

**Acacia Village**  
**SANTA ROSA, CA**

**Arborist's Report**

May 22, 2018

Prepared for:

Robert Upton  
Campus Property Group

Submitted by:

Becky Duckles, Consulting Arborist  
ISA Certified Arborist #WE-0796A  
Sebastopol, CA.  
707.829.0555 PH.

**BECKY DUCKLES**  
**LANDSCAPE CONSULTANT & ARBORIST**  
SEBASTOPOL, CA  
707.829.0555 PH

**ACACIA VILLAGE**  
**Santa Rosa, CA**

**ARBORIST'S REPORT**  
**May 22, 2018**

This site is presently occupied by a modest residence and outbuildings with some ornamental trees as well as a few natives scattered throughout. The existing trees on the property are all listed by number on the accompanying inventory with identification, diameter, condition and structure ratings, as well as outcome in relation to proposed development. Because of the tight site, and layers of requirements for utilities and stormwater infiltration, road and sidewalk improvements, etc. the project design team was only able to preserve two existing trees – two mature London planes (aka sycamores).

Also enclosed is a Tree Removal and Mitigation Calculation summary for the site, as per Santa Rosa Tree Ordinance requirements.

Please call if there are questions or more information is needed.

Respectfully submitted,

*Becky Duckles*

Becky Duckles  
International Society of Arboriculture, Western Chapter Certified Arborist #WE-0796A

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**LANDSCAPE CONSULTANT & ARBORIST**  
**SEBASTOPOL, CA**  
707.829.0555 PH

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**TREE REMOVAL & MITIGATION CALCULATIONS**  
**May 22, 2018**

Of the existing trees on this site, the following trees will be removed which require mitigation, based on the Tentative Map dated 3/28/18 by Munselle Civil Engineering. For every 6" of trunk diameter of protected trees, two 15 gal. size replacement trees, or \$200 (for each 6") in-lieu fee is required.

**TREES TO BE REMOVED REQUIRING MITIGATION**

<b>Tree #</b>	<b>Diameter</b>	<b>Species</b>	<b>Comments/condition</b>
1	15"	Valley Oak	Good
3	22"	Deodar Cedar	Good
4	20"	Deodar Cedar	Good
6	5,4"	Japanese Maple	Good
8	47"	Coast Redwood	Good/Excellent
10	13"	Valley Oak	Good/Excellent
14	43"	Giant Sequoia	Fair/Good
15	4,7,9,20"	Coast Redwood	Good
18	5"	Valley Oak	Excellent
19	5"	Valley Oak	Excellent
20	5,5,6"	Valley Oak	Excellent
21	3,4"	Coast Live Oak	Excellent

Total number of diameter inches of trees to be removed = 259"  
Divided by 6" increments = 44

Mitigation required per ordinance (2- 15 gal trees for each 6", or \$200/6")  
= 88 – 15 gal trees or \$8,800

If 24" box trees are used, 1 = 2 – 15 gal trees, 1 - 36" box tree = 3 – 15 gal trees,  
1 – 48" box tree = 4 – 15 gal trees

Respectfully submitted,

*Becky Duckles*

Becky Duckles, Certified Arborist #WE-0796A  
Member, American Society of Consulting Arborists

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## **TREE PROTECTION NOTES**

May 2018

1. Where pruning for clearance is required on any trees to remain, it should be done by trained, qualified tree workers according to ISA & ANSI A300 Pruning Guidelines, prior to construction. Pruning should be the minimum necessary for hazard reduction, (i.e. the removal of deadwood 2" and larger, etc.) and for clearance.
2. Plastic tree protection fencing should be installed at the driplines of trees within the zone of construction activity.  
If access within dripline will be required, fence to be placed at expected limit of grading.  
Fence should be installed prior to the start of clearing or grading operations, and kept in place throughout construction activities.
3. If any roots on trees to be preserved larger than 1" are encountered during construction activities which can't be preserved, they should be cut cleanly across the face of the root with a sharp saw, past any damaged portions.
4. No parking, operation of equipment, storage of materials, disposal of waste or other construction activity shall occur within driplines of trees to be preserved.

ACACIA VILLAGE - SANTA ROSA

TREE #	SPECIES	DIAMETER (In.)	GENERAL HEALTH/CONDITI	STRUCTURAL INTEGRITY	CONSTRUCTION IMPACT/RECOMMENDATIONS
1	Valley Oak/ <i>Quercus lobata</i>	15"	Good	Good, though co-dominant leaders at 6'	To be removed for construction. Heritage tree
2	Fruitless Mulberry/ <i>Morus alba</i>	23" @ 3'	Excellent	Fair; previously pollarded	To be removed. Species exempt from mitigation
3	Deodar Cedar/ <i>Cedrus deodara</i>	22"	Good	Good, though previously topped at 18'	To be removed for construction.
4	Deodar Cedar/ <i>Cedrus deodara</i>	20"	Good	Good	To be removed for construction.
5	Deodar Cedar/ <i>Cedrus deodara</i>	17"	Good	Good	To be removed for construction.
6	Japanese Maple/ <i>Acer palmatum</i>	5,4"	Good	Fair	To be removed for construction.
7	Fruitless Mulberry/ <i>Morus alba</i>	13,14,14"	Good	Fair; previously pollarded	To be removed. Species exempt from mitigation
8	Coast Redwood/ <i>Sequoia sempervirens</i>	47"	Good/Excellent	Good, though co-dominant from 8'	To be removed for construction of home. Heritage tree
9	Fruitless Mulberry/ <i>Morus alba</i>	17" @ 3'	Good/Excellent	Good/Excellent	To be removed. Species exempt from mitigation
10	Valley Oak/ <i>Quercus lobata</i>	13"	Good/Excellent	Good/Excellent	To be removed for construction of home. Heritage tree
11	Monterey Pine/ <i>Pinus radiata</i>	43"	Good	Good	To be removed. Species exempt from mitigation
12	Western Red Cedar/ <i>Thuja plicata</i>	5,6,6"	Poor	Poor/dying	To be removed for construction.
13	Western Red Cedar/ <i>Thuja plicata</i>	5,6,6,7"	Poor	Poor/dying	To be removed for construction.
14	Sequoia/ <i>Sequoiadendron giganteum</i>	43"	Fair/Good	Good	To be removed for construction.
15	Coast Redwood/ <i>Sequoia sempervirens</i>	4,7,9,20"	Good	Good	To be removed for construction.
16	London Plane/ <i>Platanus x hispanica</i>	17"	Good	Good	To be preserved in common area.
17	London Plane/ <i>Platanus x hispanica</i>	23"	Good	Good	To be preserved in common area.
18	Valley Oak/ <i>Quercus lobata</i>	5"	Excellent	Excellent	To be removed for construction.
19	Valley Oak/ <i>Quercus lobata</i>	5"	Excellent	Excellent	To be removed for construction.
20	Valley Oak/ <i>Quercus lobata</i>	5,5,6"	Excellent	Good	To be removed for construction. Heritage tree
21	Coast Live Oak/ <i>Quercus agrifolia</i>	3,4"	Excellent	Good	To be removed for construction.



# SBCA TREE CONSULTING

1534 Rose Street, Crockett, CA 94525

Phone: (510) 787-3075

Fax: (510) 787-3065

Website: [www.sbcatree.com](http://www.sbcatree.com)

*Steve Batchelder, Consulting Arborist*

WC ISA Certified Arborist #228

CUFC Certified Urban Forester #134

CA Contractor License #(C-27) 53367

E-mail: [steve@sbcatree.com](mailto:steve@sbcatree.com)

*Molly Batchelder, Consulting Arborist*

WC ISA Certified Arborist #9613A

ISA Tree Risk Assessment Qualified

E-mail: [molly@sbcatree.com](mailto:molly@sbcatree.com)

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Date: July 24, 2024

To: Montrell Nickerson  
Villa Homes  
1 Letterman Dr. Suite #C3500  
San Francisco, CA 94129

Project: 746 Acacia Lane Tree Inventory

Assignment: *Tag and inventory all trees 4" or greater in diameter in scope provided by Villa Homes.*

Scope: *Trees under 4" and those included on the City "Exempt Trees" list were not inventoried.*

## Appendix Items:

1. *Tree Inventory Data in Excel Sheets*
2. *Photos of individual trees [link](#)*

## Santa Rosa Tree Ordinance

### *On Undeveloped Property*

Permits are required for removal, alteration or relocation of all trees with a 4" or greater diameter in all zoning districts where development is being proposed or may occur in the future.

### *Protected Tree*

A protected tree is any tree, including a Heritage tree, indicated to be preserved on an approved development plan, an approved tentative map or tentative parcel map, or other approved development.

### *Exempt Trees*

The following trees are exempt from permit requirements in all zoning districts, whether the parcel is developed or not: *Acacias, Ailanthus, Fruit and nut trees (except walnuts), Fruitless mulberry, Hawthorn, Ligustrums, Monterey cypress, Monterey pine, Poplars, Pyracantha, Silver maple*

*"Heritage tree" means any of the following:*

- 1) A tree or grove of trees so designated by a resolution of the Planning Commission, upon nomination by the Director of Community Development or the Planning Commission and after the holding of a noticed public hearing, having a specific historical or cultural association or value due to its age, species, character, location, height and/or the circumstances of its planting or origin.
- 2) Any of the following trees, native to the County, whether located on private or public property, which has a diameter or a circumference equal to or greater than that listed below:

Species/Common Name	Diameter	Circumference
1. Oak Family		
(a) <i>Quercus lobata</i> —valley oak	6"	19"
(b) <i>Q. agrifolia</i> —live oak	18	57
2. <i>Sequoia sempervirens</i> —redwood	24	75

## Summary

Arborist tree inventory tagged and collected data on 34 trees. Tag numbers begin with #101.

Species amount – Nine (9) different tree species were identified.

Protected trees – All 34 trees qualify as Protected under City ordinance.<sup>1</sup>

Heritage trees – Ten (10) trees qualify as Heritage under City ordinance.

Most numerous species – The Valley Oak (*Quercus lobata*) represents 13 out of the 34 trees inventoried. Most appear to be volunteers as the species is native to the area.

Table 1. Table below provides a breakdown of species and arborist comments. The full tree inventory is in *Appendix 1*.

	Species	Common Name	Total Amount	Protected Tree Amount	Heritage Tree Amount	Overall Retention Suitability	Comments
1	<i>Acer palmatum</i>	Japanese maple	1	1	0	Poor	Declining and significant internal decay
2	<i>Cedrus deodara</i>	Deodar cedar	3	3	0	Fair, Good	#126 is a good specimen in health and form; #124 has multiple stem failures and is likely not suitable
3	<i>Pinus halepensis</i>	Aleppo pine	1	1	0	Fair-Poor	Very large tree and will require significant pruning maintenance if retention is desired
4	<i>Platanus X hispanica</i>	London plane	2	2	0	Good	Excellent specimens
5	<i>Pyrus calleryana</i>	Callery Pear	4	4	0	Fair	Likely volunteers; Species is somewhat invasive

<sup>1</sup> Based upon conversation with City staff in the Parks Department, multi stemmed trees are considered Protected or Heritage if they attain the specified diameter size below the stem bifurcation.

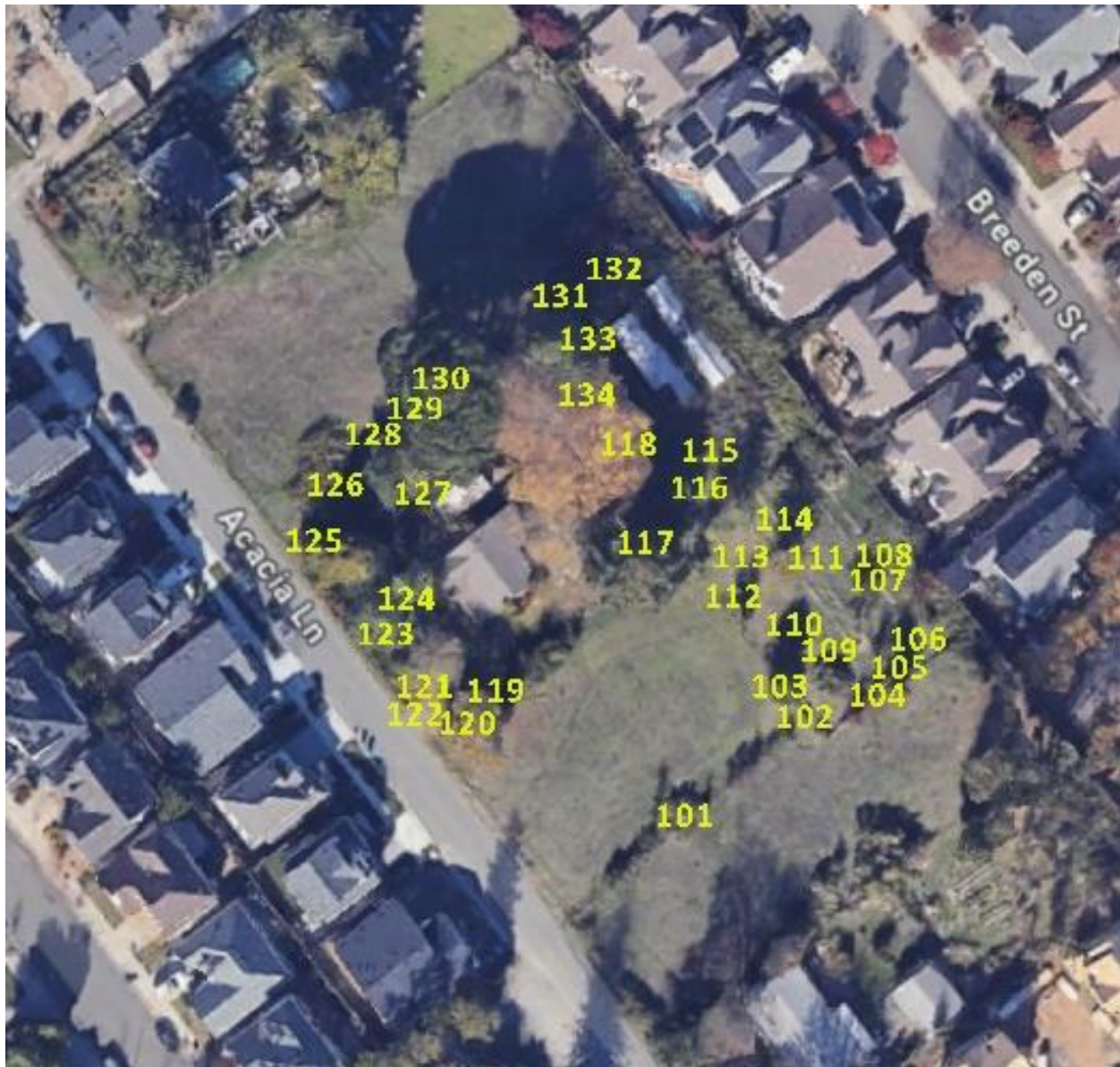




	Species	Common Name	Total Amount	Protected Tree Amount	Heritage Tree Amount	Overall Retention Suitability	Comments
6	<i>Quercus agrifolia</i>	Coast Live Oak	7	7	1	Good	Some minor fungal leaf blight (Cryptocline); Species native to area and doing well
7	<i>Quercus lobata</i>	Valley Oak	13	13	7	Good	Species doing very well at the site; #125 is not suitable due to high voltage power lines above
8	<i>Sequoia giganteum</i>	Giant sequoia	1	1	0	Good	Heathy specimen with ivy 25' up the trunk
9	<i>Sequoia sempervirens</i>	Coast Redwood	2	2	2	Good, Fair	Redwoods are no longer recommended for use due to high water demands; Tree #133 is inundated with ivy and adjacent trees; #117 is a very large specimen that is beginning to show signs of drought stress
<b>Totals:</b>			<b>34</b>	<b>34</b>	<b>10</b>		



Image 1. Tree Location Map



**End**

Report submitted by:

*Steve Batchelder*

Steve Batchelder, Consulting Arborist  
ISA Certified Arborist WE 228A  
CaUFC Certified Urban Forester #138  
Calif. Contractor Lic. (C-27) 533675

