



805-962-5665
Licensed & Insured
#713730

- TREE WORK
- STUMP GRINDING
- CHIPPING
- LANDSCAPE MAINTANENCE
- TRACTOR WORK
- LAND CLEAR
- DEMOLITION

Terry Peterson 805-896-2427
Becky Mitchell 805-896-2428

Monday, February 18, 2019

West Campus Point HOA

Attn: Deborah

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Tree risk analysis for West Campus Point

On February 14th, 2019 I was contacted by Sandy Diehl, of Coast Community Property Management. Sandy asked me to inspect the trees at West Campus Point. She was concerned because a large Eucalyptus Tree had fallen on the east property line and she was afraid that other trees in the grove may be at risk root failure. She asked me to identify the trees that were most likely to fall.

I performed a level two tree risk inspection with the help of David Foehl. A level two tree risk inspection is a 360-degree visual evaluation of the crown, trunk, trunk flare, above ground roots and site conditions in regard to nearby targets.

General site conditions-

The grove of Eucalyptus trees extends down the length of the East property line to the beach. It is populated by Eucalyptus Globulous, Cladocalx and Citriodora. The trees are approximately 80 years old. Eucalyptus trees, in general, become less safe after they are 80 years old. They are approximately 75 feet in height. The east side of the Grove has not been pruned in approximately 5 years. Judging by the stumps and gaps in the grove, there have been other tree root failures in the past.

Nearby Targets include: the buildings, cars, pedestrians, high voltage lines, Tierra de Fortuna Park and bicyclists.

The criteria I used while inspecting the trees was: amount of lean of the tree, general health of the tree, condition of the bark, roots and base of the tree and presence of mushrooms and fungi in the tree.

While inspecting the fallen tree I noticed a dense fungus in the base of the tree and a very limited root system. The main stem of the tree was rotten from the inside out, indicating conical root rot. I suspect that other trees in the grove are suffering from the same disease.

I identified and numbered 11 trees in the grove that have an unreasonable risk of failure. I marked these trees with a metal plate and two white dots. I also identified the trees that require pruning with a white "T". I marked the trees that are in need of further evaluation with one dot. Some of these trees may need to be removed in the future.



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Tree removal evaluation:

Tree number one- 15 degree lean towards the parking lot. Un-healed large wound approximately 20 feet from the base of the tree with discoloration below the wound.

Tree number two- 25 degree lean towards the South. Curb is breaking on the north side of the tree that may indicate root movement and soil heaving.

Tree number three- 20 degree lean towards Tierra de Fortuna Park. Presence of white fungus at the base of the tree.

Trees number four and five- tree number five has fallen into, and is being supported by tree number four.

Trees number six and seven- these trees are very close to the fallen tree and the root systems have been compromised. If water accumulates in the area these trees will be susceptible to root failure.

Tree number eight- multi leader tree with included bark indicating poor branch attachment.

Tree number nine- 20 degree lean. Root rot at the base of this tree.

Tree number ten- 30 degree lean. Root rot at the base of this tree.

Tree number eleven- multiple stump sprouts extending over parked cars. Sprouts are more likely to fail.

All trees can be considered dangerous especially in severe weather situations. This group should be inspected annually to help decrease the risk of damage and injuries due to stem and root failure.

Dave Holien, Board Certified Master Arborist
Tree risk analysis qualified



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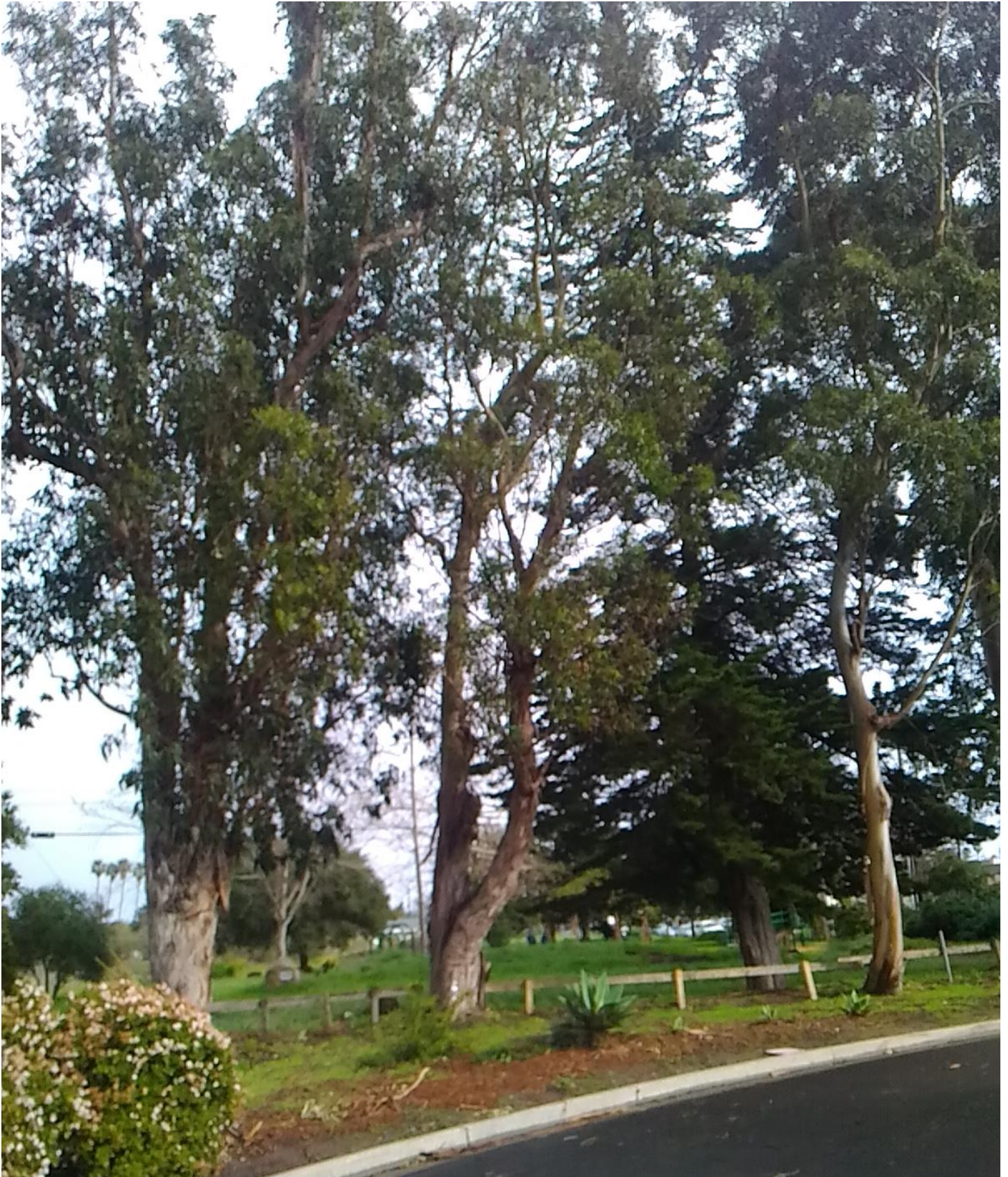




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