

LOS PINOS APARTMENTS

**3496 Santa Rosa Ave. - Santa Rosa, CA.
County of Sonoma**

ARBORIST'S REPORT & TREE INVENTORY

August 7, 2019

Prepared & Submitted By:

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ARBORIST'S SUMMARY
August 7, 2019

This long, narrow flat lot in the County of Sonoma contains one old unoccupied home and 20 trees including a few fruit trees (not protected) and oaks, with a few other species.

All trees potentially impacted by this construction (including trees on adjacent properties) have been evaluated and identified, measured, tagged and rated. Tree mitigation calculations for replacement trees or in-lieu fees are shown on an accompanying list, as per Sonoma County requirements. Tree protection measures for protected trees are also included with this report for inclusion on plans, and observation during construction.

For reference on site I used the Grading Drainage & Utility Plan dated July 2019 provided by Civil Design Consultants, the project engineers. I will relay my information to them (as well as to the developer) regarding the existing site trees, and discuss tree protection measures with them to incorporate on their plans.

Please contact me if further information is needed.

Respectfully submitted,

Becky Duckles

Becky Duckles, Project Arborist
International Society of Arboriculture Certified Consulting Arborist #WE-0796A

**Los Pinos Apts. 3496 Santa Rosa Ave.
Sonoma County, CA**

TREE #	SPECIES	DIAMETER (In.)	GENERAL HEALTH / CONDITION	STRUCTURAL INTEGRITY	CONSTRUCTION IMPACT/RECOMMENDATIONS
1	Valley Oak/ <i>Quercus lobata</i>	12,19"	Excellent	Excellent	To be preserved. Protected tree on adjacent property. Grading adjusted to protect
1A	Lombardy Poplar/ <i>Populus nigra</i> 'Italica'	16"	Good	Good	To be preserved. On adjacent property. Grading adjusted to protect
2	Coast Live Oak/ <i>Quercus agrifolia</i>	8,9,9,10"	Excellent	Fair/Good	To be preserved. Protected tree. Grading adjusted to protect
3	Coast Live Oak/ <i>Quercus agrifolia</i>	5,11"	Fair	Poor	To be preserved, no impact from construction. Protected tree. Two dead trunks
4	Coast Live Oak/ <i>Quercus agrifolia</i>	5,8"	Excellent	Fair	To be removed for construction. Not a protected tree
5	Fruiting Pear/ <i>Pyrus</i> sp.	3,7"	Fair	Fair	To be removed for construction. Not a protected tree
6	Coast Live Oak/ <i>Quercus agrifolia</i>	9,9"	Good/Excellent	Good	To be preserved. Protected tree on adjacent property. Grading adjusted to protect
7	Black Walnut/ <i>Juglans nigra</i>	9"	Fair	Fair	To be preserved. On adjacent property. Grading adjusted to protect
8	Maple/ <i>Acer</i> sp.	6,6"	Good	Good	To be preserved. On adjacent property. Grading adjusted to protect
9	Valley Oak/ <i>Quercus lobata</i>	10"	Good	Good	To be preserved. Protected tree on adjacent property. Grading adjusted to protect
10	Valley Oak/ <i>Quercus lobata</i>	11"	Good	Good	To be preserved. Protected tree on adjacent property. Grading adjusted to protect
11	Willow/ <i>Salix</i> sp.	18"	Fair	Poor form	To be preserved. On adjacent property. Partially fallen. Grading adjusted to protect
12	Willow/ <i>Salix</i> sp.	18"	Fair	Poor form	To be preserved. On adjacent property. Partially fallen. Grading adjusted to protect
13	Valley Oak/ <i>Quercus lobata</i>	9"	Good/Excellent	Good/Excellent	To be removed for construction. Protected tree
14	Oregon Oak/ <i>Quercus garryana</i>	12" @ 3'	Fair	Fair	To be removed for construction. Protected tree
15	Oregon Oak/ <i>Quercus garryana</i>	10"	Poor	Fair	To be removed for construction. Protected tree
16	Cottonwood/ <i>Populus fremontii</i>	28"	Good	Good	To be removed for construction. Not a protected tree
17	Cottonwood/ <i>Populus fremontii</i>	30"	Good	Good	To be removed for construction. Not a protected tree
18	Valley Oak/ <i>Quercus lobata</i>	26"	Good	Good	To be preserved. Minimize fill within rootzone
19	Acacia/ <i>Acacia dealbata</i>	13"	Poor	Poor (fallen)	To be removed for construction. Not a protected tree
20	Acacia/ <i>Acacia dealbata</i>	12"+	Poor	Poor (fallen)	To be removed for construction. Not a protected tree

LOS PINOS APARTMENTS – 3496 SANTA ROSA AVE. SANTA ROSA

COUNTY OF SONOMA MITIGATION REQUIREMENTS

LIST OF PROTECTED TREES PROPOSED TO BE REMOVED

<u>TREE #</u>	<u>SPECIES</u>	<u>TRUNK DIAMETER</u>	<u>ARBOREAL VALUE</u>
13	Valley oak	9"	1 Point
14	Oregon oak	12"	1 Point
15	Oregon oak	10"	<u>1 Point</u>
			<u>3 AV Points Total</u>

MITIGATION REQUIREMENTS

Removed protected trees to be replaced with same native species (as per ordinance)

1 Point Arboreal Value = 2 – 15 gal trees or \$200 in lieu fee

3 Points = 6 – 15 gal. trees or \$600.

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Santa Rosa, Ca

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TREE PROTECTION NOTES

1. Plastic or chain link panel tree protection fencing should be installed at the driplines of trees to remain, (or the outer edge of the dripline of groups of trees). If it must be removed during construction for access, it should be replaced immediately after work is completed.
2. Pruning should be the minimum necessary for hazard reduction or necessary access, (i.e. the removal of deadwood 2" and larger, etc.), clearance, and crown restoration. It should be done by trained, qualified tree workers according to ISA Pruning Guidelines and ANSI 300 Standards, prior to construction activity and fencing.
3. Where trenching, excavation or other construction must occur within the driplines of protected trees to remain, a monitoring arborist should be notified ahead of the work (24-48 hours) to be present during the work. If any roots larger than 1" are encountered that cannot be preserved, they should be cut cleanly across the face of the root with a sharp saw.
4. Where drainage swales or utilities must pass within tree driplines, they should be hand dug or excavated under the supervision of an arborist. Roots 2"+ should be preserved where possible.
5. Wood chip mulch generated from pruning should be spread under protected trees to serve as a permanent top dressing and mulch. It should be augmented to provide a 4" layer of mulch within the driplines of all trees to remain within the limits of construction.
6. No parking, storage or disposal of materials (such as concrete slurry, paint, etc.), or other construction activity shall occur within driplines of protected trees to remain.