

DEPARTMENT OF PUBLIC WORKS  
 TREE MAINTENANCE ACTIVITIES PERFORMED AND PENDING  
 JANUARY 2012

Page 1 of 3

<u>ADDRESS</u>	<u>TYPE OF TREE</u>	<u>DIAMETER</u>	<u>ALTERED (TRIM)</u>	<u>REMOVED</u>	<u>COMMENTS</u>
5 Miller Ave	Monterey Pine	54.4-in DBH (171-in CBH estimated)		Top removed, remainder pending PG&E strain guy relocation	Private – still requires PG&E coordination – no permit required (undesirable tree).
ROW at 81 Cazneau Ave	Coast Live Oak	37.7-in CBH	Pending		Application TRP11-252 received with arborist's report. Posted pending renewal or alteration. No update from resident.
ROW at 254 Glen Drive	Pittosporum	37.7-in CBH	View Pending		TRP 11-174 received. Closest neighbor objects. DPW Investigating.
ROW – Intersection between Sausalito Blvd & Spencer Ave on 40 Cooper Lane	Black Acacia	72" DBH 78" DBH		Pending	Co dominant trunks lean away from each other. 1 trunk leans over Spencer Ave; the other is a threat to property at Cooper Lane. Bartlett Tree exposed root collar, ivy & soil removed from bottom of tree to determine risk of

DEPARTMENT OF PUBLIC WORKS  
 TREE MAINTENANCE ACTIVITIES PERFORMED AND PENDING  
 JANUARY 2012

Page 2 of 3

<u>ADDRESS</u>	<u>TYPE OF TREE</u>	<u>DIAMETER</u>	<u>ALTERED (TRIM)</u>	<u>REMOVED</u>	<u>COMMENTS</u>
ROW at 506 Olive Street	DEDICATED Monterey Pine (see attached Memorandum)			Pending	failure. Two arborist reports, 1 from homeowner. Not a hazard. DPW Division Mgr contacted owner for update.  Arborist Report from Bartlett Tree. Dedicated tree dying from bark beetles. Possibility of root damage and/or soil compaction resulted from construction adjacent. Women's Club being notified. Planned removal in March 2012.
127 San Carlos Ave	Coast Live Oak	25.5 DBH 80.5 CBH		Emergency removal approved	TRP12-023 Arborist report from Treemasters Emergency removal approved 1/25. Cavities filled with concrete, decay advancing into main trunk & heavy lean to one side -- imminent threat to persons and property including an adjacent specimen Oak in good health

DEPARTMENT OF PUBLIC WORKS  
 TREE MAINTENANCE ACTIVITIES PERFORMED AND PENDING  
 JANUARY 2012

Page 3 of 3


<u>ADDRESS</u>	<u>TYPE OF TREE</u>	<u>DIAMETER</u>	<u>ALTERED (TRIM)</u>	<u>REMOVED</u>	<u>COMMENTS</u>
PUBLIC PROPERTY Fronting 750 Bridgeway (B of A Plaza)	Pyrus Calleyana ("Aristocrat") Evergreen Pear				Proposal to Planning Commission for trees to replace 3 Monterey Pines removed from B of A Plaza (see attached Memorandum)



# MEMORANDUM

OFFICE OF THE DIRECTOR OF PUBLIC WORKS

---

**TO:** Trees and Views Committee  
**FROM:** Jonathon Goldman – Director of Public Works   
**RE:** Removal of Dedicated Monterey Pine  
Public Right of Way fronting 506 Olive Avenue  
**DATE:** 26JAN12  
**ACTION:** For Information  
**cc:** Sausalito Women's Club

Pursuant to the Sausalito Municipal Code, Sections 17.28.090, 17.28.010 and 11.12.030.A.2.c the Director of Public Works has determined on the basis of the attached Arborist's Report dated January 16, 2012 that the condition of the Dedicated Monterey Pine (*Pinus radiata*), located in the public right of way fronting 506 Olive Street warrants its removal to ensure the public safety as it relates to the potential hazard to life and property.

Please feel free to contact me if you have any questions regarding this or any matter involving the Department of Public Works.



# BARTLETT TREE EXPERTS

400 SMITH RANCH ROAD, SAN RAFAEL, CA 94903 • (415) 472-4300 • FAX (415) 472-8650

January 16, 2012

City of Sausalito  
Department of Public Works  
Attn: Kent Basso  
530 Nevada St.  
Sausalito, CA 94965

**RE:** Monterey Pine (*Pinus radiata*) located in front of 506 Olive St in Sausalito.

Dear Mr. Basso:

Per your request, on Thursday, January 12, 2012, I inspected the dedicated Monterey Pine (*Pinus radiata*) located in front of 506 Olive St in Sausalito. The objective of the inspection was to evaluate the current safety and health condition of the tree.

The Monterey Pine appears to be in poor health condition with a very thin crown and several dead branches larger than 1 inch in diameter (Figure 1).



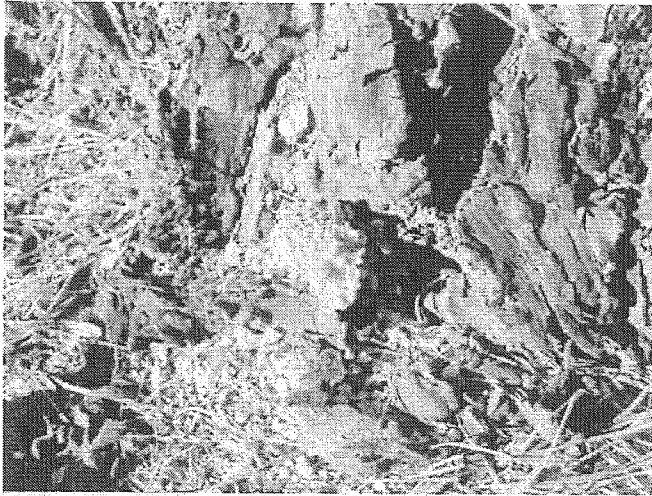
**Figure 1.** Dedicated Monterey Pine (*Pinus radiata*) located in front of 506 Olive St in Sausalito.

THE F.A. BARTLETT TREE EXPERT COMPANY  
SCIENTIFIC TREE CARE SINCE 1907

Corporate Office: P.O. Box 3067, Stamford, Connecticut 06905-0067 • (203) 323-1131, FAX (203) 323-1129  
[www.bartlett.com](http://www.bartlett.com)



There is evidence of Red Turpentine beetle attacks at the base of the tree. These bark beetles frequently attack trees weakened by drought, disease, injuries, or other factors that stress the tree. Turpentine beetles can contribute to the decline and eventual death of the tree (Figure 2).



**Figure 2.** Red Turpentine beetle pitch tube at the base of the Monterey Pine located at 506 Olive St

It seems as if construction of adjacent driveways, several years ago, might have impacted a portion of the root system of the tree through root damage and/or soil compaction. The side of the tree hanging over the driveways at 506 and 510 Olive St is in advance stage of decline and is where most of the deadwood has accumulated (Figure 3).



**Figure 3.** East side of the tree, hanging over the driveways at 506 and 510 Olive St is in advance stage of decline.



This Monterey Pine hangs over the road, electrical wires, driveways and buildings (Figure 3). In order to eliminate the risk of the trunk, roots and/or branch failure, and considering the poor health condition, I recommend that the tree be removed.

If the tree is to be kept, the following procedures are recommended to reduce the risk of failure and/or death:

1. Clean to remove all dead, diseased and broken branches that are 1/2" in diameter and larger throughout crown to improve health and appearance and reduce risk of branch failure.
2. Treat the lower stem twice per year, in March and in August, to help suppress Turpentine beetle attacks.
3. Deep water the tree three times per week for 15-20 minutes each time.
4. Perform prescription fertilization based on a soil analysis to help correct nutrient deficiencies and improve plant health.
5. Monitor tree once per month to evaluate response to treatments and pruning.

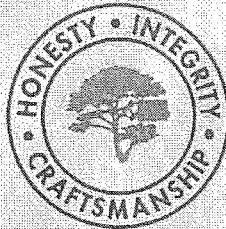
Please contact me directly if you have any questions or concerns regarding this report.

Sincerely,

Juan M. Ochoa  
ISA Board Certified Master Arborist WE-6480B  
Bartlett Tree Experts  
Tel: (415) 472-4300 x 18  
Fax: (415) 472-8650  
[jochoa@Bartlett.com](mailto:jochoa@Bartlett.com)

# TREEMASTERS

3175 Kerner Blvd Ste. A  
San Rafael, CA 94901  
(415) 455-9933 Main  
(415) 455-9934 Fax



WWW.TREEMASTERS.COM  
treemail@treemasters.com



CA Lic. #660226

December 7, 2011

RECEIVED

JAN 23 2012

CITY OF Sausalito  
ADMINISTRATIVE SERVICES

Mike Roark  
127 San Carlos Ave  
Sausalito CA 94965

## Arborist Report

Mike Roark requested TREEMASTERS to inspect a Coast Live Oak *Quercus agrifolia* in front yard that has cavities filled with concrete & heavy lean to one side overhanging important landscape plants.

On Monday, November 21, I examined the Coast Live Oak *Quercus agrifolia* and would like to report the following.

- The subject tree is a Coast Live Oak *Quercus agrifolia*
- The CBH circumference at breast height is 80.5in.
- The DBH diameter at breast height is 25.5 in.
- The canopy is asymmetric growth habit, approximately 18ft. whole crown grows south with all weight to one side.
- The tree is approximately 20ft tall
- The tree has two very large old pruning cuts where large limb where removed and at a later date as decay progressed into the tree, the cavities where filled with concrete. Concrete has not been found to add any structural support and also hides any further decay.
- 15ft. up trunk a large limb was removed in the passed, wound closure has been slow and decay is advancing into main trunk.



"Providing great care and attention  
to the ONE TREE we are working on at that moment."





Appraised value using **Trunk Formula Method**

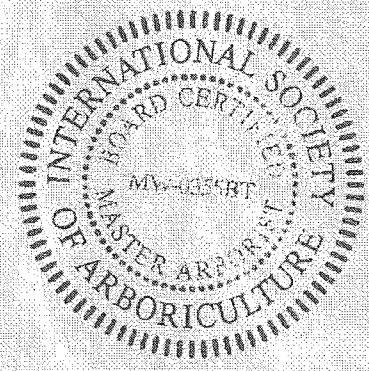
- 1) Species Coast Live Oak *Quercus agrifolia*
- 2) Condition 50%
- 3) Trunk DBH diameter at breast height is 25.5 in.
- 4) Location 37%
- 5) Species rating 90%
- 6) Replacement tree size 2in. DBH  
area 3.14in<sup>2</sup>
- 7) Replacement tree cost \$135.00
- 8) Installation cost \$440.00
- 9) Installed tree cost \$575.00
- 10) Unit tree cost \$43.00
- 11) Appraised trunk area 510in<sup>2</sup>
- 12) Appraised tree trunk increase 507in<sup>2</sup>
- 13) Basic tree cost \$22,376.00
- 14) Appraised Value \$ 3726.00

Conclusion: Based on structural defects and asymmetric growth habit and also the threat this tree poses to personal and property out weigh any benefits. Because of locating next to very large mature Coast Live Oak *Quercus agrifolia* replacement is not recommended nor is it even possible. Based on the information provided TREEMASTERS RECOMMENDS IMMEDIATE REMOVAL.

Note: I only inspected the tree(s) on this report  
Sincerely,



David Hill  
ISA Certified Master Arborist MW-0355BT

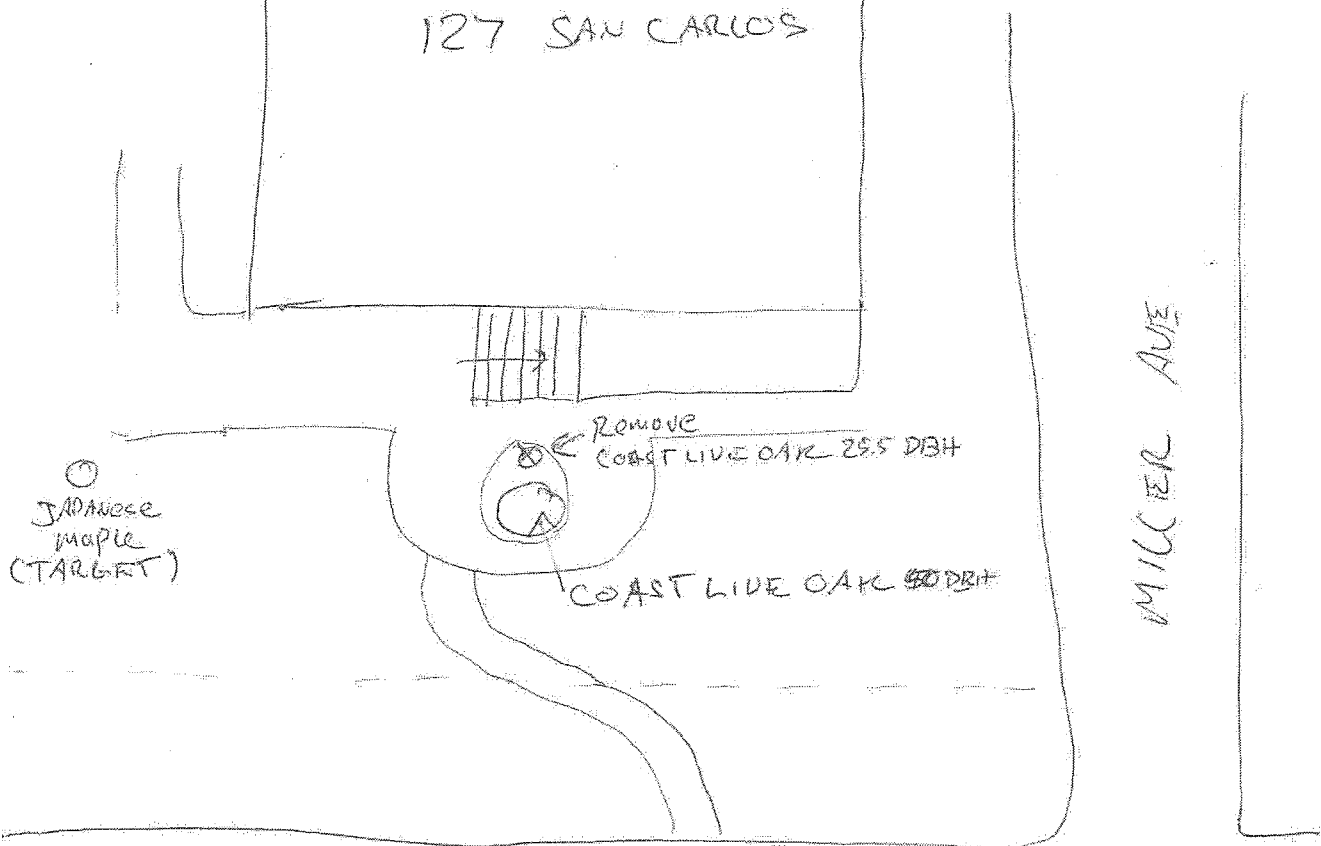


RECEIVED

JAN 23 2012

CITY OF SAUSALITO  
COMMUNITY DEVELOPMENT DEPARTMENT

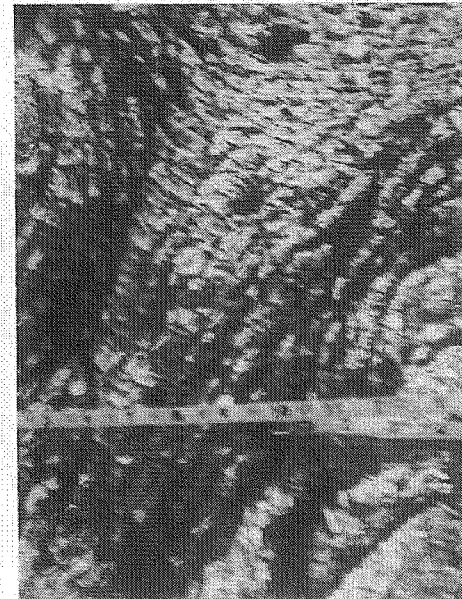
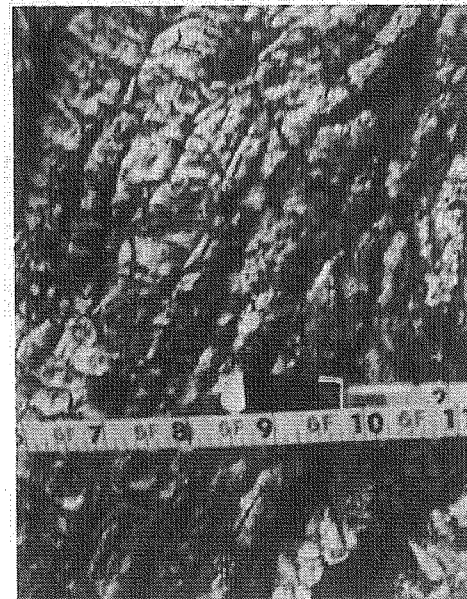
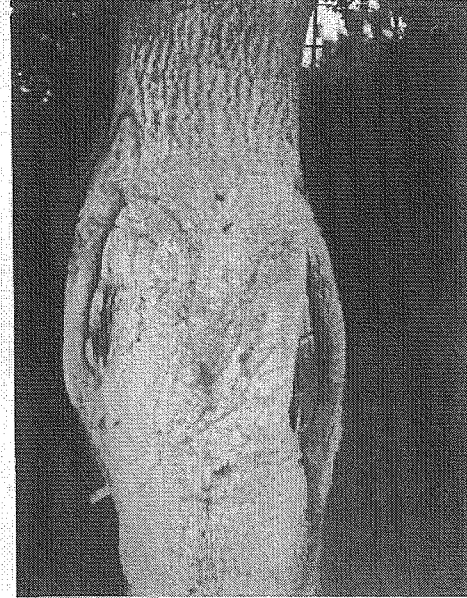
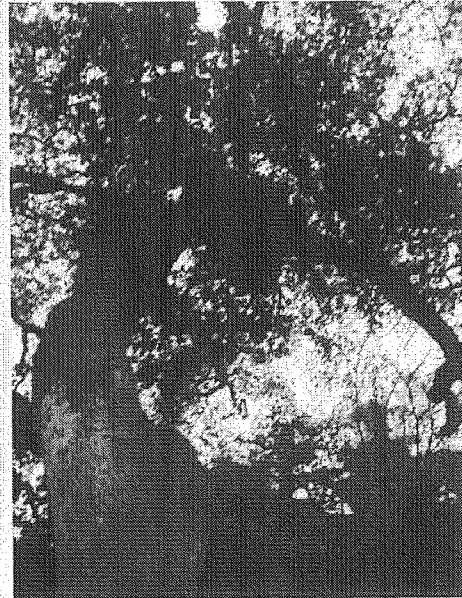
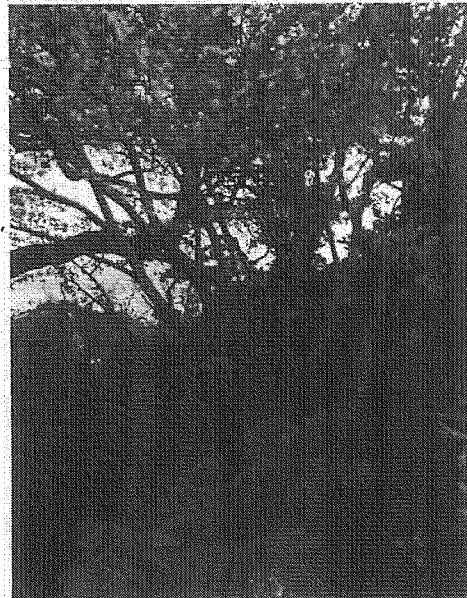
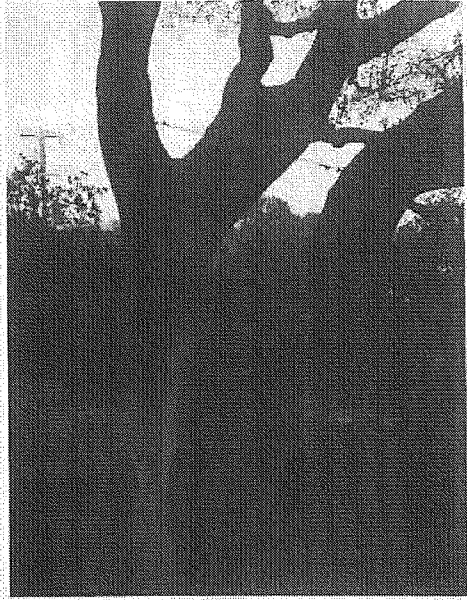
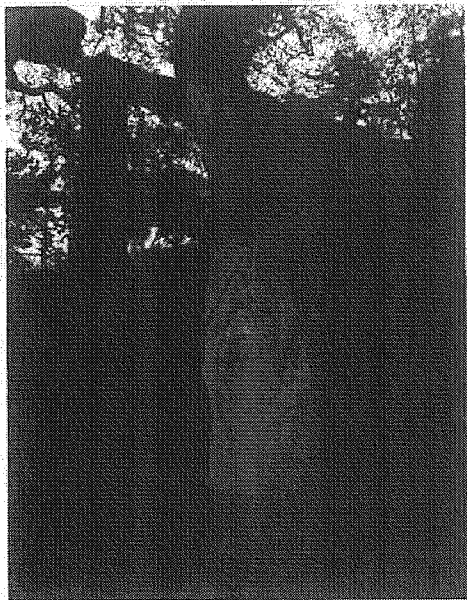
127 SAN CARLOS



SAN CARLOS AVE

NOT TO SCALE

APPROXIMATE  
NORTH



RECEIVED

JAN 23 2012

CITY OF SAUNDERS  
ADMINISTRATIVE SERVICES DEPT



