



GIANELLI Co.

CERTIFIED CONSULTING ARBORISTS

March 9, 2016

Gary Mariani
Mariani Construction Company
[REDACTED]
[REDACTED]

Dear Mr. Mariani:

In regards to your request for an arborist report concerning two Oak trees at 1421 N. Hunter St., Stockton, CA. These are my observations: (1417)

The subject trees are two Heritage Valley Oaks, Quercus lobata, and shall be discussed individually.

Tree #1:

This tree has a diameter at breast height of 50 inches with a height of 70 feet and is somewhat one-sided and mostly overhangs the one story building. The spread is about 50 feet in length with at least 6 lateral branches each about 10-12 inches in diameter. The live crown ratio is 90%. The tree is in good physiological health but has had no maintenance care (trimming) for years. The existing canopy must be severely reduced to make the tree as safe as possible. The extended lateral branches must be cut back and some of them removed.

Tree #2:

This tree has a corrected lean of 35 degrees with a diameter at breast height of 28 inches. It is approximately 65 feet in height with a spread of 30 feet. The live crown ratio is 80%. This tree is also in good health but has been neglected for years and is a potential problem concerning utility lines. This tree to a much lesser degree than tree #1 could impact the building if it or parts of it failed. It could be a problem to the utility lines that are in the proximity of the tree. A plan to implement periodic maintenance must be put in place to prevent damage to the building or utilities.

Conclusion:

It is obvious that in the case of tree #1, removal of the tree would eliminate all danger to the building or its occupants. Severe crown reduction would reduce the threat to

Tree Assessment
Mariani Construction Company
March 9, 2016
Page 2

life and property. However, an ongoing program of periodic maintenance trimming must be carried out over time to minimize (not eliminate) the potential for limb failure. This effort will make the tree "safer" with the understanding that there is no large tree that is safe.

Concerning tree #2, if proper measures such as crown reduction and crown thinning are used to correct the existing threats to the structure or utilities, I would not advise removal. Any reconstructive work or removal relative to the trees must be done by a professional arborist who is licensed and insured.

Gianelli Co. uses their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of the trees and attempt to reduce the risk of living near trees. Gianelli Co. cannot detect every condition that could possibly lead to the structural failure of a tree. Since trees are living organisms, conditions are often hidden within the tree and below ground. Gianelli Co. cannot guarantee that a tree will be healthy and/or safe under all circumstances or for a specific period of time.

Sincerely,


Jack B. Gianelli
Certified Consulting Arborist

JBG:bg