

Acacia Village
SANTA ROSA, CA

Arborist's Report

May 22, 2018

Prepared for:

Robert Upton
Campus Property Group

Submitted by:

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ACACIA VILLAGE
Santa Rosa, CA

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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

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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

Tree #	Diameter	Species	Comments/condition		
1	15"	Valley Oak	Good		
3	22"	Deodar Cedar	Good		
4	20"	Deodar Cedar	Good	5	17"
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,

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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.

