



### Tree Inventory & Assessment Table for 2 Charles Hill Circle, Orinda

#s: Each tree was given a numerical tag from #1-46. Their locations are given in the tree protection plan.

**DBH** (Diameter at Breast Height): Trunk diameters in inches were calculated from the circumference measured at 4.5' above average grade.

#### Health & Structural Condition Rating

**Dead:** Dead or declining past chance of recovery.

**Poor (P):** Stunted or declining canopy, poor foliar color, possible disease or insect issues. Severe structural defects that may or may not be correctable. Usually not a reliable specimen for preservation.

**Fair (F):** Fair to moderate vigor. Minor structural defects that can be corrected. More susceptible to construction impacts than a tree in good condition.

**Good (G):** Good vigor and color, with no obvious problems or defects. Generally more resilient to impacts.

**Very Good (VG):** Exceptional specimen with excellent vigor and structure. Unusually nice.

#### Age

**Young (Y):** Within the first 20% of expected life span. High resiliency to encroachment.

**Mature (M):** Between 20% - 80% of expected life span. Moderate resiliency to encroachment.

**Overmature (OM):** In >80% of expected life span. Low resiliency to encroachment.

**DE:** Dripline Encroachment (X indicates encroachment)

**CI:** Anticipated Construction Impact (L = Low, M = Moderate, H = High)

**PA:** Project Arborist

#	Species	DBH	Health	Structure	Dripline				Age	DE	CI	Comments	Action
					N	E	S	W					
1	Coast live oak ( <i>Quercus agrifolia</i> )	24	G	G	20	25	25	25	M			Oblong tag #313. Partially topped for clearance from power lines. Flare partially buried.	Remove small deadwood.
2	Valley oak ( <i>Quercus lobata</i> )	16	F	F	25 NE				M			Oblong tag #312. Sparse canopy. 30° lean to northeast. May be valley x black oak hybrid.	<b>Generally recommend uncovering root crowns.</b>
3	Coast live oak	23.5	G	F	0	10	10		M			Oblong tag #311. 45° lean to northeast.	

#	Species	DBH	Health	Structure	Dripline				Age	DE	CI	Comments	Action
					N	E	S	W					
4	Coast live oak	46.5	F	F	20	20	25	25	M			Oblong tag #310. Minor sycamore borer damage. Sparse canopy. Two large 18" scaffolds failed to south.	
5	Coast live oak	16	F	P	35 S				M	X	H	Oblong tag #309. Growing horizontally to south. Propped by stump. In best location for proposed driveway.	Remove.
6	Coast live oak	10	F	F	15	0	10	10	Y			Oblong tag #308. Topped under PG&E lines.	
7	Valley oak	27	F	F	15	20	20	15	M			Oblong tag #307. Slightly sparse. Power lines.	
8	Valley oak	17	F	F	10	25	0	10	M			Oblong tag #303.	
9	Valley oak	12	F	F	25 S				M			Oblong tag #304. Phototropic lean to south.	
10	Valley oak	14, 11.5	F	F	0	0	20	25	M			Oblong tags #305 & 306. Single trunk.	
11	Valley oak	12.5	F	F	15	0	0	15	M			Oblong tag #302. May be valley x black oak hybrid.	
12	Coast live oak	14.5	G	F	15	0	15	15	M			Oblong tag #301. Topped under wires.	
13	Coast live oak	12	F	G	10	10	10	10	Y			Oblong tag #345.	
14	Coast live oak	11	G	F	12	12	12	12	Y			Oblong tag #344. Construction debris at base. 10° lean to east.	Remove debris from base.
15	Coast live oak	13	G	F	15	15	10	8	Y			Oblong tag #343. Flare buried. 15° lean to northeast.	
16	Coast live oak	11	G	F	8	15	10	0	Y			Oblong tag #342. Sunburn on west side of trunk -25° lean to east.	
17	Coast live oak	12	G	G	10	10	5	20	Y			Oblong tag #341.	
18	Coast live oak	10.5	G	G	0	0	15	15	M			Oblong tag #340.	
19	Coast live oak	7.5	F	F	20 W				Y			Oblong tag #339. Crowded.	
20	Coast live oak	8	P	F	8	8	8	8	Y			Oblong tag #338. Very sparse canopy.	
21	Coast live oak	13.5	G	F	0	0	20	15	M			Oblong tag #337.	
22	California bay ( <i>Umbellularia californica</i> )	9, 10, 9.5	G	P	8	15	18	15	M			Oblong tag #336. Co-dominant included trunks at base.	

#	Species	DBH	Health	Structure	Dripline				Age	DE	CI	Comments	Action
					N	E	S	W					
23	Coast live oak	12, 11, 9	G	F-P	0	0	25	10	M			Oblong tag #335. 35° phototropic lean to south. Co-dominant stems with decay at main crotch at 3'.	
24	Coast live oak	16.5, 10	G	F	0	0	30	25	M			Oblong tag #334. Co-dominant stems.	
25	Coast live oak	25	G	F	5	20	20	10	M			Oblong tag #333. In creek setback. Large vertical scar at base. Co-dominant stems at 12'.	
26	Coast live oak	20.5	G	F	0	0	30	0	M			Oblong tag #332. In creek setback. Lean to south. Large closed wound at base.	
27	Coast live oak	16.5, 13	F	F	0	0	15	30	M			Oblong tag #331. Sparse canopy. 30° lean to west.	
28	Valley oak	20	F	G-F	15	10	10	20	M			Oblong tag #330. Sparse canopy. 10° lean to northwest.	
29	Coast live oak	25	F-P	F-P	15	15	15	20	OM			Oblong tag #329. Round tag #1506. Large epicormic sprouts off trunk are now the canopy.	
30	Coast live oak	27	F	F	15	40	30	5	M			Oblong tag #328. In creek setback. 20° lean to east.	
31	Coast live oak	18	F	F	15	20	20	0	M			Oblong tag #327. Just beyond creek setback. Decay in trunk wound at base, good closure. 10° lean to east.	
32	Coast live oak	26, 30	F	F	20	30	30	15	M			Not surveyed. Oblong tag #324.	
33	Valley oak	17	F	F	0	25	30	0	M			Oblong tag #323. 10° lean to southeast.	
34	Coast live oak	27, 29	F	F	25	30	30	10	M			Oblong tag #321. Sparse canopy. Co-dominant trunks.	
35	Valley oak	23	G	F	25	25	20	25	M			Not surveyed. Oblong tag #322. Poorly tapered elongated scaffold branch.	
36	California bay	7.5	G	G	5	5	5	5	Y				
37	Valley oak	16	F	F	0	30	15	0	M			Oblong tag #320, 40° lean to east. Buried trunk.	
38	Valley oak	16	F	F	0	25	0	0	M			Oblong tag #319. 15°lean to east. Buried trunk. Might be the same tree as #37.	
39	California bay	5, 8	G	G	0	5	5	5	Y			Oblong tag #318.	

#	Species	DBH	Health	Structure	Dripline				Age	DE	CI	Comments	Action
					N	E	S	W					
40	California bay	5, 7	G	G	12	15	10	5	Y			Oblong tag #316. 30° sweeping lean to east	
41	California bay	8	G	G	8	15	7	0	Y			Oblong tag #317. 10° sweeping lean to east.	
42	Coast live oak	19.5	F	F	15	10	15	20	M			Oblong tag #315. Co-dominant leaders.	
43	Coast live oak	10	G	G	12	10	10	10	Y			Oblong tag #314.	
44	Coast live oak	26.5	G	G-F	20	28	30	25	M			Oblong tag #325. Elongated scaffolds.	
45	Coast live oak	29	F	F	15	30	20	30	M			Oblong tag #326. In creek setback. Elongated scaffold to west. Cavity at base. Heavy end weight.	
46	California bay	8, 7, 7, 6, 6, 6, 5, 4	G	P	15	15	10	15	M			Sprouts from old rotted stump.	