

Duke McPherson, Arborist

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Douglas White

8128 Puesta del Sol

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Arborist Report

I am writing this short arborist report to respond to the owner at 8128 Puesta del Sol, Carpinteria, CA, Douglas White who requested that I address a particular issue on his eastern property line. I had prepared an earlier report dated May 1, 2018 which was concerned with proposed excavation work on the same eastern property. Both reports deal with the concern of possible impact these construction projects may have or had on his mature Monterey Cypress, *Hesperocyparis macrocarpa*. Specifically, the severing of absorptive roots is the issue in both instances. In the present case, the fence bordering the properties is to be completely replaced including the support posts.

The root environment the trees are growing in along this section of the coast is of a sandy nature and is generally a partially impoverished medium, that is, lacking in nutrients. Tree roots are forced to travel further than in nutrient rich soil such as is found in loamy or clay types. As a result, much of the absorptive roots of the mature Cypress trees on Mr. White's property can be found in neighboring soil environments.

I quote from my May 1, 2018 report:

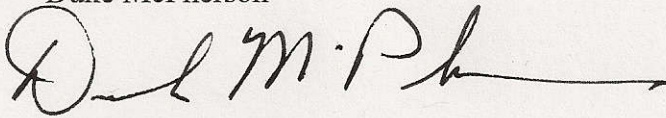
"The owner has witnessed tree failure due to the lack of tree protection on various construction sites in the Rincon community in the past. He is particularly aware that if special consideration is not given to the prevention of root cutting during the auguring of holes within their root zones, tree health may be threatened".

In the present instance, equipment may be brought in to wrench out the existing fence posts in preparation for replacement an operation which could threaten root health. We recommend manual removal only to maximally protect the root systems spreading into that property.

The trees are especially valued, in addition to their aesthetic qualities and many practical functions, as refuge for birds and other animals in the Ecologically Sensitive Habitat in which they are found. All effort should be made to preserve their health.

Report prepared by:

Duke McPherson

A handwritten signature in black ink, appearing to read 'Duke McPherson', with a long horizontal flourish extending to the right.

Certified Arborist with the
International Society of Arboriculture
Certification # WE-0690A