

# Nigel Belton

## Consulting Arborist

AN ASSESSMENT OF THE MONTEREY PINE ON THE PROPERTY OF KIM RODRIGUEZ  
AT 722 ESCALONA DRIVE, CAPITOLA - CALIFORNIA

Prepared at the request of:  
Kim Rodriguez  
Secretary/Treasurer  
Bay Cities Paving and grading  
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Site visit by:  
Nigel Belton  
ISA Certified Arborist WE-0410A  
ISA Tree Risk Assessment Qualification  
April 11, 2023

Job – Kim Rodriguez – 5.23.23



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AN ASSESSMENT OF THE MONTEREY PINE ON THE PROPERTY OF KIM RODRIGUEZ  
AT 722 ESCALONA DRIVE, CAPITOLA - CALIFORNIA

**SUMMARY:**

I determined that the mature Monterey Pine next to the west boundary has a poor structural condition because of its strong lean and weight bias. This tree is vulnerable to falling and it has the potential to strike the buildings on the adjacent Monarch Cove Inn Property. I determined that this tree represents a high risk to life and property within the next two years.

I recommend that this tree be removed as soon as possible to abate all potential risks resulting from tree failure. There are no other effective mitigation options available in this situation. This tree qualifies as a Protected Tree within the City of Capitola and a permit is required before it can be removed. I recommend that two 15-gallon size trees be planted on the property as replacement mitigations.

**BACKGROUND:**

Kim Rodriguez asked me to assess the conditions of the trees at 722 Escalona Drive, Capitola. I observed that a mature Monterey Pine on her property has a poor structural condition and that it is vulnerable to falling onto the adjacent property. I recommended that this tree be removed as soon as possible.

Ms. Rodriguez asked me to prepare an arborist report on her behalf because this tree qualifies as a Protected Tree within the City of Capitola.

**ASSIGNMENT:**

1- Provide an assessment of the health and structural condition of the subject tree and take field notes and photographs. Undertake an ISA Level-Two assessment (A 360-degree visual inspection of the tree made from the ground).

2- Prepare an arborist report:

- Provide background information regarding the nature of the assignment.
- Provide observations concerning the tree's dimensions and its health and structural conditions.
- Provide determinations concerning the level of risk this tree represents within a prescribed time frame.
- Provide recommendations for the removal and replacement of this tree.

**LIMITATIONS:**

The inspection of this tree was made from the ground. The tree's crown was not accessed to examine its above ground structure, nor were its roots examined below the ground. The inspection of the tree was limited to a visual examination and did not entail any advanced testing of its internal structural condition.

**OBSERVATIONS:**

The Monterey Pine (*Pinus radiata*) is located next to the western boundary of the property.

This tree has a trunk that measures 40-inches diameter at 54-inches above ground and it is about 140-feet tall (measured with a device). The foliage condition exhibits poor health and it has poor vitality because it is declining, as a result of being overmature. The live crown ratio is approximately 20% (the percentage of the living crown relative to the tree's height).

This tree has a poor structural condition because of its strong lean and weight bias to the west. The buildings on the adjacent Monarch Cove Inn Property are located within the falling radius of this tall tree.



**DETERMINATIONS:**

I determined that this Monterey Pine is vulnerable to structural failure because of its heavy eight bias and its high crown, which is exposed to prevailing winds from the west. The tree will likely fall in storm conditions when the soil is saturated and root adherence is compromised. I utilized the ISA Basic Tree Risk Assessment Form to determine the level of risk this tree represents within a two-year time frame (See the attached Form).

- I determined the likelihood of this tree falling within the next two years to be possible.
- I determined that potential targets in the event of this tree failing include the accommodation buildings on the adjacent hotel property. This tree will fall in a westerly direction.
- I determined that the most significant of these targets qualify as having constant occupancy ratings.
- I determined that the consequences of this tree failing have the potential to be severe.
- I determined that there are no effective means available to reduce the risk of tree failure (such as pruning work or the installation of support systems).
- I concluded that this Monterey Cypress represents a high risk to surrounding life and property within the next two years.

**RECOMMENDATIONS:**

I recommend that this tree is removed expeditiously by a State Licensed Tree Service. This work is best undertaken with the aid of a crane if access is available. I recommend that the stump either be ground out or cut close to grade.

I recommend that two 15-gallon size trees be planted on the property as replacement mitigations.

The following trees are recommended for consideration as suitable trees for this purpose:

- Coast Live Oak (*Quercus agrifolia*)
- Arbutus Marina (*Arbutus marina*)
- Brisbane Box (*Lophostemon confertus*)

The replacement trees must be planted correctly and be supported by two lodgepole stakes with flexible tree ties. These trees must be irrigated for five years to become successfully established.

Please contact me if you have any questions.

Respectfully submitted,



Nigel Belton

Attachments:

- Assumptions & Limiting Conditions
- Tree Location Map
- ISA Basic Tree Risk Assessment Form

### **Assumptions and limiting Conditions**

1. Any legal description given by the appraiser/consultant is assumed to be correct. No responsibility is assumed for matters legal in character nor is any opinion rendered as to the quality of any title.
2. The appraiser /consultant can neither guarantee nor be responsible for accuracy of information provided by others.
3. The appraiser/consultant shall not be required to give testimony or to attend court by reason of this appraisal unless subsequent written arrangements are made, including payment of an additional fee for services.
4. Loss or removal of any part of this report invalidates the entire appraisal/evaluation.
5. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person(s) to whom it is addressed without written consent of the appraiser/consultant.
6. This report and the values expressed herein represent the opinion of the appraiser/consultant, and the appraiser's/consultant's fee is in no way contingent upon the reporting of a specified value nor upon any finding to be reported.
7. Sketches, diagrams, graphs, photos, etc in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering reports or surveys.
8. This report has been made in conformity with acceptable appraisal/evaluation/diagnostic reporting techniques and procedures, as recommended by the International Society of Arboriculture.
9. When applying any pesticide, fungicide, or herbicide, always follow label instructions.
10. No tree described in this report was climbed, unless otherwise stated. We cannot take responsibility for any defects which only could have been discovered by climbing. A full root collar inspection, consisting of excavating the soil around the tree to uncover the root collar and major buttress roots was not performed, unless otherwise stated. We cannot take responsibility for any root defects which could only have been discovered by such an inspection.

### **Consulting Arborist Disclosure Statement**

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within the trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like medicine, cannot be guaranteed.

Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate all trees.

Nigel Belton  
ISA Certified Arborist – WE 410A

TREE LOCATION MAP:  
722 ESCALONA DRIVE  
CAPITOLA, CA 95010

Site visit by;  
Nigel Belton - Consulting Arborist  
April 11, 2023

Subject Tree:  
40-inch DBH Monterey Pine

722 Escalona Dr

Monarch Cove Inn

Escalona C

Salto Dr

Google Earth



200 ft

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

#	SPECIES:	TRUNK DIAMETERS @ 54" ABOVE NATURAL GRADE	APPROXIMATE HEIGHT (FEET)	HEALTH & VITALITY	STRUCTURAL CONDITION	SUITABLE FOR PRESERVATION (Based on tree's condition ratings)	UNSUITABLE FOR PRESERVATION (Based on tree's condition ratings)	RECOMMENDED FOR PRESERVATION AND MAINTENANCE WORK	RECOMMENDED FOR REMOVAL BECAUSE OF POOR CONDITION RATING	RECOMMENDED FOR REMOVAL TO REDUCE WILDFIRE RISK	RECOMMENDED FOR REMOVAL TO ABATE POTENTIAL HAZARDS	RECOMMENDED FOR REMOVAL TO PREVENT PROPERTY DAMAGE	COMMENTS:
1	Blue Gum Eucalyptus ( <i>Eucalyptus globulus</i> )	31	60	Good	Good	X	-	X	-	-	-	-	Located next to the drainage and the Coastal bluff.
2	Blue Gum Eucalyptus	19	50	Good	Good	X	-	X	-	-	-	-	-
3	Blue Gum Eucalyptus	23	75	Good	Good	X	-	X	-	-	-	-	Located next to the drainage.
4	Blue Gum Eucalyptus	51	100	Good	Fair	X	-	X	-	-	-	-	Observed a heavy southeast facing limb structure.
5	Blue Gum Eucalyptus	29	80	Good	Good	X	-	X	-	-	-	-	-
6	Blue Gum Eucalyptus	7	25	Good	Good	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
7	Blue Gum Eucalyptus	35	80	Good	Fair	X	-	X	-	-	-	-	Located next to the drainage. The trunk leans moderately to the east, towards the neighbor's house.
8	Blue Gum Eucalyptus	29/24	120	Good	Fair	X	-	X	-	-	-	-	Observed a codominant growth pattern at ground level (two codominant stems).
9	Blue Gum Eucalyptus	35	90	Good	Fair	X	-	X	-	-	-	-	Located next to the drainage. The trunk leans moderately to the east, towards the neighbor's house. Observed large dead branches in its crown.
10	Blue Gum Eucalyptus	8	30	Good	Fair	X	-	-	-	X	-	-	Located next to the drainage. This small tree's crown is suppressed by adjacent trees.

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

SHEET 2 OF 11.													
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11	Blue Gum Eucalyptus	17	70	Good	Good	X	-	X	-	-	-	-	Located next to the drainage. The trunk leans lightly to the east.
12	Blue Gum Eucalyptus	24	80	Good	Good	X	-	X	-	-	-	-	Located next to the drainage. The trunk leans lightly to the east.
13	Blue Gum Eucalyptus	23	110	Good	Fair	X	-	X	-	-	-	-	Located next to the drainage. The trunk leans moderately to the east, towards the neighbor's house. Observed large dead branches in its crown.
14	Blue Gum Eucalyptus	11	70	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
15	Blue Gum Eucalyptus	17	100	Good	Fair	X	-	X	-	-	-	-	-
16	Blue Gum Eucalyptus	30	125	Good	Poor	-	-	X	-	-	-	-	Observed a lean west towards the back patio behind the Rodriguez residence. I recommend weight reduction pruning in the west side of the crown of this tree.
17	Blue Gum Eucalyptus	39	150	Good	Good	X	-	X	-	-	-	-	-
18	Blue Gum Euc.	26	100	Good	Good	X	-	X	-	-	-	-	-
19	Blue Gum Euc.	12/23	90	Good	Fair	X	-	X	-	-	-	-	Observed a codominant structure at ground level.
20	Blue Gum Eucalyptus	13	70	Fair	Poor	-	-	-	-	-	-	-	Crown suppressed by adjacent trees. Prune to remove its dead top.
21	Blue Gum Eucalyptus	14	60	Good	Fair	X	-	-	-	X	-	-	Located next to the drainage. Crown suppressed by adjacent trees. The top of this tree orientates northeast.



TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

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22	Blue Gum Eucalyptus	10	30	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
23	Blue Gum Eucalyptus	11	35	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees. The top orientates east.
24	Blue Gum Eucalyptus	7	35	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
25	Blue Gum Eucalyptus	36	130	Good	Good	X	-	X	-	-	-	-	Observed a light lean northeast.
26	Blue Gum Eucalyptus	9	35	Good	Good	X	-	-	-	X	-	-	Located next to the drainage.
27	Blue Gum Eucalyptus	15	60	Good	Good	X	-	X	-	-	-	-	-
28	Blue Gum Eucalyptus	27	100	Good	Fair	X	-	X	-	-	-	-	Observed large dead branches in its crown.
29	Coast Live Oak ( <i>Quercus agrifolia</i> )	10	30	Good	Fair	X	-	X	-	-	-	-	Located next to the drainage.
30	Blue Gum Eucalyptus	19	75	Good	Fair	X	-	X	-	-	-	-	The top orientates east.
31	Blue Gum Eucalyptus	39	170	Good	Good	X	-	X	-	-	-	-	A very tall tree.
32	Blue Gum Eucalyptus	7	25	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
33	Blue Gum Eucalyptus	23	80	Fair	Fair	X	-	X	-	-	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.

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34	Blue Gum Eucalyptus	15	75	Good	Fair	X	-	X	-	-	-	-	Observed large dead branches in the crown of this tree.
35	Blue Gum Eucalyptus	19	40	Fair	Fair	X	-	X	-	-	-	-	The tree's crown is suppressed by adjacent trees. Observed large dead branches in the crown of this tree.
36	Blue Gum Eucalyptus	13	50	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees. Observed large dead branches in the crown of this tree.
36A	Blue Gum Eucalyptus	26	90	Good	Poor	-	-	X	-	-	-	-	No tag. Located in the drainage. The roots around the stump have been exposed by erosion.
37	Blue Gum Eucalyptus	12	50	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
38	Blue Gum Eucalyptus	6	25	Fair	Fair	X	-	-	-	X	-	-	Located next to the drainage. The tree's crown is suppressed by adjacent trees.
39	Blue Gum Eucalyptus	18	100	Good	Good	X	-	X	-	-	-	-	-
40	Blue Gum Eucalyptus	6	35	Poor	Fair	-	X	-	X	X	-	-	The tree's crown is suppressed by adjacent trees.
41	Blue Gum Eucalyptus	7	30	Good	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
42	Blue Gum Eucalyptus	13	70	Good	Good	X	-	X	-	-	-	-	-
43	Blue Gum Eucalyptus	6/15	75	Fair	Fair	X	-	X	-	-	-	-	Observed a codominant growth pattern at ground level.

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44	Blue Gum Eucalyptus	7	40	Poor	Fair	-	X	-	X	X	-	-	The tree's crown is suppressed by adjacent trees and by ivy growth.
45	Blue Gum Eucalyptus	12	80	Good	Good	X	-	-	-	X	-	-	Next to the drainage. Observed erosion near the trunk.
46	Coast Live Oak	23	30	Good	Fair	X	-	X	-	-	-	-	-
47	Coast Live Oak	6/11	20	Good	Good	X	-	X	-	-	-	-	-
48	Coast Live Oak	13	20	Good	Fair	X	-	X	-	-	-	-	-
49	Blue Gum Eucalyptus	16	90	Good	Good	X	-	X	-	-	-	-	Located at the top of the steep bank above the drainage.
50	Blue Gum Eucalyptus	26	120	Good	Good	X	-	X	-	-	-	-	-
51	Blue Gum Eucalyptus	9	50	Good	Fair	X	-	X	-	-	-	-	Located at the top of the steep bank above the drainage.
52	Blue Gum Eucalyptus	8	20	Poor	Fair	-	X	X	-	-	-	-	Observed that this tree is almost dead.
53	Blue Gum Eucalyptus	11	50	Good	Good	X	-	X	-	-	-	-	Located next to the front gate post.
54	Blue Gum Eucalyptus	16	110	Good	Good	X	-	X	-	-	-	-	Located next to the front gate post.
55	Blue Gum Eucalyptus	12	75	Good	Good	X	-	-	-	X	-	X	In contact with the fence.
56	Blue Gum Eucalyptus	9	40	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.

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57	Blue Gum Eucalyptus	10	30	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
58	Blue Gum Eucalyptus	12	55	Fair	Fair	X	-	-	-	X	-	X	Located in close proximity to the fence.
59	Blue Gum Eucalyptus	23	130	Fair	Fair	X	-	X	-	-	-	-	Observed large dead wood in the crown of this tree. Recommend pruning to improve its structural condition.
60	Blue Gum Eucalyptus	6.5	35	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
61	Blue Gum Eucalyptus	9	50	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
62	Blue Gum Eucalyptus	9	45	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
63	Blue Gum Eucalyptus	26	175	Good	Fair	X	-	X	-	-	-	-	A very tall tree.
64	Blue Gum Eucalyptus	6	40	Poor	Poor	-	X	-	X	X	-	-	The tree's crown is suppressed by adjacent trees.
65	Blue Gum Eucalyptus	31	160	Good	Fair	X	-	X	-	-	-	-	A very tall tree.
66	Blue Gum Eucalyptus	9	50	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
67	Blue Gum Eucalyptus	12	50	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
68	Blue Gum Eucalyptus	15	75	Fair	Fair	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

	SHEET 7 OF 11.												
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69	Blue Gum Eucalyptus	7.5	25	Fair	Poor	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
70	Blue Gum Eucalyptus	7	25	Fair	Poor	X	-	-	-	X	-	-	The tree's crown is suppressed by adjacent trees.
71	Blue Gum Eucalyptus	28	150	Good	Fair	X	-	X	-	-	-	-	Observed large dead wood in the crown of this tree.
72	Blue Gum Eucalyptus	38	175	Good	Fair	X	-	X	-	-	-	-	Observed large dead wood in the crown of this tree.
73	Blue Gum Eucalyptus	15	90	Poor	Poor	-	X	-	X	-	-	X	Located in a cutout in the retaining wall.
74	Monterey Cypress ( <i>Hesperocyparis macrocarpa</i> )	25.5	45	Good	Good	X	-	X	-	-	-	-	Located near the coastal bluff.
75	Monterey Cypress	24	50	Good	Fair	X	-	X	-	-	-	-	Observed an unbalanced crown shape.
76	Red Ironbark ( <i>Eucalyptus sideroxylon</i> )	14.5	35	Good	Poor	-	-	X	-	-	-	-	Observed a wound on the trunk at 12-feet above ground where a codominant stem had failed. This tree has an unbalanced crown shape. Suppressed by adjacent trees.
77	Coast Live Oak	6.5/6/7.5/6	20	Good	Poor	X	-	X	-	-	-	-	Observed a codominant growth pattern consisting of multiple stems attached to the stump.
78	Blue Gum Eucalyptus	20.5	100	Good	Good	X	-	X	-	-	-	-	-
79	Blue Gum Eucalyptus	22	100	Good	Good	X	-	X	-	-	-	-	-

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

SHEET 8 OF 11.													
#	SPECIES:	TRUNK DIAMETERS @ 54" ABOVE NATURAL GRADE	APPROXIMATE HEIGHT (FEET)	HEALTH & VITALITY	STRUCTURAL CONDITION	SUITABLE FOR PRESERVATION (Based on tree's condition ratings)	UNSUITABLE FOR PRESERVATION (Based on tree's condition ratings)	RECOMMENDED FOR PRESERVATION AND MAINTENANCE WORK	R RECOMMENDED FOR REMOVAL BECAUSE OF POOR CONDITION RATING	RECOMMENDED FOR REMOVAL TO REDUCE WILDFIRE RISK	RECOMMENDED FOR REMOVAL TO ABATE POTENTIAL HAZARDS	RECOMMENDED FOR REMOVAL TO PREVENT PROPERTY DAMAGE	COMMENTS:
80	Blue Gum Eucalyptus	73	175	Good	Poor	-	X	-	-	-	X	-	An edge tree that is exposed to strong winds. I observed a codominant growth pattern at 54-inches above ground. The area of attachment between the two codominant stems is defective. One large stem leans towards the cottage and the back of the patio. I recommend that this large tree be removed because the consequences of this tree falling have the potential to be severe if it strikes the house.
81	Blue Gum Eucalyptus	19	100	Good	Good	X	-	X	-	-	-	-	An edge tree that is exposed to strong winds. Recommend that this tree be pruned to improve its structure.
82	Blue Gum Eucalyptus	19	110	Good	Fair	X	-	X	-	-	-	-	The trunk is located next to Tree #80. I recommend that this tree be preserved and be pruned to improve its structure.
83	Blue Gum Eucalyptus	23	90	Good	Poor	-	X	X	-	-	-	-	The upper crown of this tree leans out over the cottage and towards the back patio area. I recommend that this tree be pruned to improve its structure.
84	Blue Gum Eucalyptus	16.5	75	Fair	Fair	X	-	X	-	-	-	-	The tree's crown is suppressed by adjacent trees. I recommend that this tree be preserved and be pruned to improve its structure.
85	Blue Gum Eucalyptus	41.5	150	Good	Fair	X	-	X	-	-	-	-	I observed large dead branches in the crown of this tree. Recommend that tree be pruned to improve its structure.
86	Monterey Cypress	8.5	50	Good	Fair	X	-	X	-	-	-	-	-
87	Monterey Pine ( <i>Pinus radiata</i> )	40	140	Poor	Poor	-	X	-	X	-	X	-	<b>This tree was recently removed because of its hazardous condition (See the arborist report dated 5/23/23).</b>

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

#	SPECIES:	TRUNK DIAMETERS @ 54" ABOVE NATURAL GRADE	APPROXIMATE HEIGHT (FEET)	HEALTH & VITALITY	STRUCTURAL CONDITION	SUITABLE FOR PRESERVATION (Based on tree's condition ratings)	UNSUITABLE FOR PRESERVATION (Based on tree's condition ratings)	RECOMMENDED FOR PRESERVATION AND MAINTENANCE WORK	RECOMMENDED FOR REMOVAL BECAUSE OF POOR CONDITION RATING	RECOMMENDED FOR REMOVAL TO REDUCE WILDFIRE RISK	RECOMMENDED FOR REMOVAL TO ABATE POTENTIAL HAZARDS	RECOMMENDED FOR REMOVAL TO PREVENT PROPERTY DAMAGE	COMMENTS:
88	Blue Gum Eucalyptus	13	75	Good	Fair	X	-	X	-	-	-	-	Damaging the adjacent fence.
89	Blue Gum Eucalyptus	33.5	150	Good	Fair	X	-	-	-	-	X	-	I recommend the removal of this tree because of its close proximity to the house. The consequences of it falling have the potential to be severe if it strikes the house.
90	Blue Gum Eucalyptus	44	170	Good	Good	X	-	-	-	-	X	-	A very tall tree with a high crown. I recommend the removal of this tree because of its close proximity to the house. The consequences of it falling have the potential to be severe if it strikes the house.
91	Blue Gum Eucalyptus	73	190	Good	Fair	X	-	X	-	-	-	-	The trunk transects the west boundary line. A very tall tree. Observed large dead branches in its crown.
92	Blue Gum Eucalyptus	17.5	70	Good	Fair	X	-	X	-	-	-	-	Observed a bow in the trunk at about halfway up. The top leans east. I recommend that the top of the tree is reduced in height (back to the bow in the trunk).
93	Blue Gum Eucalyptus	22	120	Good	Fair	X	-	X	-	-	-	-	Observed large dead branches in the crown of this tree.
94	Blue Gum Eucalyptus	20.5	80	Good	Fair	X	-	X	-	-	-	-	Observed large dead branches in the crown of this tree.
95	Blue Gum Eucalyptus	19	90	Good	Fair	X	-	X	-	-	-	-	-
96	Blue Gum Eucalyptus	13	60	Good	Fair	X	-	X	-	-	-	-	-
97	Blue Gum Eucalyptus	37.5	120	Good	Fair	X	-	-	-	-	-	X	Located at the edge of the driveway. This tree's roots are damaging the driveway at this time.

TREE RESOURCE ANALYSIS & MAINTENANCE MATRIX – 722 ESCALONA DRIVE, CAPITOLA, CA 95010 (Revised on 11.15.2023)

	SHEET 10 OF 11.												
#	SPECIES:	TRUNK DIAMETERS @ 54" ABOVE NATURAL GRADE	APPROXIMATE HEIGHT (FEET)	HEALTH & VITALITY	STRUCTURAL CONDITION	SUITABLE FOR PRESERVATION (Based on tree's condition ratings)	UNSUITABLE FOR PRESERVATION (Based on tree's condition ratings)	RECOMMENDED FOR PRESERVATION AND MAINTENANCE WORK	RECOMMENDED FOR REMOVAL BECAUSE OF POOR CONDITION RATING	RECOMMENDED FOR REMOVAL TO REDUCE WILDFIRE RISK	RECOMMENDED FOR REMOVAL TO ABATE POTENTIAL HAZARDS	RECOMMENDED FOR REMOVAL TO PREVENT PROPERTY DAMAGE	COMMENTS:
98	Blue Gum Eucalyptus	13	90	Good	Good	X	-	X	-	-		-	-
99	Blue Gum Eucalyptus	85.5	175	Good	Fair	X	-	X	-	-	-	-	Note - Located on the adjacent property next to the front gate. A very tall tree. Observed damage to the adjacent driveway and gate pillar. This tree has a codominant growth pattern consisting of large three stems and it has a heavy branch structure. Observed large dead branches in the crown of this tree. Structural pruning work is recommended.
100	Blue Gum Eucalyptus	12.5	70	Good	Good	X	-	X	-	-	-	-	Note – Located on the adjacent property.
101	Blue Gum Eucalyptus	12.5	40	Fair	Fair	X	-	X	-	-	-	-	Note – Located on the adjacent property. This tree is located in close proximity to Tree #102.
102	Blue Gum Eucalyptus	57	150	Good	Poor	X	-	X	-	-	-	-	Note – Located on the adjacent property. This large tree has a codominant growth pattern, and it has a heavy branch structure. Observed large dead branches in the crown of this tree. Structural pruning work is recommended.
103	Coast Live Oak	13	20	Good	Fair	X	-	X	-	-	-	-	Note – Located on the adjacent property.
104	Blue Gum Eucalyptus	60	175	Good	Fair	X	-	X	-	-	-	-	Note – Located on the adjacent property. A very tall tree which leans east, away from the Rodriguez residence. Structural pruning work is recommended.



**MATRIX SUMMARY**

*SHEET 11 OF 11.*

103 OF THE TREES THAT WERE ORIGINALLY SURVEYED FOR THIS REPORT ARE EXISTING AT THIS TIME (THE PINE IDENTIFIED AS TREE #87 HAS SINCE BEEN REMOVED).

69 OF THESE TREES ARE RECOMMENDED FOR PRESERVATION. I RECOMMEND THAT MANY OF THESE TREES BE PRUNED TO REMOVE LARGER DEAD BRANCHES, REMOVE DAMAGED AND CROSSING BRANCHES, AND TO REDUCE THE WEIGHT IN THE ENDS OF OVEREXTENDED BRANCHES, WHERE NEEDED. THESE ACTIONS ARE INTENDED TO REDUCE THE POTENTIAL FOR TREE FAILURES AND WILL ALSO SERVE TO REDUCE POTENTIAL FIRE RISKS.

29 CROWDED TREES ARE RECOMMENDED FOR REMOVAL TO REDUCE POTENTIAL WILDFIRE RISKS.

3 TREES ARE RECOMMENDED FOR REMOVAL TO ABATE POTENTIAL HAZARDS CONCERNING THE PROXIMITY OF THE HOUSE (TREES #80, #89 & #90).

2 TREES ARE RECOMMENDED FOR REMOVAL TO PREVENT PROPERTY DAMAGE (TREES #73 & #97).