

# Exhibit D

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***Maureen Hamb-WCISA Certified Arborist WE2280  
Professional Consulting Services***

June 18, 2018

**Dyar Architecture**

Attention: Erik Dyar  
P.O. Box 4709  
Carmel CA 93921

Project: Tang/3284 San Luis Avenue  
Phase: Garage Addition Arborist Review



**Introduction/Scope of Services**

As requested I have visually inspected trees growing adjacent to a proposed garage addition located at 3284 San Luis Avenue (APN 009-041-003).

The visual inspection includes determining ratings for tree health and structural integrity as “good”, “fair” or “poor”. This evaluation is utilized to define the suitability for incorporating trees into future development. Trees with significant structural defects that represent a risk are not appropriate for retention.

Tree trunks were measured to determine “protected” status. A site plan prepared by Erik Dyar, project architect was utilized to determine the potential impacts to trees and the need for tree removal relative to development.

**Project Description**

The project proposes the construction of a two-car garage addition connected to the existing single-family home by a covered walkway. The garage will be accessed from the public street by a new asphalt driveway.

**Observations**

The site is a sloping residential property that is intensely landscaped around the existing single-family home which is below street level. Native coast live oaks (*Quercus agrifolia*) are growing throughout the site (approximately 25 trees). Monterey pine (*Pinus radiata*) has a minor presence at street level.

In general, the oaks are in fair condition and range from immature to mature. Foliar canopies tend to be thin and suppressed due to the dense overstory. The pines are in a declining condition with infestations of Red Turpentine beetles (*Dendroctonus valens*).

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The table below lists each tree by number with corresponding locations on the attached site plan. Trunk diameter, ratings for tree health and tree structure are included.

Tree #	Diameter	Species	Health	Structure	Comments
1	11	Monterey pine	Poor	Poor	Infested with Red Turpentine beetles. Adjacent to proposed driveway entry/Remove due to condition and impacts.
2	11	Coast Live Oak	Poor	Poor	Single small diameter trunk supports a thin canopy. Trunk has developed in a horizontal manner and encroaches into garage structure. No options for pruning. Remove due to impacts
3	10	Coast Live Oak	Fair	Fair	Young tree with suppressed canopy. Protect with fencing and straw bale barricades
4	18, 16 & 16	Coast Live Oak	Fair	Fair	Three large trunks, moderate suppression in upper canopy. One stem will require removal for building clearance. Protect with fencing and straw bale barricades.

**Tree #1:** Monterey pine (*Pinus radiata*) is growing within the Monterey County road easement. The tree canopy is thin and discolored. Evidence of a significant Red Turpentine beetle infestation is visible at the base of the trunk (pictured).

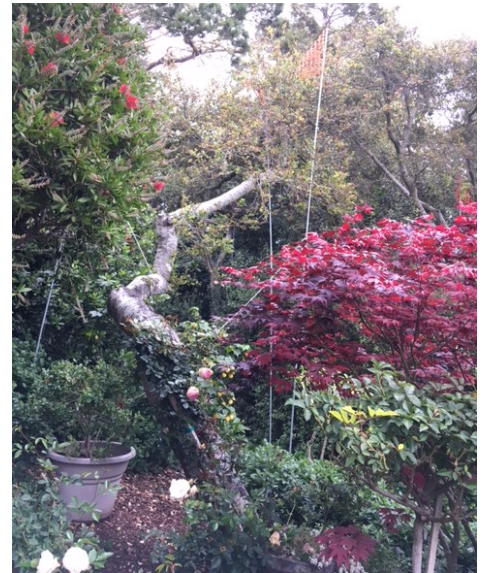
The tree is growing adjacent to the proposed asphalt driveway entry. The need for removal has been discussed and approved by Robert Palomino at Monterey County Public Works Department.



**Tree #2:** Coast live oak (*Quercus agrifolia*) a young tree with a dramatically horizontal trunk. The canopy is concentrated at the end of the tree and is thin and absent of lateral branching (pictured).

The trunk spans the footprint of the proposed garage and removal will be required. Due to the leaning structure and lack of branching, pruning cannot be completed to provide clearance for the building.

**Tree #3:** Coast live oak (*Quercus agrifolia*) with three large stems that emerge from a common root system. The tree is adjacent to the proposed garage building and one stem will require removal to provide clearance. The pruning will not exceed 30% of the foliar canopy or affect tree health or stability.



The tree will be protected during construction by exclusionary fencing bordered by straw bales as barricades.

**Tree #4:** Coast live oak (*Quercus agrifolia*), a young tree with the entire foliar canopy concentrated in the tree top. Lower branching has not developed due to the suppressive dense overstory. Minor pruning may be required to provide clearance for the garage structure.

The tree will be protected during construction by exclusionary fencing bordered by straw bales as barricades.

## **Conclusion**

The construction of the proposed garage addition can be completed with the removal of two trees. The Monterey pine is infested with bark beetles and in decline. The young oak cannot be pruned to provide the clearance for the building.

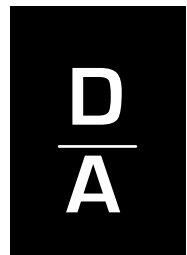
Monterey County ordinances request the planting of replacement trees when tree removal is necessary for development. On this site, the dense suppressive environment is not suitable for planting additional trees. I recommend no replacement trees on this property.

The removal of the two trees will not affect the integrity of the existing forest conditions or change the integrity of the stand.

Please call my office with any questions or concerns regarding the trees on this property.

Respectfully submitted,  
Maureen Hamb-Certified Arborist WE2280





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The Architect's Drawings,  
Specifications Or Other Documents  
Shall Not Be Used By The Owner  
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Except By Agreement In Writing  
And With Appropriate  
Compensation To The Architect.

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Tang Residence  
Garage Addition  
3284 San Luis Avenue  
Carmel-by-the-Sea, California 93923  
APN: 009-041-003

Job No.  
**16-03**

Date:  
May 2, 2018

Site Plan

1/8" = 1'-0"

Sheet No.

1

