
563	Coast Live Oak	14.0				
564	Coast Live Oak	6.7				
565	Coast Live Oak	7.3	7.3			2 Branches
566	Coast Live Oak	24.8				
567	Coast Live Oak	159.2				Landmark Tree
568	Coast Live Oak	1.9				
569	Coast Live Oak	7.0				
570	Coast Live Oak	13.4	4.8			2 Branches
571	Coast Live Oak	57.3				Landmark Tree
572	Coast Live Oak	5.1				
573	Coast Live Oak	14.3				
574	Coast Live Oak	15.6				
575	Coast Live Oak	60.5				Landmark Tree
576	Coast Live Oak	19.1				
577	Coast Live Oak	25.5				
578	Coast Live Oak	28.7				
579	Coast Live Oak	31.8				
580	Coast Live Oak	20.7	17.8			2 Branches
581	Coast Live Oak	35.0				
582	Coast Live Oak	44.6				
583	Coast Live Oak	7.3				

584	Coast Live Oak	11.5				
585	Coast Live Oak	21.0				
586	Blue Oak	21.0				
587	Blue Oak	22.3				
588	Blue Oak	25.5				
589	Coast Live Oak	15.3				
590	Coast Live Oak	15.9	15.6			2 Branches
591	Coast Live Oak	28.7				Landmark Tree
592	Coast Live Oak	7.0				
593	Coast Live Oak	35.0				
594	Coast Live Oak	56.7				Landmark Tree
595	Coast Live Oak	8.3				
596	Coast Live Oak	47.8	17.5	16.6		Landmark Tree - 3 Branches
597	Coast Live Oak	15.9				
598	Coast Live Oak	17.2				
599	Coast Live Oak	9.6	6.4	5.1		3 Branches
600	Coast Live Oak	8.3				
601	Coast Live Oak	8.0				
602	Coast Live Oak	52.5				Landmark Tree
603	Coast Live Oak	8.6	4.5			2 Branches
604	Coast Live Oak	22.9				
605	Coast Live Oak	29.0				
606	Coast Live Oak	36.9				2 Branches
607	Coast Live Oak	7.0				
608	Coast Live Oak	31.8				
609	Coast Live Oak	10.2	4.8	4.5	1.9	4 Branches
610	Coast Live Oak	28.3	22.3			2 Branches
611	Coast Live Oak	21.0				
612	Coast Live Oak	22.0				
613	Coast Live Oak	24.0				
614	Coast Live Oak	21.0				
615	Coast Live Oak	25.5				
616	Coast Live Oak	31.8				
617	Coast Live Oak	25.5	24.2			2 Branches
618	Coast Live Oak	38.2				
619	Coast Live Oak	35.0				
620	Coast Live Oak	22.9				
621	Coast Live Oak	8.6	5.7			2 Branches
622	Coast Live Oak	10.2	1.9			2 Branches
623	Coast Live Oak	5.7				
624	Coast Live Oak	7.6	5.1	4.5	4.5	4 Branches
625	Coast Live Oak	28.0				
626	Coast Live Oak	28.3				
627	Coast Live Oak	27.4				
628	Coast Live Oak	35.0				3 Branches
629	Coast Live Oak	21.0				

630	Coast Live Oak	26.8							2 Branches
631	Coast Live Oak	26.1							
632	Coast Live Oak	19.1							
633	Coast Live Oak	73.2							Landmark Tree
634	Coast Live Oak	7.3							
635	Coast Live Oak	10.2							
636	Coast Live Oak	11.5							
637	Coast Live Oak	8.3							
638	Coast Live Oak	8.0							
639	Coast Live Oak	13.7							
640	Coast Live Oak	11.5							
641	Coast Live Oak	8.9							
642	Coast Live Oak	11.5							
643	Coast Live Oak	6.4							
644	Coast Live Oak	8.3							
645	Coast Live Oak	18.5							
646	Coast Live Oak	16.9							
647	Coast Live Oak	32.8							
648	Coast Live Oak	17.8							
649	Coast Live Oak	10.8							
650	Coast Live Oak	11.8	11.5						2 Branches
651	Coast Live Oak	5.7							
652	Coast Live Oak	9.2							
653	Coast Live Oak	10.2							
654	Coast Live Oak	16.6	14.6						2 Branches
655	Coast Live Oak	5.7							
656	Coast Live Oak	16.6							
657	Coast Live Oak	15.3							
658	Coast Live Oak	11.5							
659	Coast Live Oak	13.4							
660	Coast Live Oak	17.5	14.6	11.5					3 Branches
661	Coast Live Oak	20.7	20.4	17.8	14.3	14.3	10.8		6 Branches
662	Blue Oak	11.5	6.4						2 Branches
663	Coast Live Oak	15.9	14.3						2 Branches
664	Coast Live Oak	6.4							
665	Coast Live Oak	16.6							
666	Blue Oak	18.5							
667	Blue Oak	7.0							
668	Coast Live Oak	7.0	5.7	4.8	4.5				4 Branches
669	Coast Live Oak	18.2	14.3	13.4					3 Branches
670	Coast Live Oak	18.2							
671	Coast Live Oak	16.6							
672	Coast Live Oak	6.4							
673	Coast Live Oak	21.7	19.7	18.2	17.2	14.3	16.9		6 Branches
674	Coast Live Oak	24.8	23.6	21.7					3 Branches
675	Coast Live Oak	16.6	14.0						2 Branches

676	Coast Live Oak	22.3	18.5	15.6	15.3		4 Branches
677	Coast Live Oak	14.3	10.8				2 Branches
678	Coast Live Oak	14.3	13.7	13.4			3 Branches
679	Coast Live Oak	18.5	17.8	17.2	15.3		4 Branches
680	Coast Live Oak	14.6					
681	Coast Live Oak	8.3					Dead Tree
682	Coast Live Oak	10.2	8.3				2 Branches
683	Blue Oak	13.7	11.1	10.2	9.9	12.7	5 Branches
684	Coast Live Oak	16.6					
685	Coast Live Oak	16.2	15.6				2 Branches
686	Coast Live Oak	16.9	14.6				2 Branches
687	Coast Live Oak	17.8					
688	Coast Live Oak	19.1					
689	Coast Live Oak	14.0					
690	Coast Live Oak	10.2					
691	Coast Live Oak	19.7					
692	Coast Live Oak	17.2	16.6				2 Branches
693	Coast Live Oak	14.6					
694	Coast Live Oak	13.7					
695	Coast Live Oak	34.1					Landmark Tree
696	Coast Live Oak	12.1					
697	Coast Live Oak	16.9	14.6	12.7			3 Branches
698	Coast Live Oak	15.9	15.0				2 Branches
699	Coast Live Oak	23.6	18.5	7.3			3 Branches
700	Coast Live Oak	14.6	14.0				2 Branches
701	Coast Live Oak	11.8	11.5				2 Branches
702	Coast Live Oak	19.7	18.5				2 Branches
703	Coast Live Oak	10.8					
704	Coast Live Oak	16.6					
705	Coast Live Oak	20.4					
706	Coast Live Oak	19.7					
707	Coast Live Oak	14.0	1.9				2 Branches
708	Coast Live Oak	14.0					
709	Coast Live Oak	14.6					
710	Coast Live Oak	16.6	9.6				2 Branches
711	Coast Live Oak	8.9					
712	Coast Live Oak	10.5					
713	Coast Live Oak	10.8	10.2	8.9			3 Branches
714	Coast Live Oak	23.9	22.3	22.0	21.7		4 Branches
715	Coast Live Oak	22.0	17.8	13.4			3 Branches
716	Coast Live Oak	18.2					
717	Blue Oak	16.9					
718	Coast Live Oak	23.9	21.3	17.8	10.8	11.5 4.8	6 Branches
719	Coast Live Oak	18.2					
720	Coast Live Oak	23.2	21.7				2 Branches
721	Blue Oak	11.8	11.1	11.1	10.2	10.2	5 Branches

