

# Exhibit E

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Professional Consulting Services***

October 11, 2019

**County of Monterey RMA**

Attention: Son Pham-Gallardo

[Pham-gallardos@co.monterey.ca.us](mailto:Pham-gallardos@co.monterey.ca.us)

Project: Santa Lucia Preserve lot E24/Hoekstra

Phase: Tree Replacement Plan



In April of this year I completed a Construction Impact Analysis for a residential development project proposed for lot E24 of the Santa Lucia Preserve, the Hoekstra residence.

I concluded that 36 protected trees would require removal to develop the site as proposed. Using the replacement tree standards required for the Santa Lucia Preserve the total tree replacement is 116 coast live oak trees.

The property is densely forested with steep slopes to the north, south and west. The long driveway that accesses the site is vegetated up to the pavement edges with French broom and other shrubby plant material.

Due to these conditions, planting new trees, especially such a large number may not be possible within the property boundaries. Young planted oaks need space for development and access to sunlight. In addition, the fuel management plan (Carol Rice 2/18/19) recommends the removal of one third of the small oaks growing within 200 feet of the development. This further limits the space available for the installation of replacement trees.

The fuel management plan recommends clearing along the driveway 30 feet on either side of the existing pavement. The map, shown on page 12 of the report defines the treatment area. Since part of the roadside is French broom and other shrub type plants once cleared it may be appropriate for planting small replacement trees.

I have inspected the potential planting area and determined that 16 replacement trees can be installed approximately 30 feet from the edge of the asphalt along the driveway access. This will not interfere with the fuel management requirements. The trees will be of seedling and sapling sizes and will be protected from wildlife browsing with protective cages. The trees will be installed after the implementation of the fuel management plan and prior to the onset of winter rains.

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I have met with the staff of the Santa Lucia Conservancy to request their input on additional areas where trees could be installed within the Conservation easement areas. They have offered to accept 100 replacement native oaks (seedlings and saplings) in an area that will be restored to oak woodland. The planting area is off Chamisal Pass, the closest address is 88 Chamisal Pass.

Although the majority of the trees will be planted offsite the percentage of long term success for the trees is much improved due to the available area for development and exposure to sunlight.

Please call my office with any questions regarding the replacement tree planting for this project.

Respectfully,  
Maureen Hamb-Certified Arborist WE2280