

## Atlas Tree Service, Inc.

October 28, 2019

### Tree Inventory

#### Protected Trees

DBH > 12"

Prepared For: Ralph Strauss  
SDG Architects  
906 Meyers Court  
Brentwood, CA 94513

Location: 1448 N. Oak Street  
Calistoga, California

I inventoried the trees on the N. Oak Street property on September 17, 2019. There are 44 trees 6" diameter or greater measured at 4.5' above grade. There are also numerous small (2" - 4" diameter) trees mostly American Elm.

There are native trees on the property. There are 7 Valley Oaks and 2 Coast Live the others are various non-native trees mostly American Elm.

Included is an inventory of the trees and a table with an explanation of the rating system for the trees. This is based on a rating system provided by Matheny and Clark in their book "Trees and Development".

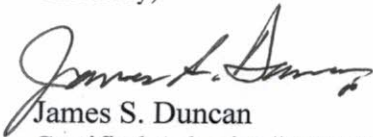
<u>Tag #</u>	<u>Species</u>	<u>Common Name</u>	<u>Dia. In inches</u>	<u>Condition</u>	<u>Suitability</u> For Preservation
#823	Quercus lobata	Valley Oak	7.5",12",15"	3	Good
#824	Umbellularia californica	California Bay	24"	4	Good
#825	Sequoia sempervirens	Redwood	9.8"	2	Remove
#826	Quercus lobata	Valley Oak	5.5",4"	3	Good
#827	Quercus lobata	Valley Oak	17"	3	Moderate

#827	Quercus lobata	Valley Oak	17"	3	Moderate
#828	Juglans nigra	Black Walnut	21"	Dead	Remove
#829	Juglans nigra	Black Walnut	30"	Dead	Remove
#830	Quercus agrifolia	Coast Live Oak	8",9"	3	Moderate
#831	Quercus lobata	Valley Oak	6.5",5.5"	3	Remove
#832	Quercus lobata	Valley Oak	28"	Dead	Remove
#833	Quercus lobata	Valley Oak	19"	4	Moderate
#834	Quercus agrifolia	Coast Live Oak	9"	4	Poor
#835	Quercus lobata	Valley Oak	13"	4	Moderate
#836	Sequoia sempervirens	Redwood	6"	Dead	Remove
#837	Juglans nigra	Black Walnut	27"	2	Poor
#838	Juglans nigra	Black Walnut	18"	Dead	Remove
#839	Juglans nigra	Black Walnut	21"	Dead	Remove
#840	Ulmas americana	Elm	7",9.5"	4	Good
#841	Ulmas americana	Elm	6"	4	Good
#842	Ulmas americana	Elm	7",4"	4	Good
#843	Ulmas americana	Elm	6.5"	4	Good
#844	Ulmas americana	Elm	6.5",5.5"	4	Moderate
#845	Ulmas americana	Elm	6.5",7"	3	Moderate
#846	Pinus pinea	Stone Pine	18.6"	4	Good
#847	Ulmas americana	Elm	Multi 4"-6" spars	4	Good
#848	Ulmas americana	Elm	8"	4	Good
#849	Ulmas americana	Elm	6.5"	3	Good
#850	Ulmas americana	Elm	8",8"	4	Good
#851	Ulmas americana	Elm	14",7"	4	Poor/location
#852	Ulmas americana	Elm	7"	2	Poor
#853	Ficus carica	Fig	9.5"	4	Moderate
#854	Sequoia sempervirens	Redwood	18"	4	Moderate
#855	Ulmas americana	Elm	11.5"	4	Moderate
#856	Ficus carica	Fig	9.5"	4	Moderate
#857	Ulmas americana	Elm	7"	4	Good
#858	Ulmas americana	Elm	11",8.5"	4	Good
#859	Ulmas americana	Elm	8.2"	4	Good
#860	Ulmas americana	Elm	6"	4	Good
#861	Ulmas americana	Elm	6.5"	4	Good
#862	Ulmas americana	Elm	9"	4	Good
#863	Ulmas americana	Elm	8"	4	Good
#864	Catalpa speciosa	Catalpa	26"	3	Moderate
#865	Ulmas americana	Elm	9"	4	Good
#866	Ulmas americana	Elm	11",11"	4	Good

<u>Condition Rate</u>	<u>Overall vigor</u>	<u>Canopy density</u>	<u>Amount of deadwood</u>	<u>History of failure</u>	<u>Pests</u>	<u>Extent of decay</u>
1	Severe decline	<20%	Large;major scaffold branches	More than one scaffold	Infested	Major-conks and cavities
2	Declining	20-60%	Twig and branch dieback	Scaffold branches	Infestation of significant pests	One to a few conks;small cavities
3	Low	60-90%	Small twigs	Small branches	Minor	Present at pruning wounds
4	Good	90-100%	Little or none	None	Minor	Present at pruning wounds
5	Excellent	100%	None	None	None,or insignificant	Absent

Please feel free to contact me with any questions.

Sincerely,



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JSD:prj