

Client: Huffman Broadway Group, Inc.
Project Location: 11925 State Route 1, Point Reyes Station, CA
Inspection Date: November, 2024
Arborist: Ben Anderson



URBAN FORESTRY ASSOCIATES, INC.

Assignment

Robert Perrera reached out to me on behalf of his client to request a tree inventory and protection plan for an 80-acre property in Point Reyes Station to submit along with the planning application. The inventory was to include the areas outside the 100-foot buffers around waterways. Two dense areas outside the area of impact were also excluded. I included trees that qualify as protected in the local coastal plan and any trees on neighboring properties that could be affected.

Observations

The subject property is large, with an average slope of approximately 30%. It is primarily dominated by grasslands, with denser tree coverage concentrated around the property margins. I was provided with a recent site survey detailing the location of the subject trees, and I installed numbered foil tags on each tree corresponding to this survey. These identifiers were shared with the surveyor, who incorporated them into the map.

Coast live oaks (*Quercus agrifolia*) and California bays (*Umbellularia californica*) are the primary species throughout the property. There is an equestrian facility on-site, bordered by a row of Monterey cypress (*Hesperocyparis macrocarpa*) and blue gum eucalyptus (*Eucalyptus globulus*) along the property line shared with the adjacent neighbor. Additionally, a single cork oak (*Quercus suber*) on the neighboring property was included in the inventory due to its proximity to the construction zone and potential for impact.

Two areas on the survey are labeled as “Thick Bay and Coast Live Oak Tree Area”:

- **Tree Area A:** Almost exclusively California bays, with very few oaks.
- **Tree Area B:** A mix of bay and oak trees in relatively poor condition, including several dead, standing trees.

Poison oak (*Toxicodendron diversilobum*) is prevalent on the property, limiting my ability to tag or measure some trees.

Photos of the trees can be found here: <https://1drv.ms/f/s!Agxd6LY3k0-8qvd8pC66jomMGojqug?e=XsVEIb>
An Excel version of the inventory can be downloaded here: <https://1drv.ms/x/s!Agxd6LY3k0-8qvcNBweXIRs0kBgm0g?e=wdTfe4>

Discussion

The Marin County Local Coastal Program Land Use Plan requires a Coastal Permit for the removal of “major vegetation.” The 2019 Implementation Plan’s definition of major vegetation includes “heritage trees.” In the table defining heritage trees in the same document, the diameter cut off for coast live oak for heritage tree classification is 18 inches and 30 inches for bay. There is no provision in the implementation plan for the removal of diseased or hazardous trees. There is no discussion of how to account for multi-trunk trees so I determine a tree’s status based on the diameter of the largest trunk at 4 1/2 feet above grade.

The proposed project will necessitate the removal of 15 trees classified as protected or heritage under the Local Coastal Plan.

- **Condition and Exemptions:** Three trees are in sufficiently poor condition to qualify as exempt under the Marin County ordinance. However, this exemption does not apply under the Local Coastal Plan.
- **Healthy Trees Removed:** 12 healthy, well-formed native trees will be removed. Four of these trees are classified as heritage due to their size

INSPECTION SCHEDULE

Inspection of site: Prior to Equipment and Materials Move In, Site Work, Demolition and Tree Removal: The Project Arborist will meet with the General Contractor, Architect / Engineer, and Owner or their representative to review tree preservation measures, designate tree removals, delineate/approve the location of tree protection / non-intrusion zone (TPZ) fencing, specify equipment access routes and materials storage areas, review the existing condition of trees and provide any necessary recommendations. Fencing installation to be documented by contractor and supplied to arborist.

Inspection of site: During excavation or any activities that could affect trees: Inspect site during any activity within the Tree Protection Zones of preserved trees and any recommendations implemented. Assess any changes in the health of trees since last inspection.

Final Inspection of Site: Inspection of site following completion of construction: Inspect for tree health and make any necessary recommendations.

ARBORIST'S CHECKLIST

- The Arborist shall have a pre-demolition meeting with the contractor or responsible party and all other foremen or crew managers on site before any work to review all work procedures, access and haul routes, and tree protection. The contractor must notify the Arborist if roots are exposed or if trunks or branches are wounded.
- Storage of equipment shall be as far away from protected trees as possible and optimally on asphalt or ground protected by mulch/plywood. No chemicals or other waste materials shall be dumped within 20' of the base of any tree. There shall be no material storage in the TPZ.
- Use of equipment should be limited as much as possible on bare ground within the tree protection zone. A six-to-twelve-inch layer of wood chip mulch should be used as a soil protection measure in areas of heavy equipment use.
- Where larger excavators cannot reach from outside the TPZ, mini excavators on rubber tracks should be used to minimize soil compaction.
- Subsurface electrical conduits shall be carefully exposed and removed to avoid tearing or severing roots greater than two inches in diameter. If roots are damaged, they shall be cut cleanly back to their intact bark.
- 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. TPZ fencing shall be reinstalled as soon as demolition activities are complete.
- All trenching within the TPZ shall be done pneumatically or by hand, being careful not to damage any of the bark of any root encountered.
- An arborist shall inspect all grading, trenching, tunneling or other excavation within the root zones of trees before backfilling.
- Any tree pruning will be done in accordance with the latest version of ISA or ANSI best management practices/ standards. The arborist will inspect all pruning.
- 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.
- Any suspected omissions or conflicts between various plan elements shall be brought to the attention of the arborist and resolved before proceeding with the work.

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 the 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. Arborists cannot detect every condition that could lead to a tree's structural failure. Since trees are living organisms, conditions are often hidden within the tree and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances or for a specific period of time. Likewise, remedial treatments cannot be guaranteed. Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk, and the only way to eliminate all risks associated with trees is to eliminate all trees.



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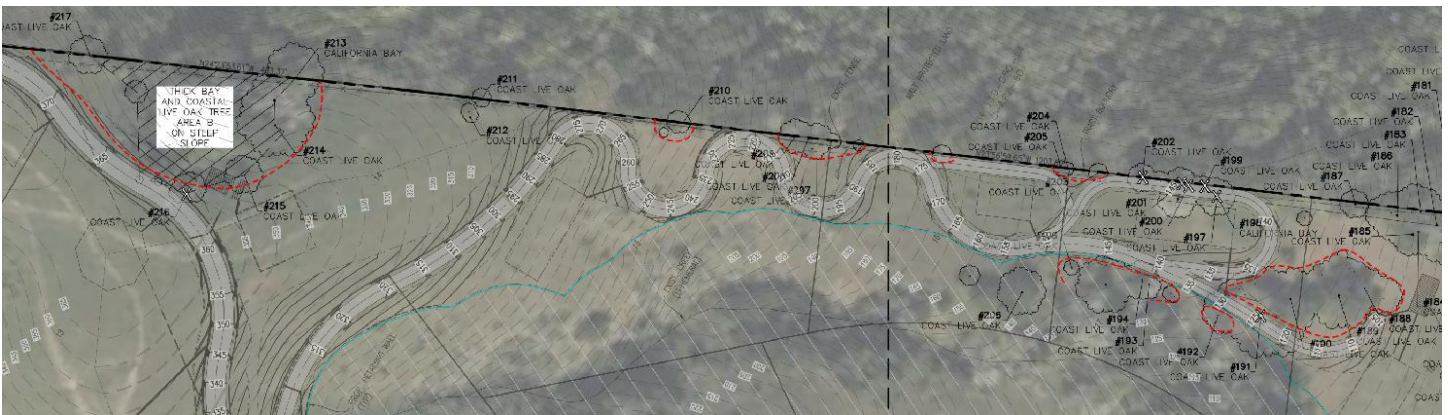


Figure 1. Map 1 of 2 shows the location for tree protection fencing (red dashed line). It is generally at the dripline of protected trees or the limit of excavation. No fencing is needed at the backside of the trees. Not all trees require fencing as the topography should serve to keep equipment away in many cases.



Figure 2. Map 2 of 2 of required tree protection fencing.

Table 1. Removals.

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
1	Coast live oak	<i>Quercus agrifolia</i>	10.5			Good	Fair to Good	Fair	Asymmetric downhill	Yes			X
2	Coast live oak	<i>Quercus agrifolia</i>	8.5	5.5		Good	Fair to Good	Fair	Asymmetric downhill	Yes			X
3	Coast live oak	<i>Quercus agrifolia</i>	18			Good	Fair	Fair	Asymmetric downhill		Yes		X
20	Coast live oak	<i>Quercus agrifolia</i>	16.5	16	16	Excellent	Fair to Good	Excellent		Yes			X
21	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair	Good	Fair to Good		Yes			X
23	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Good	Good		Yes			X
24	Coast live oak	<i>Quercus agrifolia</i>	18			Good	Good	Good			Yes		X
191	Coast live oak	<i>Quercus agrifolia</i>	20	19.5	17	Fair	Fair	Poor			Yes		X
197	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair to Good	Poor to Fair	Poor	Growing out of the base of a dominant bay tree	Yes		Yes	X
198	California Bay	<i>Umbellularia californica</i>	19.5			Good	Good	Good		Yes			X
199	Coast live oak	<i>Quercus agrifolia</i>	8.5			Poor	Poor to Fair	Poor	Nearly dead. Fence post embedded in trunk.	Yes		Yes	X
200	Coast live oak	<i>Quercus agrifolia</i>	8			Fair to Good	Good	Fair to Good	J sweep and base. Leans into property.	Yes			X
201	Coast live oak	<i>Quercus agrifolia</i>	14.5			Good	Good	Good		Yes			X
202	Coast live oak	<i>Quercus agrifolia</i>	18	15.5		Good	Fair	Good	Very weak main union		Yes		X
216	Coast live oak	<i>Quercus agrifolia</i>	10			Poor to Fair	Fair to Good	Poor	Tag on small branch due to poison oak. Diameter estimated	Yes		Yes	X

Table 2. Full inventory.

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
1	Coast live oak	<i>Quercus agrifolia</i>	10.5			Good	Fair to Good	Fair	Asymmetric downhill	Yes			X
2	Coast live oak	<i>Quercus agrifolia</i>	8.5	5.5		Good	Fair to Good	Fair	Asymmetric downhill	Yes			X
3	Coast live oak	<i>Quercus agrifolia</i>	18			Good	Fair	Fair	Asymmetric downhill		Yes		X
4	Coast live oak	<i>Quercus agrifolia</i>	18			Fair	Fair to Good	Good	Fighting off sudden death		Yes		
5	Coast live oak	<i>Quercus agrifolia</i>	25.5			Fair to Good	Good	Fair to Good			Yes		
6	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair to Good	Fair	Poor	Suffered past root failure	Yes			
7	Coast live oak	<i>Quercus agrifolia</i>	21			Good	Fair to Good	Good			Yes		
8	Coast live oak	<i>Quercus agrifolia</i>	17			Good	Fair to Good	Fair to Good		Yes			
9	Coast live oak	<i>Quercus agrifolia</i>	19			Good	Fair to Good	Poor to Fair			Yes		
10	California Bay	<i>Umbellularia californica</i>	19			Poor	Fair	Poor to Fair		Yes		Yes	
11	Coast live oak	<i>Quercus agrifolia</i>	15	12.5	12	Good	Good	Fair to Good		Yes			
12	Coast live oak	<i>Quercus agrifolia</i>	27.5			Good	Fair to Good	Fair	Asymmetric canopy		Yes		
13	Coast live oak	<i>Quercus agrifolia</i>	17.5	15	14	Good	Fair to Good		Asymmetric canopy	Yes			
14	Coast live oak	<i>Quercus agrifolia</i>	22			Good	Fair to Good	Poor	Strong trunk bow and canopy asymmetry. Diameter estimated due to poison oak.		Yes		
15	Coast live oak	<i>Quercus agrifolia</i>	6.5			Good	Poor to Fair	Poor	The trunk is growing along the ground	Yes		Yes	
16	Coast live oak	<i>Quercus agrifolia</i>	17			Good	Fair to Good	Fair to Good		Yes			
18	Coast live oak	<i>Quercus agrifolia</i>	21	19		Good	Fair to Good	Fair to Good			Yes		
19	Coast live oak	<i>Quercus agrifolia</i>	21.5	19.5	15.5	Poor to Fair	Fair to Good	Poor to Fair	Sparse asymmetric canopy		Yes	Yes	
20	Coast live oak	<i>Quercus agrifolia</i>	16.5	16	16	Excellent	Fair to Good	Excellent		Yes			X
21	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair	Good	Fair to Good		Yes			X
22	Coast live oak	<i>Quercus agrifolia</i>	10	7		Fair to Good	Fair to Good	Good		Yes			
23	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Good	Good		Yes			X
24	Coast live oak	<i>Quercus agrifolia</i>	18			Good	Good	Good			Yes		X
25	Coast live oak	<i>Quercus agrifolia</i>	14.5	9.5	9	Good	Fair	Good		Yes			
26	Coast live oak	<i>Quercus agrifolia</i>	6.5	5	5	Good	Fair	Good	Seven trunks	Yes			
27	Coast live oak	<i>Quercus agrifolia</i>	12	8.5		Good	Good	Good		Yes			
28	Coast live oak	<i>Quercus agrifolia</i>	6.5	5		Fair to Good	Good	Fair	not on survey	Yes			
29	Coast live oak	<i>Quercus agrifolia</i>	25.5	17.5		Good	Good	Good			Yes		
30	Coast live oak	<i>Quercus agrifolia</i>	13			Very Poor	Poor	Poor to Fair		Yes		Yes	
31	Coast live oak	<i>Quercus agrifolia</i>	20			Good	Fair to Good	Fair	Asymmetric canopy balanced towards the road		Yes		

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
32	Coast live oak	<i>Quercus agrifolia</i>	15			Fair	Good	Poor to Fair	Heavy sap sucker damage. Some canopy dieback	Yes			
33	Coast live oak	<i>Quercus agrifolia</i>	13	9		Fair	Fair	Poor to Fair	Asymmetric canopy balanced away from the road	Yes			
34	Coast live oak	<i>Quercus agrifolia</i>	7.5			Fair to Good	Fair	Poor to Fair		Yes			
35	Coast live oak	<i>Quercus agrifolia</i>	16.5			Fair to Good	Fair	Poor to Fair		Yes			
36	Coast live oak	<i>Quercus agrifolia</i>	9.5	6.5		Poor to Fair	Poor to Fair	Poor	Smaller trunk is mostly dead.	Yes		Yes	
37	Coast live oak	<i>Quercus agrifolia</i>	26			Good	Good	Fair to Good			Yes		
38	Coast live oak	<i>Quercus agrifolia</i>	24.5			Good	Good	Good			Yes		
39	Coast live oak	<i>Quercus agrifolia</i>	7			Fair to Good	Fair	Fair		Yes			
40	Coast live oak	<i>Quercus agrifolia</i>	10			Fair to Good	Good	Fair to Good	Not tagged or measured due to poison oak	Yes			
41	California Bay	<i>Umbellularia californica</i>	18			Good	Fair to Good	Fair to Good	Slightly asymmetric towards road	Yes			
42	Coast live oak	<i>Quercus agrifolia</i>	16.5			Good	Fair to Good	Fair	Strong uphill bow away from road	Yes			
43	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair to Good	Fair to Good	Fair		Yes			
44	Coast live oak	<i>Quercus agrifolia</i>	23.5			Good	Poor to Fair	Poor to Fair	Large wound on main trunk from prior failure		Yes	Yes	
45	Coast live oak	<i>Quercus agrifolia</i>	6			Fair to Good	Fair	Poor		Yes			
46	Coast live oak	<i>Quercus agrifolia</i>	23.5			Fair to Good	Fair to Good	Poor to Fair	Asymmetric side slope canopy		Yes		
47	California Bay	<i>Umbellularia californica</i>	12	9	7	Fair to Good	Fair	Fair	Slight downhill lean towards road	Yes			
48	Coast live oak	<i>Quercus agrifolia</i>	9			Poor to Fair	Fair	Poor to Fair		Yes		Yes	
49	Coast live oak	<i>Quercus agrifolia</i>	9			Good	Fair to Good	Poor	Strong downhill lean	Yes			
50	Coast live oak	<i>Quercus agrifolia</i>	8	6		Good	Good	Fair		Yes			
51	Coast live oak	<i>Quercus agrifolia</i>	12.5			Good	Fair to Good	Fair		Yes			
52	Coast live oak	<i>Quercus agrifolia</i>	12			Poor to Fair	Fair to Good	Poor	Both tops died. One top already fell from tree. Diameter estimated due to poison oak.	Yes		Yes	
53	Coast live oak	<i>Quercus agrifolia</i>	10.3			Good	Fair to Good	Fair	Bows downhill	Yes			
54	Coast live oak	<i>Quercus agrifolia</i>	13			Fair to Good	Fair	Poor to Fair	Trunk bows to ground	Yes			
55	Coast live oak	<i>Quercus agrifolia</i>	11.5			Fair to Good	Fair	Poor to Fair	Supporting adjacent tree	Yes			
56	Coast live oak	<i>Quercus agrifolia</i>	23.5	10		Good	Fair to Good	Fair	Strong uphill lean and canopy asymmetry		Yes		
57	Coast live oak	<i>Quercus agrifolia</i>	11	8.5		Fair to Good	Fair to Good	Poor to Fair		Yes			
58	Coast live oak	<i>Quercus agrifolia</i>	12			Fair to Good	Fair to Good	Poor		Yes			

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
59	Coast live oak	<i>Quercus agrifolia</i>	18			Fair to Good	Fair to Good	Poor			Yes		
60	Coast live oak	<i>Quercus agrifolia</i>	19.5			Good	Good	Fair to Good			Yes		
61	Coast live oak	<i>Quercus agrifolia</i>	13.5			Fair	Fair	Fair to Good		Yes			
62	Coast live oak	<i>Quercus agrifolia</i>	11.5			Fair	Fair	Poor		Yes			
63	Coast live oak	<i>Quercus agrifolia</i>	13			Poor to Fair	Fair	Poor to Fair	Diameter estimated due to poison oak	Yes		Yes	
64	Coast live oak	<i>Quercus agrifolia</i>	15.5			Good	Fair	Poor		Yes			
65	Coast live oak	<i>Quercus agrifolia</i>	16.5			Fair to Good	Good	Fair		Yes			
66	California Bay	<i>Umbellularia californica</i>	12			Fair to Good	Fair to Good	Fair	Lean toward Road	Yes			
67	California Bay	<i>Umbellularia californica</i>	12			Fair to Good	Fair to Good	Fair	Lean toward Road. Wood rat nest at base. Not on survey.	Yes			
68	Coast live oak	<i>Quercus agrifolia</i>	16			Fair	Fair to Good	Fair	Lean toward Road	Yes			
69	Coast live oak	<i>Quercus agrifolia</i>	14			Fair to Good	Fair	Poor	Fallen dead tree suspended in the canopy. Not on survey.	Yes			
70	California Bay	<i>Umbellularia californica</i>	24			Good	Good	Fair to Good		Yes			
71	California Bay	<i>Umbellularia californica</i>	16	11.5	6	Good	Fair	Fair to Good		Yes			
72	Coast live oak	<i>Quercus agrifolia</i>	14.5	12		Fair	Poor to Fair	Poor	Lower trunk obscured by wildlife nest. Targets the road.	Yes		Yes	
73	California Bay	<i>Umbellularia californica</i>	10	9.5	9	Good	Fair to Good	Fair to Good		Yes			
74	California Bay	<i>Umbellularia californica</i>	13			Fair	Fair to Good	Fair		Yes			
75	Coast live oak	<i>Quercus agrifolia</i>	14.5			Fair to Good	Fair to Good	Poor to Fair		Yes			
76	Coast live oak	<i>Quercus agrifolia</i>	16			Good	Poor to Fair	Fair	Laying on side from old root failure.	Yes		Yes	
77	Coast live oak	<i>Quercus agrifolia</i>	14			Good	Good	Fair		Yes			
78	Coast live oak	<i>Quercus agrifolia</i>	10			Good	Good	Fair		Yes			
79	Coast live oak	<i>Quercus agrifolia</i>	16			Fair to Good	Poor to Fair	Very Poor		Yes		Yes	
80	Coast live oak	<i>Quercus agrifolia</i>	19.5			Fair to Good	Fair to Good	Fair			Yes		
81	Coast live oak	<i>Quercus agrifolia</i>	20.5	18	14	Fair to Good	Fair	Fair to Good			Yes		
82	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Fair	Poor		Yes			
83	Coast live oak	<i>Quercus agrifolia</i>	25			Good	Fair to Good	Fair to Good			Yes		
84	Coast live oak	<i>Quercus agrifolia</i>	23	15		Good	Fair to Good	Poor			Yes		
85	California Bay	<i>Umbellularia californica</i>	18	14		Fair to Good	Good	Fair to Good		Yes			
86	Coast live oak	<i>Quercus agrifolia</i>	8			Fair	Good	Fair	Crowded by snag.	Yes			
87	Coast live oak	<i>Quercus agrifolia</i>	12.5			Fair to Good	Fair to Good	Poor to Fair		Yes			

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
88	Coast live oak	<i>Quercus agrifolia</i>	11	10	7.5	Fair to Good	Poor to Fair	Fair	Necrosis in tree base at common attachment	Yes		Yes	
89	Coast live oak	<i>Quercus agrifolia</i>	15	13.5	13.5	Fair	Poor	Poor	One stem failed and is suspended in an adjacent tree. The remaining stems are weakly attached. Small bay growing out of the base.	Yes		Yes	
90	Coast live oak	<i>Quercus agrifolia</i>	16			Good	Fair	Poor	Diameter estimated due to poison oak. Not on survey	Yes			
91	California Bay	<i>Umbellularia californica</i>	14	10	7	Fair	Fair to Good	Fair	Not located on survey. Did not access due to poison oak. Not tagged. Not on survey.	Yes			
92	Coast live oak	<i>Quercus agrifolia</i>	10	8		Good	Good	Fair to Good		Yes			
93	Coast live oak	<i>Quercus agrifolia</i>	16.5	13		Good	Fair	Fair to Good		Yes			
94	Coast live oak	<i>Quercus agrifolia</i>	14			Poor	Fair	Fair		Yes		Yes	
95	Coast live oak	<i>Quercus agrifolia</i>	14			Poor	Fair	Fair		Yes		Yes	
96	Coast live oak	<i>Quercus agrifolia</i>	14			Fair to Good	Poor to Fair	Poor to Fair	Leaning against adjacent tree toward road. Couldn't access.	Yes		Yes	
97	Coast live oak	<i>Quercus agrifolia</i>	8			Good	Good	Good		Yes			
98	California Bay	<i>Umbellularia californica</i>	10	9	8	Good	Fair to Good	Good	Lower trunk obscured by wildlife nest.	Yes			
99	Coast live oak	<i>Quercus agrifolia</i>	18	13		Good	Fair	Poor to Fair			Yes		
100	Coast live oak	<i>Quercus agrifolia</i>	13.5			Good	Fair to Good	Fair to Good		Yes			
101	Coast live oak	<i>Quercus agrifolia</i>	15			Poor to Fair	Good	Good		Yes		Yes	
102	Coast live oak	<i>Quercus agrifolia</i>	11.5			Poor to Fair	Poor to Fair	Fair to Good	Only one of its three stems is alive	Yes		Yes	
103	Coast live oak	<i>Quercus agrifolia</i>	11	10.5	10	Poor	Poor	Fair to Good		Yes		Yes	
104	Coast live oak	<i>Quercus agrifolia</i>	10			Very Poor	Poor	Poor		Yes		Yes	
105	Coast live oak	<i>Quercus agrifolia</i>	8.5	8.5		Good	Fair to Good	Poor		Yes			
106	Coast live oak	<i>Quercus agrifolia</i>	10.5			Good	Good	Fair to Good		Yes			
107	California Bay	<i>Umbellularia californica</i>	10.5	7		Good	Good	Fair		Yes			
108	Coast live oak	<i>Quercus agrifolia</i>	10.5			Poor	Very Poor	Fair to Good		Yes		Yes	
109	Coast live oak	<i>Quercus agrifolia</i>	11	9		Very Poor	Very Poor	Poor		Yes		Yes	
110	Coast live oak	<i>Quercus agrifolia</i>	14	11.5		Poor to Fair	Fair	Fair		Yes		Yes	
111	Coast live oak	<i>Quercus agrifolia</i>	11			Fair to Good	Fair to Good	Fair		Yes			

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
112	Coast live oak	<i>Quercus agrifolia</i>	16	14	14	Good	Fair	Fair to Good		Yes			
113	Coast live oak	<i>Quercus agrifolia</i>	14.5	10.5		Fair to Good	Fair to Good	Poor to Fair		Yes			
114	Coast live oak	<i>Quercus agrifolia</i>	8			Poor to Fair	Fair to Good	Fair		Yes		Yes	
115	Coast live oak	<i>Quercus agrifolia</i>	14.5	10		Poor to Fair	Poor to Fair	Poor to Fair		Yes		Yes	
116	Coast live oak	<i>Quercus agrifolia</i>	12			Poor to Fair	Fair to Good	Fair		Yes		Yes	
117	Coast live oak	<i>Quercus agrifolia</i>	15	13.5		Poor to Fair	Fair to Good	Fair to Good		Yes		Yes	
118	Coast live oak	<i>Quercus agrifolia</i>	19.5			Good	Poor to Fair	Poor	Appears to have partially uprooted		Yes	Yes	
119	Coast live oak	<i>Quercus agrifolia</i>	17.5			Good	Fair to Good	Poor to Fair		Yes			
120	Coast live oak	<i>Quercus agrifolia</i>	7.5	6.5		Fair to Good	Fair to Good	Fair		Yes			
121	Coast live oak	<i>Quercus agrifolia</i>	6			Poor	Poor to Fair	Poor		Yes		Yes	
122	Coast live oak	<i>Quercus agrifolia</i>	15			Fair to Good	Fair to Good	Fair		Yes			
123	Coast live oak	<i>Quercus agrifolia</i>	10.5	9.5	5.5	Poor to Fair	Good	Good		Yes		Yes	
124	Coast live oak	<i>Quercus agrifolia</i>	16.5	12		Good	Good	Fair to Good		Yes			
125	Coast live oak	<i>Quercus agrifolia</i>	10			Good	Good	Fair to Good	not on survey	Yes			
126	Coast live oak	<i>Quercus agrifolia</i>	24			Good	Good	Good			Yes		
127	Coast live oak	<i>Quercus agrifolia</i>	14			Good	Good	Fair to Good		Yes			
128	Coast live oak	<i>Quercus agrifolia</i>	12	10		Fair to Good	Fair to Good	Good		Yes			
129	Coast live oak	<i>Quercus agrifolia</i>	15			Fair to Good	Good	Good		Yes			
130	Coast live oak	<i>Quercus agrifolia</i>	10.5			Good	Good	Fair		Yes			
131	Coast live oak	<i>Quercus agrifolia</i>	8.5			Good	Fair	Fair to Good	Erosion undercutting cut bank.	Yes			
132	Coast live oak	<i>Quercus agrifolia</i>	16			Good	Fair	Good	Erosion undercutting cut bank.	Yes			
133	Coast live oak	<i>Quercus agrifolia</i>	12	11		Fair to Good	Poor to Fair	Fair	Topped by PGE. Undermined root system.	Yes		Yes	
134	Coast live oak	<i>Quercus agrifolia</i>	12.5	9.5	6.5	Good	Good	Fair to Good		Yes			
135	Coast live oak	<i>Quercus agrifolia</i>	11.5			Good	Good	Fair to Good		Yes			
136	Coast live oak	<i>Quercus agrifolia</i>	6			Good	Fair to Good	Fair to Good		Yes			
137	Coast live oak	<i>Quercus agrifolia</i>	15	12	11.5	Good	Fair	Good		Yes			
138	Coast live oak	<i>Quercus agrifolia</i>	10			Good	Good	Good	Not tagged due to poison oak	Yes			
139	Coast live oak	<i>Quercus agrifolia</i>	8			Good	Good	Good	Not tagged due to poison oak	Yes			
140	Coast live oak	<i>Quercus agrifolia</i>	8			Good	Fair to Good	Good		Yes			
141	Coast live oak	<i>Quercus agrifolia</i>	21	16.5		Poor	Poor	Poor to Fair			Yes	Yes	
142	Coast live oak	<i>Quercus agrifolia</i>	12.5			Poor to Fair	Fair to Good	Fair	not on survey	Yes		Yes	

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
143	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Good	Fair to Good		Yes			
144	Coast live oak	<i>Quercus agrifolia</i>	9.5			Good	Fair to Good	Good		Yes			
145	Coast live oak	<i>Quercus agrifolia</i>	7.5	5		Fair	Fair to Good	Fair		Yes			
146	Coast live oak	<i>Quercus agrifolia</i>	8.5			Good	Good	Fair to Good		Yes			
147	Coast live oak	<i>Quercus agrifolia</i>	8	7	6	Good	Good	Fair to Good	Group of four trunks	Yes			
148	Coast live oak	<i>Quercus agrifolia</i>	7.5	5		Good	Good	Fair to Good	Diameters estimated due to poison oak	Yes			
149	Coast live oak	<i>Quercus agrifolia</i>	8	7	7	Good	Fair to Good	Fair to Good	Diameters estimated due to poison oak	Yes			
150	Coast live oak	<i>Quercus agrifolia</i>	13.5	11		Good	Good	Good	Diameters estimated due to poison oak	Yes			
151	Coast live oak	<i>Quercus agrifolia</i>	8	7	6	Good	Good	Fair to Good	Group of four trunks	Yes			
152	Coast live oak	<i>Quercus agrifolia</i>	13.5			Fair to Good	Good	Fair		Yes			
153	Coast live oak	<i>Quercus agrifolia</i>	11.5	9		Good	Good	Fair to Good		Yes			
154	Coast live oak	<i>Quercus agrifolia</i>	22			Good	Good	Good	Diameter estimated due to poison oak		Yes		
155	Coast live oak	<i>Quercus agrifolia</i>	6	5		Good	Good	Good	Diameters estimated due to poison oak	Yes			
156	Coast live oak	<i>Quercus agrifolia</i>	13			Fair to Good	Fair to Good	Fair	Topped under powerlines. Diameter estimated due to poison oak	Yes			
157	Coast live oak	<i>Quercus agrifolia</i>	11			Fair to Good	Fair to Good	Fair	Topped under powerlines	Yes			
158	Coast live oak	<i>Quercus agrifolia</i>	10.5			Good	Good	Fair to Good	Topped under powerlines. Not on survey.	Yes			
159	Coast live oak	<i>Quercus agrifolia</i>	12.5	12.5		Good	Good	Fair to Good	Topped under powerlines	Yes			
160	Coast live oak	<i>Quercus agrifolia</i>	9.5			Poor	Fair to Good	Poor to Fair		Yes		Yes	
161	California Bay	<i>Umbellularia californica</i>	18	10.5		Fair to Good	Good	Fair	Topped under powerlines	Yes			
162	Coast live oak	<i>Quercus agrifolia</i>	12.5	11.5		Fair to Good	Good	Fair to Good		Yes			
163	Coast live oak	<i>Quercus agrifolia</i>	13			Good	Good	Good		Yes			
164	California Bay	<i>Umbellularia californica</i>	10			Good	Fair to Good	Fair		Yes			
165	Coast live oak	<i>Quercus agrifolia</i>	7			Poor	Fair	Poor	not on survey	Yes		Yes	
166	Coast live oak	<i>Quercus agrifolia</i>	13.5			Good	Fair to Good	Fair		Yes			
167	Coast live oak	<i>Quercus agrifolia</i>	17.5			Good	Fair to Good	Fair to Good		Yes			
168	Coast live oak	<i>Quercus agrifolia</i>	12.5			Good	Fair to Good	Poor to Fair		Yes			
169	Coast live oak	<i>Quercus agrifolia</i>	9			Good	Fair to Good	Fair to Good		Yes			
170	Coast live oak	<i>Quercus agrifolia</i>	32	28	14	Very Poor	Poor	Fair	The tree is in decline		Yes	Yes	

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
171	Coast live oak	<i>Quercus agrifolia</i>	9.5			Poor	Poor	Fair		Yes		Yes	
172	Coast live oak	<i>Quercus agrifolia</i>	7.5			Poor	Good	Fair to Good		Yes		Yes	
173	Coast live oak	<i>Quercus agrifolia</i>	12.5			Good	Good	Fair to Good		Yes			
174	Coast live oak	<i>Quercus agrifolia</i>	11.5			Good	Good	Fair		Yes			
175	Coast live oak	<i>Quercus agrifolia</i>	9			Good	Good	Fair		Yes			
176	Coast live oak	<i>Quercus agrifolia</i>	10.5	9	7.5	Good	Good	Good		Yes			
177	Coast live oak	<i>Quercus agrifolia</i>	8.5	6		Good	Good	Fair to Good		Yes			
178	Coast live oak	<i>Quercus agrifolia</i>	11.5	6		Good	Good	Fair to Good		Yes			
179	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Good	Fair		Yes			
180	Coast live oak	<i>Quercus agrifolia</i>	9.5			Good	Good	Fair		Yes			
181	Coast live oak	<i>Quercus agrifolia</i>	14	9.5		Good	Good	Fair to Good		Yes			
182	Coast live oak	<i>Quercus agrifolia</i>	16	15	15	Good	Good	Fair to Good		Yes			
183	Coast live oak	<i>Quercus agrifolia</i>	16	15	15	Fair to Good	Fair to Good	Fair to Good		Yes			
184	Coast live oak	<i>Quercus agrifolia</i>	8	7	6.5	Good	Good	Fair to Good		Yes			
185	Coast live oak	<i>Quercus agrifolia</i>	9	7	7	Good	Good	Fair to Good		Yes			
186	Coast live oak	<i>Quercus agrifolia</i>	11.5			Fair to Good	Fair to Good	Fair to Good		Yes			
187	Coast live oak	<i>Quercus agrifolia</i>	10	8	7	Good	Good	Fair		Yes			
188	Coast live oak	<i>Quercus agrifolia</i>	10			Good	Good	Good	Diameter estimated due to poison oak	Yes			
189	Coast live oak	<i>Quercus agrifolia</i>	22	16	13	Good	Fair to Good	Good	Diameters estimated due to poison oak		Yes		
190	Coast live oak	<i>Quercus agrifolia</i>	15	14.5	8	Good	Good	Fair to Good		Yes			
191	Coast live oak	<i>Quercus agrifolia</i>	20	19.5	17	Fair	Fair	Poor			Yes		X
192	Coast live oak	<i>Quercus agrifolia</i>	12	8.5		Good	Fair	Fair	Asymmetric canopy to the east. To adjacent coast live oaks that are not on the survey.	Yes			
193	Coast live oak	<i>Quercus agrifolia</i>	7			Good	Good	Fair to Good		Yes			
194	Coast live oak	<i>Quercus agrifolia</i>	9			Good	Fair to Good	Fair to Good	Not tagged due to poison oak. Asymmetric to the east.	Yes			
195	California Bay	<i>Umbellularia californica</i>	10	10		Good	Good	Good	Not tagged due to poison oak	Yes			
196	Coast live oak	<i>Quercus agrifolia</i>	6.5			Good	Good	Good		Yes			
197	Coast live oak	<i>Quercus agrifolia</i>	10.5			Fair to Good	Poor to Fair	Poor	Growing out of the base of a dominant bay tree	Yes		Yes	X
198	California Bay	<i>Umbellularia californica</i>	19.5			Good	Good	Good		Yes			X

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
199	Coast live oak	<i>Quercus agrifolia</i>	8.5			Poor	Poor to Fair	Poor	Nearly dead. Fence post embedded in trunk.	Yes		Yes	X
200	Coast live oak	<i>Quercus agrifolia</i>	8			Fair to Good	Good	Fair to Good	J sweep and base. Leans into property.	Yes			X
201	Coast live oak	<i>Quercus agrifolia</i>	14.5			Good	Good	Good		Yes			X
202	Coast live oak	<i>Quercus agrifolia</i>	18	15.5		Good	Fair	Good	Very weak main union		Yes		X
203	Coast live oak	<i>Quercus agrifolia</i>	9	8	7.5	Good	Good	Good		Yes			
204	Coast live oak	<i>Quercus agrifolia</i>	7.5			Good	Fair to Good	Fair	Suppressed. Asymmetric	Yes			
205	Coast live oak	<i>Quercus agrifolia</i>	9	7.5	5	Good	Fair to Good	Good		Yes			
206	Coast live oak	<i>Quercus agrifolia</i>	16	12		Good	Fair to Good	Excellent	Diameter estimated due to poison oak	Yes			
207	Coast live oak	<i>Quercus agrifolia</i>	7.5	6	4.5	Poor to Fair	Fair	Fair		Yes		Yes	
208	Coast live oak	<i>Quercus agrifolia</i>	6.5	6.5		Good	Fair	Fair		Yes			
209	Coast live oak	<i>Quercus agrifolia</i>	8	7		Good	Fair to Good	Fair to Good		Yes			
210	Coast live oak	<i>Quercus agrifolia</i>	6.5			Good	Fair	Fair to Good		Yes			
211	Coast live oak	<i>Quercus agrifolia</i>	9	8.5		Good	Fair to Good	Good		Yes			
212	Coast live oak	<i>Quercus agrifolia</i>	8	7	6	Fair to Good	Fair	Good		Yes			
213	California Bay	<i>Umbellularia californica</i>	24	16	14	Good	Fair to Good	Good	Diameters estimated. Looks to be well off the property. Not tagged.	Yes			
214	Coast live oak	<i>Quercus agrifolia</i>	15	9		Good	Good	Fair	Strongly asymmetric away from larger dying tree	Yes			
215	Coast live oak	<i>Quercus agrifolia</i>	11			Good	Fair to Good	Good	Tagged but diameter estimated due to poison oak	Yes			
216	Coast live oak	<i>Quercus agrifolia</i>	10			Poor to Fair	Fair to Good	Poor	Tag on small branch due to poison oak. Diameter estimated	Yes		Yes	X
217	Coast live oak	<i>Quercus agrifolia</i>	11	9		Good	Good	Good	Inaccessible to tag or measure due to dense brush	Yes			
218A	Coast live oak	<i>Quercus agrifolia</i>	10.5	9	8.5	Good	Fair to Good	Good	Six trunks. Not surveyed.	Yes			
218B	Coast live oak	<i>Quercus agrifolia</i>	14	10	10	Good	Fair to Good	Good	Not tagged due to dense undergrowth. Many trunks.	Yes			
219	Coast live oak	<i>Quercus agrifolia</i>	17	12	12	Good	Fair to Good	Fair to Good	Many trunks arising from grade. Squat form.	Yes			
220	Coast live oak	<i>Quercus agrifolia</i>	8			Fair to Good	Excellent	Good		Yes			
221	California Bay	<i>Umbellularia californica</i>	11.5	10.5	9.5	Good	Fair to Good	Good		Yes			

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
222	California Bay	<i>Umbellularia californica</i>	11.5	10	9.5	Excellent	Fair to Good	Good		Yes			
223	California Bay	<i>Umbellularia californica</i>	13	12.5	12	Excellent	Good	Fair to Good		Yes			
224	California Bay	<i>Umbellularia californica</i>	12	8		Good	Fair to Good	Good		Yes			
225	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Fair	Fair	Fair	Several large hazardous branches are suspended in the canopy. Located off property. Could not measure the diameter.				
226	Blue Gum Eucalyptus	<i>Eucalyptus globulus</i>				Fair	Fair	Fair	Overextended branches. Spark canopy. No apparent history of maintenance. Located off property. Could not measure the diameter.				
227	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Fair to Good	Poor to Fair	Fair	Suppressed by adjacent trees. Located off property. Could not measure the diameter.			Yes	
228	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Fair	Poor to Fair	Poor	Two remaining living branches both extend over the subject property. Tree was topped. Located off property. Could not measure the diameter.			Yes	
229	Blue Gum Eucalyptus	<i>Eucalyptus globulus</i>				Fair to Good	Fair	Poor to Fair	Long, heavy, bowing limbs over the subject property. Located off property. Could not measure the diameter.				
230	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Fair to Good	Fair to Good	Fair	Located off property. Could not measure the diameter.				
231	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Fair to Good	Poor to Fair	Very Poor	Bows strongly over the subject property. Located off property. Could not measure the diameter.			Yes	
232	Blue Gum Eucalyptus	<i>Eucalyptus globulus</i>				Fair	Fair	Fair	Massive lower trunk with many codominant bars and significant die back. Long heavy branches over the subject property. Located off property. Could not measure the diameter.				

Tree Number	Species	Latin Name	Diameter Stem 1	Diameter Stem 2	Diameter Stem 3	Health	Structure	Form	Comments	Protected	Heritage	Exempt	Removal
233	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Good	Fair to Good	Fair	One of two trunks leans strongly over subject, property, and through fence. Located off property. Could not measure the diameter.				
234	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>	30			Good	Good	Good	Could not reach to tag. Located off property. Could not measure the diameter.				
235	Monterey Cypress	<i>Hesperocyparis</i>				Good	Fair to Good	Good	Could not reach to tag				
236	Monterey Cypress	<i>Hesperocyparis macrocarpa</i>				Good	Poor to Fair	Poor to Fair	Strongly asymmetrical over the subject property with a history of large branch failure. Located off property. Could not measure the diameter.			Yes	
237	Cork elm	<i>Ulmus tomasii</i>				Good	Fair to Good	Fair	Could not reach to tag. Located off property. Could not measure the diameter.				
238	California Bay	<i>Umbellularia californica</i>	13			Good	Fair	Fair	Diameter estimated due to poison oak. Strong asymmetry away from road. Old damage to lower trunk.	Yes			
239	Coast live oak	<i>Quercus agrifolia</i>	11			Good	Good	Good		Yes			
240	Coast live oak	<i>Quercus agrifolia</i>	8			Good	Fair	Fair		Yes			
241	Coast live oak	<i>Quercus agrifolia</i>	14			Fair to Good	Fair to Good	Fair to Good		Yes			
242	Coast live oak	<i>Quercus agrifolia</i>	12	11	10.5	Fair to Good	Fair	Poor to Fair	Four trunks growing out of a buried old stump. Have the appearance of four trees.	Yes			