

Nigel Belton

Consulting Arborist

February 21, 2024

Kim Rodriguez
Bay Cities Paving
1450 Civic Court, Suite 400
Concord, CA 94520
krodriguez@baycities.com

Subject – The second addendum to the Arborist report Dated November 15, 2023. Concerning the eight Blue Gum Eucalyptus Trees at 722 Escalona Drive, Capitola, which fell during the storm on February 4, 2024. Site visits undertaken on February 7 & February 21, 2024:

Dear Mr. and Mrs. Rodriguez,

Please find this report concerning the eight Blue Gum Eucalyptus Trees (*Eucalyptus globulus*) that fell during the storm on February 4th of this year.

Five of the eight fallen trees fell in a westerly direction across the driveway, resulting in damage to the steel property fence and the adjacent retaining wall.

The four trees on the Rodriguez Property that fell across the driveway are identified as follows:

- Tree #39 – 18-inch DBH Blue Gum Eucalyptus
- Tree #63 – 26-inch DBH Blue Gum Eucalyptus
- Tree #65 – 31-inch DBH Blue Gum Eucalyptus
- Tree #66 – 9-inch DBH Blue Gum Eucalyptus

The other tree fell across the driveway on the Rodriguez Property, fell from the adjacent State Park Property to the east (This tree was a large specimen).

The three trees that fell above the driveway are identified as follows:

- Tree #94 – 20.5-inch DBH Blue Gum Eucalyptus
- Tree #95 – 19-inch DBH Blue Gum Eucalyptus
- Tree #96 – 13-inch DBH Blue gum Eucalyptus

I determined that the large eucalyptus tree located on the State Park Property likely fell first, and that it struck the other downed trees (A domino effect). These failures were predisposed by the saturated soil conditions and strong wind forces at that time, which compromised root adherence in the ground.

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Photographs of the trees that fell on February 4th 2024:



Looking west from the State Park Property.



Looking east from the Rodriguez's driveway.

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Photographs of the site taken on 2/21/24:



The Remnant stumps of Trees #39, #63, #65 & #66, looking from the driveway.

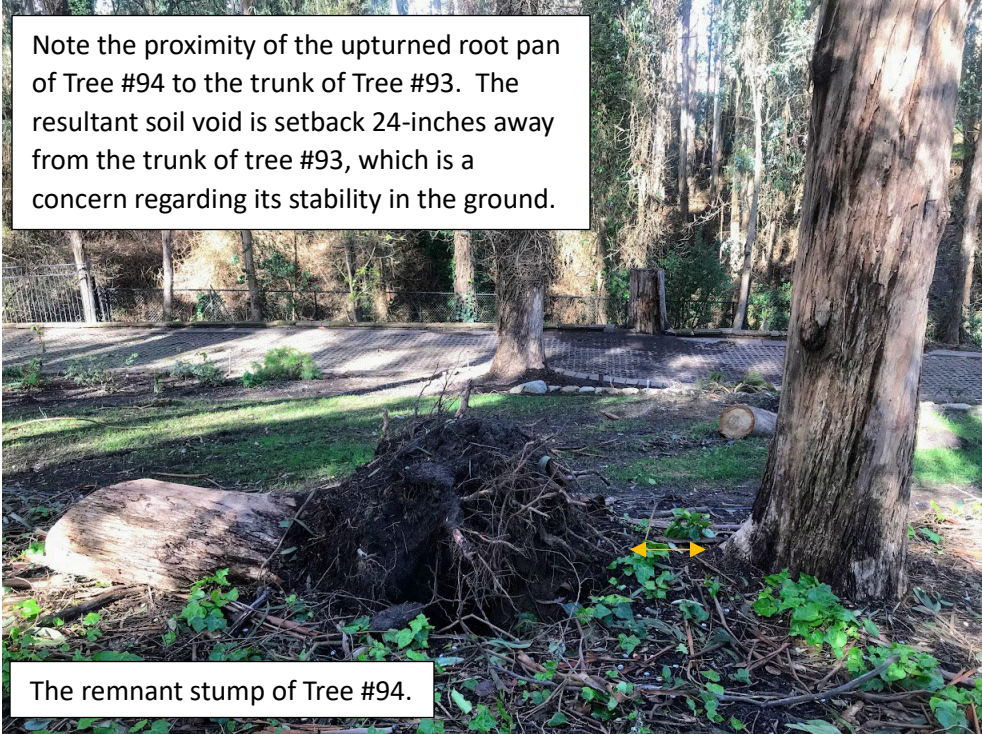


The remnant stump of Tree #96.

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The remnant stump of Tree #95.



Note the proximity of the upturned root pan of Tree #94 to the trunk of Tree #93. The resultant soil void is setback 24-inches away from the trunk of tree #93, which is a concern regarding its stability in the ground.

The remnant stump of Tree #94.

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The view of the damaged retaining wall at the edge of the driveway.

I recommend that Tree #93 (22-inch DBH Blue Gum Eucalyptus) be removed expeditiously because of the proximity of the soil void that resulted from the failure of Tree #94. This void is setback 24-inches from the trunk of Tree #93, and I determined that this area of soil disturbance has resulted in it being potentially unstable in the ground. I recommend that you request that the city provide an emergency tree removal authorization/permit in this regard because of the potential for additional property damage when it falls.

Please contact me if you have any questions pertaining to this report.

Respectfully submitted,



Nigel Belton

Attachment – Tree Location Map – 722 Escalona Drive