



November 8, 2015

Planning and Building
City of West Linn
22500 Salamo Road #1000
West Linn, Oregon 97068

Re: Arborist Report and Tree Preservation Plan for Chêne Blanc Estates
West Linn, Oregon
Project No. MHA15012 Upper Midhill Drive

Please find enclosed the Arborist Report and Tree Preservation Plan for the Chêne Blanc Estates project located at 18000-18001 Upper Midhill Drive in West Linn, Oregon. Please contact us if you have questions or need any additional information.

Respectfully,
Morgan Holen & Associates, LLC

A handwritten signature in black ink that reads "Morgan E. Holen". The signature is written in a cursive, flowing style.

Morgan E. Holen, Owner
ISA Certified Arborist, PN-6145A
ISA Tree Risk Assessment Qualified
Forest Biologist

Arborist Report and Tree Preservation Plan

Chêne Blanc Estates
West Linn, Oregon

November 8, 2015

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Chêne Blanc Estates – West Linn, Oregon Arborist Report and Tree Preservation Plan November 8, 2015

MHA15012

Purpose

This Arborist Report and Tree Preservation Plan for the Chêne Blanc Estates project in West Linn, Oregon, is provided pursuant to City of West Linn Community Development Code Chapter 55, Municipal Code Sections 8.500 and 8.600, and the West Linn Tree Technical Manual. This report describes the existing trees located on the project site, as well as recommendations for tree removal, retention and protection. This report is based on observations made by International Society of Arboriculture (ISA) Certified Arborist (PN-6145A) and Qualified Tree Risk Assessor Morgan Holen during site visits conducted on July 23 and 24, 2015, a subsequent site meeting with the City Arborist Mike Perkins on October 7, 2015, and site plan coordination with 3J Consulting.

Scope of Work and Limitations

Morgan Holen & Associates, LLC, was contracted by Upper Midhill Estates, LLC, to collect tree inventory data for individual trees measuring six inches and larger in diameter and to develop an arborist report and tree preservation plan for the project. The site is planned for residential development with new streets, 34 building lots, and water quality facilities. Site plans were provided by 3J Consulting illustrating the location of existing trees and potential construction impacts.

Visual Tree Assessment (VTA) was performed on individual trees located across the site. The enclosed tree inventory data and sheet C110 in the Land Use Plan Set demonstrate that all trees on the site were physically identified. VTA is the standard process whereby the inspector visually assesses the tree from a distance and up close, looking for defect symptoms and evaluating overall condition and vitality of individual trees. Trees were evaluated in terms of general condition and potential construction impacts. Following the inventory fieldwork, we coordinated with 3J Consulting to discuss tree protection recommendations.

The client may choose to accept or disregard the recommendations contained herein, or seek additional advice. Neither this author nor Morgan Holen & Associates, LLC, have assumed any responsibility for liability associated with the trees on or adjacent to this site.

General Description

The Chêne Blanc Estates project site is located at 18000-18001 Upper Midhill Drive in West Linn, Oregon. The site is undeveloped and heavily treed with a forested stand of mixed species in variable condition. The trees are undergoing natural stand dynamics, whereby trees are competing with one another; over time, some trees become dominant or codominant while others are suppressed beneath the dominant overstory. The stand is generally in good condition as an intact and undisturbed group. However, the stand has not been managed and invasive Himalayan blackberry (*Rubus armeniacus*) and English ivy (*Hedera helix*) are prolific throughout the understory. The blackberry was recently cleared to allow for better site access and VTA, but English ivy is growing up tree trunks in some areas and overtopping trees which will lead to their demise. In general, native Oregon white oak (*Quercus garryana*) and Douglas-fir (*Pseudotsuga menziesii*) are the dominant tree species in the stand and relatively in the best condition; bigleaf maple (*Acer macrophyllum*) and Oregon ash (*Fraxinus latifolia*) are the next most common tree species but are relatively in poorer condition. The location of individual trees is shown on site plan drawings and tree numbers correspond with the enclosed tree data.

Tree Inventory

In all, 502 existing trees were inventoried, including 18 different species. Table 1 provides a summary of the number of inventoried trees by species and general condition rating. The enclosed tree data provides a complete description of the individual trees.

Table 1. Number of Trees by Species and Condition – Chêne Blanc Estates.

Common Name	Species Name	Dead	Poor	Fair	Good	Total	Percent*
bignone maple	<i>Acer macrophyllum</i>	2	27	22	3	54	11%
black hawthorn	<i>Crataegus douglasii</i>		1			1	0.2%
deciduous	unknown		2			2	0.4%
Douglas-fir	<i>Pseudotsuga menziesii</i>	2	28	52	32	114	23%
English hawthorn	<i>Crataegus monogyna</i>		2	2		4	1%
English holly	<i>Ilex aquifolium</i>		1			1	0.2%
European white birch	<i>Betula pendula</i>		1			1	0.2%
grand fir	<i>Abies grandis</i>		1	1	2	4	1%
madrone	<i>Arbutus menziesii</i>		2	7	1	10	2%
Oregon ash	<i>Fraxinus latifolia</i>	1	27	39	2	69	14%
Oregon white oak	<i>Quercus garryana</i>	2	33	108	70	213	42%
Port-Orford-cedar	<i>Chamaecyparis lawsoniana</i>				1	1	0.2%
red alder	<i>Alnus rubra</i>		1	3		4	1%
Scouler's willow	<i>Salix scouleriana</i>		2	1		3	0.6%
sweet cherry	<i>Prunus avium</i>		3	7		10	2%
western redcedar	<i>Thuja plicata</i>		2	6	1	9	2%
yew	<i>Taxus brevifolia</i>			1		1	0.2%
pine	<i>Pinus spp.</i>				1	1	0.2%
Total		7 (1%)	133 (26%)	249 (50%)	113 (23%)	502	100%

*Total percent actually exceeds 100% due to rounding.

Oregon white oak and Douglas-fir account for 65% of the inventoried trees and 90% of the trees classified as being in generally good condition. These trees are scattered across the site. Where these two species are growing in close proximity to one another, the Douglas-firs are crowding the oaks because they grow faster; both species are intolerant of shade. The Douglas-firs classified as being in fair or poor condition include trees with reduced vigor, dieback, old broken tops, a history of branch failure, high live crowns, and other structural defects. The Oregon white oaks classified as being in fair or poor condition include trees that have reduced vigor, small live crowns, structural defects, ivy infestation, and those that have been overtopped by adjacent Douglas-firs. Overall, these two species have the best potential for retention with development on this site.

Bignone maple and Oregon ash account for 25% of the inventoried trees, but only five of these trees were classified as being in good condition. In general, these trees are relatively smaller than the Oregon white oaks and Douglas-firs. Common defects include poor structure, ivy infestation, small crowns, high live crowns and crowns with major asymmetry, dead and broken branches, and decay. On this site, these two species are less suitable for retention with development.

The remaining 10% of the inventoried trees include a mix of species:

- One black hawthorn (*Crataegus douglasii*) in poor condition with an old broken top, multiple leaders, advanced decay, and ivy infestation.
- Two deciduous trees of unknown species, one of which is in poor condition and heavily infested with ivy and the other which is mostly dead, with dead and broken branches and severe ivy infestation.
- Sixteen non-native and invasive trees, including four English hawthorn (*Crataegus monogyna*), one English holly (*Ilex aquifolium*), one European white birch (*Betula pendula*), and 10 sweet cherry (*Prunus avium*).
- Four grand fir (*Abies grandis*) including two in good condition and one each in fair condition with an old broken top and high live crown and in poor condition being overtopped by an adjacent Douglas-fir.
- Ten madrone (*Arbutus menziesii*), including one in good condition, seven in fair condition with dieback and structural defects, and two in poor condition with severe dieback and decay.
- One Port-Orford-cedar (*Chamaecyparis lawsoniana*) in good condition with no major defects.
- Four red alder (*Alnus rubra*) including three in fair condition with moderate defects and one in poor condition with basal and trunk decay.
- Three Scouler’s willow (*Salix scouleriana*) including one in fair condition with codominant stems and ivy infestation and two in poor condition with dieback and decay.
- Nine western redcedar (*Thuja plicata*) including one in good condition with minor crown asymmetry, six in fair condition with moderate defects and minor decay, and two in poor condition with dead tops and trunk decay.
- One yew (*Arbutus menziesii*) in fair condition with moderate structure.
- One pine of unknown species in good condition with a forked top, but no major defects.

Significant trees will be determined by the City Arborist. Based on our evaluation of the size, type, location, health, and long term survivability of the individual trees, 169 (34%) trees were identified as potentially being significant.

Tree Preservation Plan

We coordinated with the project team to discuss trees suitable for preservation in terms of potential construction impacts. Table 2 provides a summary of the number of non-significant and potentially significant trees by treatment recommendation. Note that two of the inventoried trees are located off-site and will be protected during construction (trees 2703 and 2704, an invasive English hawthorn in poor condition and a Douglas-fir in fair condition with a one-sided crown, respectively).

Table 2. Number of Inventoried Trees by Treatment Recommendation and Significance.

Treatment	Remove	Retain	Total
Non-Significant Trees	269	62	331
Potentially Significant Trees	119	50	169
Off-Site Tree to Protect	0	2	2
Total	388	114	502

Of the 502 inventoried trees, two are located off-site and will be protected during construction, while 112 on-site trees are planned for retention and 388 on-site trees are planned for removal either for construction or because of poor or non-viable condition.

The 112 trees planned for retention include 50 potentially significant trees (36 Oregon white oak, 12 Douglas-fir, one madrone, and one yew). These trees are primarily located in the rear of proposed building lots. During the tree inventory fieldwork and again during the on-site meeting with the City’s Arborist, we evaluated these trees in terms of potential impacts from adjacent tree removal. Generally, trees located within the interior of a forested stand could be negatively impacted by adjacent tree removal and present increased potential for windthrow; the interior trees are adapted to the shelter provided by dominant and edge grown trees and are likely to have smaller live crowns and relatively poor height to diameter ratios that may predispose them to failure. Only those significant trees most suitable for preservation and considered safe to retain with adjacent tree removal were considered for retention. These trees will require special consideration to assure their protection during construction.

The other 62 trees planned for retention are not likely to be considered significant, but their retention will help to keep the stand relatively intact along the north and east property boundaries and maintain some screening benefits. These trees include a mix of species in highly variable condition, which could benefit from general maintenance including removal of ivy growing up tree trunks and pruning to remove dead and defective branches. They are generally located among significant trees planned for retention and will not be impacted by the proposed construction. It is important to note that these trees should be re-evaluated during construction, at the time of site clearing, to verify that they are suitable for preservation and will not present hazard risk potential to the adjacent homes planned for development due to condition, structural defects, and exposure from nearby tree removal. We discussed this approach with the City’s Arborist during our on-site meeting and he agreed that a re-evaluation at the time of clearing should be recommended and is a reasonable approach in order to help minimize tree removal to the greatest extent possible.

The 388 trees planned for removal include 119 potentially significant trees and 269 trees that are not likely to be considered significant due to size, type, location, health, and viability. Treatment recommendations provided in the enclosed tree data note the reason that removal is necessary. Of the 119 potentially significant trees, removal is planned for: 64 trees because of proposed building, 31 trees for street construction within the right of way, and 24 trees because of grading that is necessary for other site improvements. Of the 269 trees that are not likely to be considered significant, removal is planned for: 46 trees because of poor or non-viable condition, 137 trees because of proposed building, 45 trees for street construction within the right of way, and 41 trees because of grading for other site improvements. Table 3 provides a summary of the number of trees planned for removal by reason and potential for significance.

Table 3. Number of Trees Planned for Removal by Reason and Potential Significance.

Reason for Removal	Not Significant	Potentially Significant	Total	Percent*
Condition	46	0	46	12%
Building	137	64	201	52%
Street (ROW improvements)	45	31	76	20%
Other Grading	41	24	65	17%
Total	269	119	388	100%

*Total percent actually exceeds 100% due to rounding.

Trees to be retained should be protected with tree protection fencing established at the dripline at a minimum for non-significant trees and at the dripline plus 10-feet for significant trees. In addition to the tree protection standards provided in the next section, we also recommended re-evaluation of trees

planned for retention at the time of clearing, removal of English ivy from tree trunks, and minor pruning to remove dead and defective branches for safety (to be performed by a Qualified Tree Service).

In some cases, the proposed development is likely to encroach within tree protection zones and alternative tree protection measures will be needed. In particular, standard tree protection zones overlap with allowable building footprints in the rear of lots 1-10, 13-19, and 21-34. Tree protection fencing initially installed at the dripline or dripline plus 10-feet for significant trees should only be adjusted based on coordination with the project arborist. Exploratory excavation is recommended during the site improvement phase of construction in order to locate roots of protected trees and assess potential impacts to critical roots. The contractor should coordinate with the project arborist to adjust tree protection fencing, monitor exploratory excavation, and evaluate potential root impacts. The arborist should then prepare a supplemental memorandum containing recommendations to minimize root impacts at specific trees on these lots. If critical roots are encountered, customized home plans may be needed to avoid critical root impacts and/or modified foundations may be necessary to allow encroachment into the critical root zone while avoiding excavation and root pruning by using pier and beam designs to span foundations across root zones. Tree protection recommendations specific to each lot should be required at the time of plat based on what is learned during exploratory excavation and evaluation of potential impacts in terms of lot specific building plans.

Work beneath the dripline of protected trees should be supervised by the project arborist in coordination with the City's Arborist.

Tree Protection Standards

Trees to be protected will need special consideration to assure their protection during construction. Any work that is necessary within the standard tree protection zone should be performed under the guidance of a qualified arborist. It is the Client's responsibility to implement this plan and to monitor the construction process. Tree protection measures include:

Before Construction

- 1. Tree Protection Zone.** The project arborist shall designate the Tree Protection Zone (TPZ) for each tree to be protected. Where feasible, the size of the TPZ shall be established at the dripline of the tree plus 10-feet. Alternatively, the TPZ shall be established at the dripline of protected trees. Where infrastructure (driveways, buildings, and utilities) must be installed closer to the tree(s), the TPZ may be established within the dripline area if the project arborist, in coordination with the City Arborist, determines that the tree(s) will not be unduly damaged. The location of TPZs shall be shown on construction drawings.
- 2. Protection Fencing.** Protection fencing shall serve as the tree protection zone and shall be erected before demolition, grubbing, grading, or construction begins. All trees to be retained shall be protected by six-foot-high chain link fences installed at the edge of the TPZ. Protection fencing shall be secured to two-inch diameter galvanized iron posts, driven to a depth of at least two feet, placed no further than 10-feet apart. If fencing is located on pavement, posts may be supported by an appropriate grade level concrete base. Protection fencing shall remain in place until final inspection of the project permit, or in consultation with the project arborist.
- 3. Signage.** An 8.5x11 –inch sign stating, "WARNING: Tree Protection Zone," shall be displayed on each protection fence at all times.
- 4. Designation of Cut Trees.** Trees to be removed shall be clearly marked with construction flagging, tree-marking paint, or other methods approved in advanced by the project arborist. Trees shall be carefully removed so as to avoid either above or below ground damage to those

trees to be preserved. Roots of stumps that are adjacent to retained trees shall be carefully severed prior to stump extraction.

5. **Preconstruction Conference.** The project arborist shall be on site to discuss methods of tree removal and tree protection prior to any construction.
6. **Verification of Tree Protection Measures.** Prior to commencement of construction, the project arborist shall verify in writing to the City Arborist that tree protection fencing has been satisfactorily installed.

During Construction

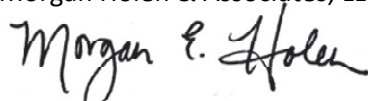
7. **Tree Protection Zone Maintenance.** The protection fencing shall not be moved, removed, or entered by equipment except under direction of the project arborist, in coordination with the City Arborist.
8. **Storage of Material or Equipment.** The contractor shall not store materials or equipment within the TPZ.
9. **Excavation within the TPZ.** Excavation within the TPZ shall be avoided if alternatives are available. If excavation within the TPZ is unavoidable, the project arborist shall evaluate the proposed excavation to determine methods to minimize impacts to trees. This can include tunneling, hand digging or other approaches. All construction within the TPZ shall be under the on-site technical supervision of the project arborist, in coordination with the City Arborist.
10. **Tree Protection Zone.** The project arborist shall monitor construction activities and progress, and provide written reports to the developer and the City at regular intervals. Tree protection inspections shall occur monthly or more frequently if needed.
11. **Quality Assurance.** The project arborist shall supervise proper execution of this plan during construction activities that could encroach on retained trees. Tree protection site inspection monitoring reports shall be provided to the Client and City on a regular basis throughout construction.

Post Construction

12. **Final Report.** After the project has been completed, the project arborist shall provide a final report to the developer and the City. The final report shall include concerns about any trees negatively impacted during construction, and describe the measures needed to maintain and protect the remaining trees for a minimum of two years after project completion.

Please contact us if you have questions or need any additional information. Thank you for choosing Morgan Holen & Associates, LLC, to provide consulting arborist services for the Chêne Blanc Estates project in West Linn.

Thank you,
Morgan Holen & Associates, LLC



Morgan E. Holen, Owner
ISA Certified Arborist, PN-6145A
ISA Tree Risk Assessment Qualified
Forest Biologist

Enclosures: MHA15012 Chêne Blanc Estates – Tree Data 7-24-15



No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2037	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	G	no major defects, twig dieback	Yes	Remove	ROW
2038	Douglas-fir	<i>Pseudotsuga menziesii</i>	38	24	G	resin flow S side of trunk	Yes	Remove	ROW
2039	Douglas-fir	<i>Pseudotsuga menziesii</i>	32	18	G	no major defects, some ivy	Yes	Remove	ROW
2040	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	12	P	windsnap	No	Remove	ROW
2042	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	20	F	forked leaders, some ivy	Yes	Remove	Building
2043	Douglas-fir	<i>Pseudotsuga menziesii</i>	32	17	F	old broken top, ivy	Yes	Remove	Building
2044	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	14	G	no major defects	Yes	Remove	Grading
2045	Port-Orford-cedar	<i>Chamaecyparis lawsoniana</i>	18	12	G	no major defects	No	Remove	ROW
2046	Douglas-fir	<i>Pseudotsuga menziesii</i>	6	8	F	growing into oak canopy	No	Remove	ROW
2047	bigleaf maple	<i>Acer macrophyllum</i>	20	24	F	trunk decay 0-6'	No	Remove	Building
2048	Oregon white oak	<i>Quercus garryana</i>	29	30	F	one-sided crown, poor scaffold branch structure, poor branch distribution	No	Remove	Building
2049	bigleaf maple	<i>Acer macrophyllum</i>	18	0	D	mostly dead, not viable	No	Remove	Building
2050	bigleaf maple	<i>Acer macrophyllum</i>	8	0	D	dead	No	Remove	Condition
2051	Oregon white oak	<i>Quercus garryana</i>	14	14	F	trunk decay 0-3', epicormics	No	Remove	Building
2052	Oregon white oak	<i>Quercus garryana</i>	16	14	F	small live crown, suppressed	No	Remove	Building
2053	Scouler's willow	<i>Salix scouleriana</i>	18	12	P	basal and trunk decay	No	Remove	Building
2054	red alder	<i>Alnus rubra</i>	8	8	P	poor structure, basal and trunk decay	No	Remove	Condition
2055	red alder	<i>Alnus rubra</i>	10	8	F	one-sided crown, not suitable for retention with adjacent removal	No	Remove	Condition
2056	Douglas-fir	<i>Pseudotsuga menziesii</i>	42	24	G	no major defects	Yes	Retain	n/a
2057	Oregon white oak	<i>Quercus garryana</i>	8,12	20	P	codominant stems, dead and broken branches, branch decay, ivy	No	Remove	Condition
2058	bigleaf maple	<i>Acer macrophyllum</i>	21	10	P	poor structure, severe ivy infestation	No	Remove	Condition
2059	bigleaf maple	<i>Acer macrophyllum</i>	14	18	P	poor rooting, drainage at base	No	Remove	Condition
2060	bigleaf maple	<i>Acer macrophyllum</i>	8	12	P	dead branches, severe ivy infestation	No	Remove	Condition

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2061	Oregon white oak	<i>Quercus garryana</i>	10,12	10	P	overtopped with ivy	No	Remove	Condition
2062	Douglas-fir	<i>Pseudotsuga menziesii</i>	34	22	F	old broken top, codom with 2063	Yes	Retain	n/a
2063	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	24	G	forked leaders, some ivy	Yes	Retain	n/a
2064	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	20	F	broken top, below dominant canopy	Yes	Retain	n/a
2065	madrone	<i>Arbutus menziesii</i>	10	9	F	small live crown, lower trunk wound, below Douglas-fir canopy	No	Remove	Condition
2066	madrone	<i>Arbutus menziesii</i>	12	10	F	dieback	No	Remove	Condition
2067	madrone	<i>Arbutus menziesii</i>	14	12	F	dieback	No	Remove	Condition
2068	madrone	<i>Arbutus menziesii</i>	13	12	P	trunk wound, forked top, crown decay	No	Remove	Condition
2069	madrone	<i>Arbutus menziesii</i>	10,16	20	P	severe dieback	No	Remove	Condition
2070	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	18	F	forked top, one-sided crown	No	Remove	Building
2071	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	18	F	basal wounds, resin flow, one-sided crown	No	Remove	Building
2072	bigleaf maple	<i>Acer macrophyllum</i>	6x8,16	22	F	7 codom stems, ivy into crown	No	Remove	Building
2073	Oregon white oak	<i>Quercus garryana</i>	24	20	F	forked leaders, some included bark, one-sided to S	No	Retain	n/a
2074	Douglas-fir	<i>Pseudotsuga menziesii</i>	38	18	F	poor structure, new leaders at old broken top, high live crown, ivy	No	Remove	Condition
2075	red alder	<i>Alnus rubra</i>	20	20	F	moderate vigor, some decay	No	Remove	Building
2076	madrone	<i>Arbutus menziesii</i>	16	20	F	32-degree self-correcting lean to S, basal decay with hollow	No	Remove	Building
2078	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	17	F	basal swelling, insects	No	Remove	Grading
2079	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	18	F	forked leaders, ivy on lower trunk	Yes	Remove	Grading
2080	Oregon white oak	<i>Quercus garryana</i>	36	28	F	moderate vigor, ivy	Yes	Remove	ROW
2081	Oregon white oak	<i>Quercus garryana</i>	22	26	G	codominant leaders, one-sided crown	Yes	Remove	ROW
2082	Oregon white oak	<i>Quercus garryana</i>	30	28	G	wound NE face 1-5'	Yes	Remove	ROW

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2083	Oregon white oak	<i>Quercus garryana</i>	14,20,24	24	G	moderate structure, ivy	Yes	Remove	ROW
2084	Oregon white oak	<i>Quercus garryana</i>	26	26	G	moderate structure, ivy	Yes	Remove	Grading
2085	Oregon white oak	<i>Quercus garryana</i>	15	26	F	natural but excessive lean to S, ivy	No	Remove	Building
2086	Oregon white oak	<i>Quercus garryana</i>	10	16	F	small live crown, poor lateral branch distribution	No	Remove	Building
2087	Oregon white oak	<i>Quercus garryana</i>	18	25	F	moderate vigor, some dieback, one-sided crown to SE, ivy	No	Remove	Building
2088	Oregon white oak	<i>Quercus garryana</i>	24	28	F	poor structure, history of major branch failure	No	Remove	Building
2089	Oregon white oak	<i>Quercus garryana</i>	14	26	F	excessive lean to E, few dead branches, ivy	No	Remove	Building
2090	Oregon white oak	<i>Quercus garryana</i>	14	16	G	one-sided crown to W, ivy up trunk	Yes	Remove	Building
2091	Oregon white oak	<i>Quercus garryana</i>	26	26	G	codominant leaders, appears stable	Yes	Remove	Building
2092	Oregon white oak	<i>Quercus garryana</i>	22	25	P	very poor structure, failing scaffold branch (only live branch)	No	Remove	Building
2093	Oregon white oak	<i>Quercus garryana</i>	24	18	F	moderate vigor, ivy	Yes	Retain	n/a
2094	Oregon white oak	<i>Quercus garryana</i>	15	24	F	natural lean to east, ivy	Yes	Retain	n/a
2095	Oregon white oak	<i>Quercus garryana</i>	12	14	F	poor lateral branch distribution, small live crown, ivy, only suitable for retention with 2094	No	Retain	n/a
2096	Oregon white oak	<i>Quercus garryana</i>	8	20	F	excessive lean to NW, small live crown, ivy	No	Retain	n/a
2097	Oregon white oak	<i>Quercus garryana</i>	12	18	F	one-sided crown to N, ivy	Yes	Retain	n/a
2098	Oregon white oak	<i>Quercus garryana</i>	10,18	20	F	codominant stems, ivy inhibits complete evaluation	Yes	Retain	n/a
2099	Oregon white oak	<i>Quercus garryana</i>	24	22	G	old wound on S face, some decay	Yes	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2100	Oregon white oak	<i>Quercus garryana</i>	20	22	G	natural lean to building lot, only suitable for retention with 2101	Yes	Retain	n/a
2101	Oregon white oak	<i>Quercus garryana</i>	26	22	G	ivy up trunk, only suitable for retention with 2100	Yes	Retain	n/a
2102	Oregon white oak	<i>Quercus garryana</i>	26	20	G	old wound N face of lower trunk, no major defects, needs pruning	Yes	Retain	n/a
2103	Oregon white oak	<i>Quercus garryana</i>	8	14	F	poor structure, suitable for retention with 2102, needs pruning	No	Retain	n/a
2104	Oregon white oak	<i>Quercus garryana</i>	13	16	F	one-sided crown due to fir competition, not suitable for retention with removal of tree 2105	No	Remove	Condition
2105	Douglas-fir	<i>Pseudotsuga menziesii</i>	42	20	F	hollow with basal decay NW side	No	Remove	Condition
2106	Oregon white oak	<i>Quercus garryana</i>	12	10	P	poor structure, suppressed	No	Remove	Building
2107	Oregon white oak	<i>Quercus garryana</i>	16	24	G	upright crown structure	Yes	Remove	Building
2108	Oregon white oak	<i>Quercus garryana</i>	2x12	20	F	codominant stems, one-sided crown to NNW, some ivy	Yes	Remove	Building
2109	Oregon white oak	<i>Quercus garryana</i>	6,12	15	F	upright crown, only suitable for retention with 2110	Yes	Remove	Building
2110	Oregon white oak	<i>Quercus garryana</i>	17	18	G	one-sided to NW, lower trunk wounds	Yes	Retain	n/a
2111	Scouler's willow	<i>Salix scouleriana</i>	12	10	P	dieback, decay, poor structure	No	Remove	Building
2112	Oregon white oak	<i>Quercus garryana</i>	16	20	F	moderate structure, only suitable for retention in group	Yes	Retain	n/a
2113	Oregon white oak	<i>Quercus garryana</i>	10	15	F	small live crown, one-sided to east, only suitable for retention in group	Yes	Retain	n/a
2114	Oregon white oak	<i>Quercus garryana</i>	15	16	F	numerous upright leaders, only suitable for retention in group	Yes	Retain	n/a

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2115	Oregon white oak	<i>Quercus garryana</i>	12	16	F	moderate structure, few dead branches, ivy, only suitable for retention in group	Yes	Retain	n/a
2116	Oregon white oak	<i>Quercus garryana</i>	16	24	F	natural lean to NE	Yes	Retain	n/a
2117	Douglas-fir	<i>Pseudotsuga menziesii</i>	40	34	G	no major defects, some ivy at base	Yes	Retain	n/a
2118	Oregon white oak	<i>Quercus garryana</i>	14	20	F	crowded by adjacent firs	No	Remove	Building
2119	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	26	F	heavy sweep, root uplift	No	Remove	Building
2120	Douglas-fir	<i>Pseudotsuga menziesii</i>	37	22	G	no major defects, old buttress wound, root damage, ivy on lower trunk	Yes	Remove	ROW
2121	bigleaf maple	<i>Acer macrophyllum</i>	16	18	F	moderate structure, some ivy	No	Remove	Grading
2122	Oregon white oak	<i>Quercus garryana</i>	18	20	P	poor structure, small live crown	No	Remove	Building
2123	Oregon white oak	<i>Quercus garryana</i>	13	20	F	natural lead, one-sided crown to E, old trunk wound	Yes	Remove	Grading
2124	Oregon white oak	<i>Quercus garryana</i>	20	30	G	natural lean to S, one-sided crown, some ivy	Yes	Remove	Building
2125	Oregon white oak	<i>Quercus garryana</i>	16	30	G	natural lean to N, one-sided crown, ivy	Yes	Remove	Building
2126	Oregon white oak	<i>Quercus garryana</i>	16	20	G	one-sided to S, ivy	Yes	Remove	Building
2127	Oregon white oak	<i>Quercus garryana</i>	16	16	G	one-sided to N	Yes	Remove	Grading
2128	Douglas-fir	<i>Pseudotsuga menziesii</i>	32	24	G	dominant tree, ivy up lower trunk	Yes	Remove	Building
2129	Oregon white oak	<i>Quercus garryana</i>	7	10	F	suppressed, small live crown	No	Remove	Condition
2130	Oregon white oak	<i>Quercus garryana</i>	16	24	F	moderate structure, one-sided to W	Yes	Remove	Building
2131	Oregon white oak	<i>Quercus garryana</i>	10	10	P	poor structure, small high live crown	No	Remove	Building
2132	Oregon white oak	<i>Quercus garryana</i>	10	6	F	small live crown, only suitable for retention in group	Yes	Retain	n/a
2133	Oregon white oak	<i>Quercus garryana</i>	14	18	G	one-sided crown to S, only suitable for retention in group	Yes	Retain	n/a
2134	bigleaf maple	<i>Acer macrophyllum</i>	2x9	6	P	mostly dead, not viable	No	Remove	Condition

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2135	Oregon white oak	<i>Quercus garryana</i>	12	10	F	very upright small live crown, only suitable for retention in group	Yes	Retain	n/a
2136	Oregon white oak	<i>Quercus garryana</i>	26	26	G	some branch decay, only suitable for retention in group	Yes	Retain	n/a
2137	Oregon white oak	<i>Quercus garryana</i>	8	6	P	very small live crown	No	Remove	Building
2138	Douglas-fir	<i>Pseudotsuga menziesii</i>	42	26	G	codom with 2139	Yes	Remove	Building
2139	Douglas-fir	<i>Pseudotsuga menziesii</i>	42	26	G	codom with 2138	Yes	Remove	Building
2140	Douglas-fir	<i>Pseudotsuga menziesii</i>	15	16	F	intermediate crown class	No	Remove	Building
2142	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	18	F	moderate structure	No	Remove	Building
2143	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	18	F	broken top, ivy	No	Remove	Building
2145	Oregon white oak	<i>Quercus garryana</i>	10	10	F	small upright crown, mostly to NNW	No	Remove	Building
2146	bigleaf maple	<i>Acer macrophyllum</i>	24	20	F	hollow with basal decay	No	Remove	Building
2147	Oregon white oak	<i>Quercus garryana</i>	12,18	18	G	codominant stems, crown asymmetry to NNW	Yes	Remove	Building
2148	Oregon white oak	<i>Quercus garryana</i>	15	16	F	moderate vigor, high live crown	No	Remove	Building
2149	Douglas-fir	<i>Pseudotsuga menziesii</i>	34	20	G	dominant tree	Yes	Remove	Building
2150	Oregon white oak	<i>Quercus garryana</i>	14	18	G	few dead branches	Yes	Remove	Building
2151	Oregon white oak	<i>Quercus garryana</i>	15	14	G	forked leaders	Yes	Remove	Building
2152	Oregon ash	<i>Fraxinus latifolia</i>	21	12	P	dead top, decay	No	Remove	ROW
2153	Oregon ash	<i>Fraxinus latifolia</i>	26	12	P	advanced trunk decay, broken top	No	Remove	ROW
2154	Oregon white oak	<i>Quercus garryana</i>	16	18	F	moderate structure, crown decay	No	Remove	ROW
2155	Oregon white oak	<i>Quercus garryana</i>	12	10	F	moderate structure	No	Remove	Grading
2156	Oregon white oak	<i>Quercus garryana</i>	15	11	F	forked leaders	No	Remove	Grading
2157	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	20	F	broken top, very high live crown	No	Remove	Building
2158	Oregon white oak	<i>Quercus garryana</i>	12	11	F	overtopped, old trunk wound	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2159	Oregon white oak	<i>Quercus garryana</i>	2x10	11	F	old broken top, poor structure, old trunk wound	No	Remove	Building
2160	Oregon white oak	<i>Quercus garryana</i>	12	11	F	overtopped by adjacent trees	No	Remove	Building
2161	Oregon white oak	<i>Quercus garryana</i>	15	16	F	below dominant fir canopy	No	Remove	Building
2162	Douglas-fir	<i>Pseudotsuga menziesii</i>	22	18	G	no major defects	Yes	Remove	Building
2163	bigleaf maple	<i>Acer macrophyllum</i>	15	12	P	trunk decay, excessive lean	No	Remove	Building
2164	Oregon white oak	<i>Quercus garryana</i>	12	12	F	below dominant canopy, moderate structure	No	Remove	Building
2165	Douglas-fir	<i>Pseudotsuga menziesii</i>	34	23	P	decline, dead and broken branches, epicormics	No	Remove	Grading
2166	Oregon white oak	<i>Quercus garryana</i>	14	16	F	basal decay	No	Remove	ROW
2167	Oregon white oak	<i>Quercus garryana</i>	12	24	F	one-sided crown with lean to W	No	Remove	ROW
2168	Oregon white oak	<i>Quercus garryana</i>	19	24	G	few dead branches	Yes	Remove	ROW
2169	Oregon white oak	<i>Quercus garryana</i>	16	18	G	high live crown	Yes	Remove	ROW
2170	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	24	P	dead and broken branches, poor structure	No	Remove	ROW
2171	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	20	P	dead and broken branches, poor structure	No	Remove	ROW
2172	Oregon white oak	<i>Quercus garryana</i>	12,16	22	G	codominant stems, upright crown	Yes	Remove	ROW
2173	Oregon white oak	<i>Quercus garryana</i>	10	10	F	small live crown	No	Remove	Grading
2174	Oregon white oak	<i>Quercus garryana</i>	14	10	P	advanced trunk decay with conks	No	Remove	Grading
2175	Oregon white oak	<i>Quercus garryana</i>	20	22	F	moderate structure, old basal wound, some branch decay	Yes	Remove	Grading
2176	Oregon ash	<i>Fraxinus latifolia</i>	14	20	F	moderate structure, not suitable for retention with adjacent removal	No	Remove	Condition
2177	Oregon white oak	<i>Quercus garryana</i>	10	6	P	poor structure, very small live crown	No	Remove	Condition



No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2178	Oregon white oak	<i>Quercus garryana</i>	12	10	P	trunk wound on S face with slim flux	No	Remove	Building
2179	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	16	F	dominant tree, ivy up lower trunk	Yes	Remove	Grading
2180	bigleaf maple	<i>Acer macrophyllum</i>	17	18	G	basal wound, some decay	No	Remove	Grading
2181	Oregon white oak	<i>Quercus garryana</i>	11	10	F	small live crown, epicormics, not suitable for retention with adjacent removal	No	Remove	Condition
2182	Oregon ash	<i>Fraxinus latifolia</i>	18	16	F	moderate structure	No	Remove	ROW
2183	Oregon white oak	<i>Quercus garryana</i>	10	6	P	broken top, advanced decay at leader juncture	No	Remove	ROW
2184	Oregon white oak	<i>Quercus garryana</i>	10	10	F	small live crown	No	Remove	ROW
2185	Oregon white oak	<i>Quercus garryana</i>	15	16	F	one-sided crown, branch decay, old basal wound	No	Remove	ROW
2186	Oregon white oak	<i>Quercus garryana</i>	12	14	F	moderate structure, one-sided crown to E	No	Remove	ROW
2187	Oregon ash	<i>Fraxinus latifolia</i>	12	15	F	basal decay	No	Remove	ROW
2188	Oregon white oak	<i>Quercus garryana</i>	8,20	25	F	moderate structure, ivy up trunk	Yes	Remove	Grading
2189	bigleaf maple	<i>Acer macrophyllum</i>	14	12	F	moderate structure, ivy up trunk	No	Remove	Grading
2190	Oregon white oak	<i>Quercus garryana</i>	20	18	F	moderate structure	Yes	Remove	Grading
2191	Oregon white oak	<i>Quercus garryana</i>	10	8	P	very small live crown	No	Remove	Grading
2192	Oregon white oak	<i>Quercus garryana</i>	16	16	G	upright crown structure, some ivy	Yes	Remove	Grading
2193	Oregon white oak	<i>Quercus garryana</i>	10	14	F	below dominant canopy	Yes	Remove	Grading
2194	Oregon white oak	<i>Quercus garryana</i>	28	22	G	moderate structure	Yes	Remove	Building
2195	Oregon white oak	<i>Quercus garryana</i>	36	24	G	some basal decay	Yes	Remove	Building
2196	Oregon ash	<i>Fraxinus latifolia</i>	16	15	F	growing into oak canopy, not suitable for retention with adjacent removal	No	Remove	Condition
2197	Oregon white oak	<i>Quercus garryana</i>	18	14	F	upright crown, one-sided to E	Yes	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2198	grand fir	<i>Abies grandis</i>	24	14	G	trunk sweep at ~10'	Yes	Remove	Grading
2199	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	12	F	old broken top, crook in trunk, ivy on lower trunk	No	Remove	ROW
2200	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	14	G	codominant crown class	Yes	Remove	Building
2201	Oregon white oak	<i>Quercus garryana</i>	10	6	P	poor structure, trunk wound	No	Remove	Building
2202	bigleaf maple	<i>Acer macrophyllum</i>	10,12,2x14	20	F	moderate structure, hollow with trunk decay	No	Remove	Grading
2203	Douglas-fir	<i>Pseudotsuga menziesii</i>	18,26	16	F	large and numerous <i>P. pini</i> conks horizontally and laterally along trunk	No	Remove	ROW
2284	Douglas-fir	<i>Pseudotsuga menziesii</i>	14	13	F	small high live crown, ivy	No	Remove	ROW
2285	Oregon white oak	<i>Quercus garryana</i>	13	15	G	ivy and blackberry inhibited complete visual assessment	No	Remove	ROW
2286	Oregon white oak	<i>Quercus garryana</i>	16	16	G	moderate structure, ivy on lower trunk inhibited complete visual assessment	Yes	Remove	Grading
2287	Oregon white oak	<i>Quercus garryana</i>	28	28	G	some branch decay, ivy on lower trunk inhibited complete visual assessment	Yes	Retain	n/a
2288	Oregon white oak	<i>Quercus garryana</i>	28	32	G	somewhat one-sided to S	Yes	Remove	Building
2289	Oregon ash	<i>Fraxinus latifolia</i>	13	18	F	in crown of oak, not suitable for retention with adjacent removal	No	Remove	Condition
2290	Oregon white oak	<i>Quercus garryana</i>	24	20	G	moderate crown structure, ivy up trunk	Yes	Remove	Building
2291	Oregon white oak	<i>Quercus garryana</i>	27	26	F	one-sided to W, few dead and broken branches	Yes	Remove	Grading
2292	Oregon white oak	<i>Quercus garryana</i>	16	20	G	moderate structure	Yes	Remove	ROW
2293	Oregon white oak	<i>Quercus garryana</i>	23	20	F	branch dieback, epicormics	No	Remove	ROW
2294	Oregon white oak	<i>Quercus garryana</i>	20	14	F	hollow with advanced decay 30-40' just below main crown weight	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2295	Oregon white oak	<i>Quercus garryana</i>	18	12	P	very poor crown structure, extensive ivy on lower trunk	No	Remove	Building
2296	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	14	F	competing with oaks	No	Remove	Building
2297	Oregon white oak	<i>Quercus garryana</i>	24	26	G	some branch decay	Yes	Remove	Building
2298	Oregon white oak	<i>Quercus garryana</i>	12	8	P	very poor structure, small live crown	No	Remove	Building
2299	sweet cherry	<i>Prunus avium</i>	15	12	F	invasive species	No	Remove	Building
2300	Oregon white oak	<i>Quercus garryana</i>	24	20	F	some branch decay, one-sided to S	Yes	Remove	Building
2301	bigleaf maple	<i>Acer macrophyllum</i>	10	10	F	small one-sided crown to S	No	Remove	Building
2302	madrone	<i>Arbutus menziesii</i>	24	24	F	basal decay on N and S sides, some branch decay	Yes	Remove	Building
2303	Oregon white oak	<i>Quercus garryana</i>	12	10	F	in crown of madrone	No	Remove	Building
2304	Oregon white oak	<i>Quercus garryana</i>	25	24	G	moderate crown structure	Yes	Remove	Building
2305	bigleaf maple	<i>Acer macrophyllum</i>	14	16	F	poor structure, hollow with decay	No	Remove	Building
2306	Oregon white oak	<i>Quercus garryana</i>	21	16	F	very upright crown, crown decay	No	Remove	Building
2307	bigleaf maple	<i>Acer macrophyllum</i>	10	8	P	overtopped by adjacent trees	No	Remove	Building
2308	bigleaf maple	<i>Acer macrophyllum</i>	12	16	P	poor structure, dead and broken branches, branch decay	No	Remove	Building
2309	bigleaf maple	<i>Acer macrophyllum</i>	12	16	P	broken top, decay	No	Remove	Building
2310	bigleaf maple	<i>Acer macrophyllum</i>	8	12	P	below dominant canopy, high live crown	No	Remove	Building
2311	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	G	few dead branches, ivy on lower trunk, unable to see top	Yes	Remove	Building
2312	Douglas-fir	<i>Pseudotsuga menziesii</i>	10	0	D	dead	No	Remove	Condition
2313	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	16	P	broken top, below dominant canopy, ivy on lower trunk	No	Remove	Condition
2314	Douglas-fir	<i>Pseudotsuga menziesii</i>	17	0	D	dead	No	Remove	Grading
2315	bigleaf maple	<i>Acer macrophyllum</i>	3x9	20	F	poor structure, ivy infestation	No	Remove	ROW

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2316	Douglas-fir	<i>Pseudotsuga menziesii</i>	42	24	F	suspect lower trunk decay, hollow sounding, bird/insect activity	No	Remove	ROW
2317	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	15	P	decline, dead and broken branches	No	Remove	ROW
2318	Oregon white oak	<i>Quercus garryana</i>	26	24	G	good crown structure, ivy inhibited complete visual assessment	Yes	Remove	Grading
2319	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	16	F	dead and broken branches, codominant crown class, some ivy	No	Remove	Building
2320	Douglas-fir	<i>Pseudotsuga menziesii</i>	10	8	P	suppressed	No	Remove	Building
2321	western redcedar	<i>Thuja plicata</i>	12	10	F	one-sided crown	No	Remove	Grading
2322	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	20	G	dominant tree, unable to see top	Yes	Remove	Building
2323	bigleaf maple	<i>Acer macrophyllum</i>	16	22	F	moderate structure, some branch decay, ivy	No	Remove	Grading
2324	red alder	<i>Alnus rubra</i>	14	16	F	moderate structure, some ivy	No	Remove	Grading
2325	Oregon white oak	<i>Quercus garryana</i>	26	20	G	some branch decay, crown asymmetry	Yes	Remove	ROW
2326	Oregon white oak	<i>Quercus garryana</i>	25	30	G	small hollow with some decay at 30', also some branch decay	Yes	Remove	ROW
2327	Douglas-fir	<i>Pseudotsuga menziesii</i>	16	12	P	intermediate crown class, poor structure, competing with oaks	No	Remove	ROW
2328	Oregon white oak	<i>Quercus garryana</i>	12	8	F	small live crown in direction of lean to N	No	Remove	ROW
2329	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	24	G	few dead branches, unable to see top	Yes	Remove	ROW
2330	Oregon ash	<i>Fraxinus latifolia</i>	12	12	P	poor structure, small live crown, excessive lean	No	Remove	Grading
2331	Oregon ash	<i>Fraxinus latifolia</i>	8,12	16	P	poor structure, excessive lean to SE, dead branches	No	Remove	Grading
2332	western redcedar	<i>Thuja plicata</i>	20	14	F	one-sided crown, small hollow near base	No	Remove	Grading
2333	western redcedar	<i>Thuja plicata</i>	15	10	F	one-sided crown, basal decay	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2334	western redcedar	<i>Thuja plicata</i>	10	8	P	dead top, trunk decay	No	Remove	Building
2335	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	14	P	old broken top, very poor crown structure	No	Remove	Building
2336	Douglas-fir	<i>Pseudotsuga menziesii</i>	21	16	P	old broken top, very poor crown structure	No	Remove	Building
2337	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	18	F	moderate structure, high live crown	No	Remove	ROW
2338	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	18	F	basal swelling	No	Remove	Grading
2339	grand fir	<i>Abies grandis</i>	26	18	F	old broken top, high live crown	No	Remove	Building
2340	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	18	F	moderate crown structure, dead and broken branches	No	Remove	Building
2341	grand fir	<i>Abies grandis</i>	16	12	P	overtopped by fir	No	Remove	ROW
2342	Oregon white oak	<i>Quercus garryana</i>	26	30	G	natural lean away from fir, one-sided crown to E	Yes	Remove	ROW
2343	Oregon ash	<i>Fraxinus latifolia</i>	11,15	25	P	poor structure, branch decay	No	Remove	ROW
2344	Oregon white oak	<i>Quercus garryana</i>	14	18	F	small one-sided crown to W	No	Remove	Grading
2345	Oregon white oak	<i>Quercus garryana</i>	12	12	P	old broken top, advanced decay in juncture of leader	No	Remove	Grading
2346	Douglas-fir	<i>Pseudotsuga menziesii</i>	20	20	F	moderate structure, one-sided crown	No	Remove	Grading
2347	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	22	G	dominant tree, unable to see top	Yes	Remove	Grading
2348	Oregon white oak	<i>Quercus garryana</i>	2x8	18	F	poor structure, extensive ivy	No	Remove	Grading
2349	Oregon white oak	<i>Quercus garryana</i>	26	32	G	some crown decay	Yes	Remove	Building
2350	Oregon ash	<i>Fraxinus latifolia</i>	20	17	F	moderate structure	No	Remove	Grading
2351	Oregon white oak	<i>Quercus garryana</i>	26	18	G	one-sided crown to E	Yes	Remove	Grading
2352	Oregon ash	<i>Fraxinus latifolia</i>	10	14	F	dead branches, below dominant canopy	No	Remove	ROW
2353	Oregon white oak	<i>Quercus garryana</i>	22	24	G	mostly one-side to SE	Yes	Remove	ROW
2354	Oregon white oak	<i>Quercus garryana</i>	11	10	G	no major defects	Yes	Remove	ROW

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2355	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	16	F	poor structure, history of lateral branch failure, dead and broken branches	No	Remove	Building
2356	Douglas-fir	<i>Pseudotsuga menziesii</i>	35	24	G	codominant crown class	Yes	Remove	Grading
2357	Oregon white oak	<i>Quercus garryana</i>	19	22	P	poor structure, dead and broken branches, branch decay	No	Remove	Building
2358	Oregon ash	<i>Fraxinus latifolia</i>	8	8	P	poor structure, extensive ivy	No	Remove	Building
2359	Oregon white oak	<i>Quercus garryana</i>	12	15	F	small live crown	No	Remove	ROW
2360	bigleaf maple	<i>Acer macrophyllum</i>	13	17	F	below dominant canopy, basal decay	No	Remove	ROW
2361	Oregon white oak	<i>Quercus garryana</i>	29	24	G	moderate structure	Yes	Remove	ROW
2362	bigleaf maple	<i>Acer macrophyllum</i>	10	12	P	high live crown, extensive ivy	No	Remove	Building
2363	Oregon white oak	<i>Quercus garryana</i>	24	22	G	good crown structure, some ivy at base	Yes	Remove	Building
2364	Oregon white oak	<i>Quercus garryana</i>	20	14	P	small live crown, extensive ivy into crown	No	Remove	Condition
2365	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	10	F	intermediate crown class, competing with oaks, ivy	No	Remove	Condition
2366	Oregon white oak	<i>Quercus garryana</i>	18	12	F	high upright crown, some ivy	Yes	Remove	Building
2367	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	18	F	moderate structure, competing with oaks	No	Remove	Building
2368	Oregon white oak	<i>Quercus garryana</i>	28	26	G	dead spur branch, ivy up lower trunk	Yes	Remove	Building
2369	Douglas-fir	<i>Pseudotsuga menziesii</i>	12	10	P	suppressed	No	Remove	Building
2370	bigleaf maple	<i>Acer macrophyllum</i>	10	11	F	below dominant canopy	No	Remove	Building
2371	bigleaf maple	<i>Acer macrophyllum</i>	10	10	P	poor basal structure, small live crown	No	Remove	Building
2372	bigleaf maple	<i>Acer macrophyllum</i>	6	14	P	dead and broken branches, small live crown, suppressed	No	Remove	Building
2373	bigleaf maple	<i>Acer macrophyllum</i>	10	12	P	poor structure, small live crown, dieback	No	Remove	Building
2374	bigleaf maple	<i>Acer macrophyllum</i>	12	15	F	moderate structure	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2375	bigleaf maple	<i>Acer macrophyllum</i>	18	18	F	moderate structure, dead and broken branches, some branch decay	No	Remove	Building
2376	bigleaf maple	<i>Acer macrophyllum</i>	10	16	P	very small one-sided crown, below dominant canopy	No	Remove	Building
2377	Oregon white oak	<i>Quercus garryana</i>	20,26	38	G	some crown asymmetry, some branch decay	Yes	Remove	Building
2378	bigleaf maple	<i>Acer macrophyllum</i>	8	16	P	very small one-sided live crown, below dominant canopy	No	Remove	Condition
2379	bigleaf maple	<i>Acer macrophyllum</i>	8	13	P	high live crown, below dominant canopy	No	Remove	Building
2380	Douglas-fir	<i>Pseudotsuga menziesii</i>	29	18	G	dominant tree, unable to see top, ivy on lower trunk	Yes	Retain	n/a
2381	bigleaf maple	<i>Acer macrophyllum</i>	12	20	F	moderate structure, ivy up trunk	No	Retain	n/a
2382	bigleaf maple	<i>Acer macrophyllum</i>	11	16	F	below dominant canopy	No	Retain	n/a
2383	Douglas-fir	<i>Pseudotsuga menziesii</i>	32	22	G	dominant tree, unable to see top, ivy at base	Yes	Retain	n/a
2384	bigleaf maple	<i>Acer macrophyllum</i>	10,14,18,22	30	P	poor structure, advanced basal and trunk decay, high risk to S	No	Remove	Condition
2385	bigleaf maple	<i>Acer macrophyllum</i>	6,8	15	P	extensive ivy, severe lean to N	No	Remove	Condition
2394	sweet cherry	<i>Prunus avium</i>	10	15	F	invasive species	No	Remove	Building
2395	bigleaf maple	<i>Acer macrophyllum</i>	8	15	P	growing on decay log	No	Remove	Building
2396	Oregon white oak	<i>Quercus garryana</i>	17	18	F	codominant crown class, moderate crown structure, fill at base	Yes	Remove	Building
2458	bigleaf maple	<i>Acer macrophyllum</i>	7	12	P	poor structure, small live crown	No	Remove	Grading
2459	Douglas-fir	<i>Pseudotsuga menziesii</i>	16	15	F	moderate trunk sweep, ivy	No	Remove	ROW
2461	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	15	F	extensive ivy up trunk, codominant crown class	Yes	Remove	Grading

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2462	Oregon white oak	<i>Quercus garryana</i>	12	14	F	below dominant canopy	No	Remove	Building
2463	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	G	codominant crown class	Yes	Remove	Building
2464	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	14	G	codominant crown class	Yes	Remove	Building
2469	sweet cherry	<i>Prunus avium</i>	15	16	F	invasive species	No	Remove	Grading
2470	Oregon white oak	<i>Quercus garryana</i>	14	10	P	broken top, basal decay	No	Remove	ROW
2471	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	15	G	codominant crown class, ivy	Yes	Remove	ROW
2472	Oregon white oak	<i>Quercus garryana</i>	10	6	P	suppressed by fir	No	Remove	ROW
2473	grand fir	<i>Abies grandis</i>	23	12	G	codominant crown class	Yes	Remove	ROW
2474	bigleaf maple	<i>Acer macrophyllum</i>	10	16	P	poor structure, below dominant canopy	No	Remove	ROW
2475	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	G	codominant crown class	Yes	Remove	ROW
2476	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	24	G	codominant crown class, ivy	Yes	Remove	ROW
2477	Douglas-fir	<i>Pseudotsuga menziesii</i>	22	18	F	codominant crown class	Yes	Remove	ROW
2478	Douglas-fir	<i>Pseudotsuga menziesii</i>	15	14	F	intermediate crown class, poor structure	No	Remove	ROW
2479	Douglas-fir	<i>Pseudotsuga menziesii</i>	32	24	F	codominant crown class, twig dieback, dead and broken branches	No	Remove	ROW
2480	Oregon white oak	<i>Quercus garryana</i>	18	20	P	very poor structure, decay	No	Remove	Grading
2481	Oregon ash	<i>Fraxinus latifolia</i>	18	13	F	moderate structure, few dead and broken branches	No	Remove	Grading
2482	Oregon white oak	<i>Quercus garryana</i>	36	28	G	moderate structure	Yes	Remove	Building
2483	Oregon ash	<i>Fraxinus latifolia</i>	20	20	P	failed, hung up in 2482, new leaders	No	Remove	Building
2484	Oregon white oak	<i>Quercus garryana</i>	27	30	G	some branch decay	Yes	Remove	ROW
2485	Oregon ash	<i>Fraxinus latifolia</i>	8	10	F	moderate structure	No	Remove	Building
2486	madrone	<i>Arbutus menziesii</i>	7	10	F	moderate structure	No	Remove	Building
2487	Oregon white oak	<i>Quercus garryana</i>	28	25	G	old basal wound	Yes	Remove	ROW
2488	Oregon white oak	<i>Quercus garryana</i>	14	10	F	moderate structure	Yes	Remove	Building
2489	Oregon white oak	<i>Quercus garryana</i>	12	10	F	moderate structure	Yes	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2490	Oregon white oak	<i>Quercus garryana</i>	12,18	20	F	poor structure, trunk decay	No	Remove	Building
2491	Oregon ash	<i>Fraxinus latifolia</i>	13	10	F	moderate structure	No	Remove	Building
2492	Oregon ash	<i>Fraxinus latifolia</i>	6	10	F	high live crown	No	Remove	Building
2493	Oregon white oak	<i>Quercus garryana</i>	19	20	F	poor structure, dead scaffold branch, decay	No	Remove	ROW
2494	Oregon ash	<i>Fraxinus latifolia</i>	2x6,9	10	P	dead and broken branches branch decay	No	Remove	Condition
2495	English holly	<i>Ilex aquifolium</i>	6	10	P	very poor structure, invasive species	No	Remove	Condition
2496	Oregon white oak	<i>Quercus garryana</i>	10	10	F	moderate structure, small live crown	No	Remove	Building
2497	Douglas-fir	<i>Pseudotsuga menziesii</i>	10	10	P	suppressed, extensive ivy	No	Remove	Condition
2498	Oregon white oak	<i>Quercus garryana</i>	20	18	G	some crown decay, dead branches	Yes	Remove	Building
2499	Oregon ash	<i>Fraxinus latifolia</i>	10	10	P	poor structure, extensive ivy	No	Remove	Building
2500	Oregon white oak	<i>Quercus garryana</i>	24	18	G	some branch and trunk decay, ivy	Yes	Remove	Building
2501	Oregon white oak	<i>Quercus garryana</i>	28	26	F	codom with 2498	Yes	Remove	Building
2502	Oregon white oak	<i>Quercus garryana</i>	18	16	F	moderate structure	Yes	Remove	Building
2503	Oregon ash	<i>Fraxinus latifolia</i>	10	12	P	very poor structure, ivy	No	Remove	Grading
2504	Oregon white oak	<i>Quercus garryana</i>	24	22	G	some branch decay	Yes	Remove	Grading
2505	Oregon white oak	<i>Quercus garryana</i>	12	14	F	moderate structure, small live crown	Yes	Remove	Building
2506	Oregon ash	<i>Fraxinus latifolia</i>	6	10	P	very poor structure, ivy	No	Remove	Building
2507	bigleaf maple	<i>Acer macrophyllum</i>	12	16	G	moderate structure, ivy	No	Remove	Building
2508	sweet cherry	<i>Prunus avium</i>	8	10	P	invasive species, extensive ivy	No	Remove	Grading
2509	Oregon white oak	<i>Quercus garryana</i>	10,12	16	G	very narrow one-sided crown to N	No	Remove	Building
2510	sweet cherry	<i>Prunus avium</i>	6	15	P	invasive species, poor structure	No	Remove	Building
2511	Oregon white oak	<i>Quercus garryana</i>	12	10	G	moderate structure, some branch decay	No	Remove	Building
2512	Oregon white oak	<i>Quercus garryana</i>	14	10	G	moderate structure, some branch decay	No	Remove	Building
2513	Douglas-fir	<i>Pseudotsuga menziesii</i>	14	8	P	poor structure	No	Remove	Building
2514	Oregon white oak	<i>Quercus garryana</i>	10	0	D	mostly dead, not viable	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2515	Douglas-fir	<i>Pseudotsuga menziesii</i>	15	14	F	old broken top, high live crown	No	Remove	Building
2516	madrone	<i>Arbutus menziesii</i>	23	20	G	mostly one-sided to N	Yes	Remove	Building
2517	Oregon white oak	<i>Quercus garryana</i>	10	0	D	dead	No	Remove	Grading
2518	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	16	F	extensive ivy up trunk	No	Remove	Condition
2519	Oregon ash	<i>Fraxinus latifolia</i>	8	10	P	poor structure, small live crown, ivy	No	Retain	n/a
2520	English hawthorn	<i>Crataegus monogyna</i>	6	10	P	invasive species, very poor structure	No	Remove	Condition
2521	Oregon white oak	<i>Quercus garryana</i>	13,20	16	F	3 codom stems, 1 dead, moderate structure	Yes	Remove	Building
2522	Oregon ash	<i>Fraxinus latifolia</i>	12	20	F	moderate structure	No	Retain	n/a
2523	Oregon white oak	<i>Quercus garryana</i>	20,24	20	F	moderate structure, some decay, ivy	Yes	Retain	n/a
2524	Oregon white oak	<i>Quercus garryana</i>	10,16	24	F	3 codom stems, 1 dead, very one-sided to S, moderate structure	Yes	Remove	Building
2525	Oregon ash	<i>Fraxinus latifolia</i>	20	20	F	moderate structure	No	Retain	n/a
2526	Douglas-fir	<i>Pseudotsuga menziesii</i>	29	24	F	moderate structure	Yes	Retain	n/a
2527	Oregon ash	<i>Fraxinus latifolia</i>	12	20	F	leans with crown weight to N	No	Retain	n/a
2528	Douglas-fir	<i>Pseudotsuga menziesii</i>	19	16	G	dominant tree	Yes	Retain	n/a
2529	Oregon ash	<i>Fraxinus latifolia</i>	15	16	F	moderate structure, some basal decay	No	Retain	n/a
2530	Douglas-fir	<i>Pseudotsuga menziesii</i>	20	16	F	codominant crown class, small <i>P. pini</i> conks	No	Remove	Building
2531	Oregon ash	<i>Fraxinus latifolia</i>	7	10	D	mostly dead, not viable	No	Retain	n/a
2532	madrone	<i>Arbutus menziesii</i>	8	12	F	moderate structure	Yes	Retain	n/a
2533	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	18	F	codominant crown class	Yes	Remove	Building
2534	Oregon white oak	<i>Quercus garryana</i>	13	6	P	dead top	No	Retain	n/a
2536	Oregon ash	<i>Fraxinus latifolia</i>	14	16	F	moderate structure	No	Remove	Building
2537	Oregon white oak	<i>Quercus garryana</i>	16	18	G	old trunk wounds, one-sided to E	Yes	Remove	Building
2538	Oregon white oak	<i>Quercus garryana</i>	24	28	G	few dead branches	Yes	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2539	Oregon ash	<i>Fraxinus latifolia</i>	2x10	16	P	decline, dead and broken branches	No	Remove	Building
2540	Oregon ash	<i>Fraxinus latifolia</i>	16	12	F	moderate structure, branch dieback, only suitable for retention in group	No	Remove	Building
2541	Oregon white oak	<i>Quercus garryana</i>	9	10	F	one-sided crown to NW, only suitable for retention in group	No	Remove	Building
2542	Oregon ash	<i>Fraxinus latifolia</i>	10	11	F	moderate structure	No	Retain	n/a
2543	Oregon ash	<i>Fraxinus latifolia</i>	12,16,18,24	15	P	severe decline, dead and broken branches, branch decay	No	Remove	Building
2544	Oregon ash	<i>Fraxinus latifolia</i>	10	8	P	poor structure, ivy infestation	No	Retain	n/a
2545	Douglas-fir	<i>Pseudotsuga menziesii</i>	8	9	P	suppressed	No	Retain	n/a
2546	Oregon white oak	<i>Quercus garryana</i>	26	24	G	ivy inhibited complete visual assessment	Yes	Retain	n/a
2547	Douglas-fir	<i>Pseudotsuga menziesii</i>	8	8	P	suppressed	No	Retain	n/a
2548	Oregon white oak	<i>Quercus garryana</i>	20	24	F	moderate structure, one-sided to N	Yes	Retain	n/a
2549	Oregon white oak	<i>Quercus garryana</i>	20	26	F	moderate structure, ivy	Yes	Retain	n/a
2550	Oregon white oak	<i>Quercus garryana</i>	24	26	F	moderate structure, one-sided to E, ivy	Yes	Retain	n/a
2551	English hawthorn	<i>Crataegus monogyna</i>	8	12	F	invasive species, poor structure	No	Remove	Condition
2552	Oregon ash	<i>Fraxinus latifolia</i>	2x12	18	F	moderate structure, some decay	No	Retain	n/a
2553	English hawthorn	<i>Crataegus monogyna</i>	2x8	8	F	invasive species, ivy	No	Retain	n/a
2554	Oregon ash	<i>Fraxinus latifolia</i>	2x16	20	F	moderate structure, dead branches	No	Retain	n/a
2555	Oregon ash	<i>Fraxinus latifolia</i>	6,8,12	18	F	moderate structure	No	Remove	Building
2556	Oregon white oak	<i>Quercus garryana</i>	18	20	G	ivy	Yes	Retain	n/a
2557	Oregon ash	<i>Fraxinus latifolia</i>	18	20	G	moderate structure	No	Retain	n/a
2558	Oregon ash	<i>Fraxinus latifolia</i>	8	10	F	poor structure	No	Retain	n/a
2559	Oregon ash	<i>Fraxinus latifolia</i>	15	20	G	few dead branches	No	Retain	n/a
2561	Douglas-fir	<i>Pseudotsuga menziesii</i>	9	14	P	suppressed	No	Retain	n/a
2562	Oregon ash	<i>Fraxinus latifolia</i>	2x8	10	F	poor structure	No	Retain	n/a



No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2563	Oregon ash	<i>Fraxinus latifolia</i>	12	14	F	poor structure	No	Retain	n/a
2564	Oregon ash	<i>Fraxinus latifolia</i>	24	16	F	moderate structure, dead branches	No	Retain	n/a
2565	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	24	F	ivy inhibited complete visual assessment	No	Retain	n/a
2566	Oregon white oak	<i>Quercus garryana</i>	24	22	F	moderate structure	Yes	Retain	n/a
2567	sweet cherry	<i>Prunus avium</i>	6	10	F	invasive species	No	Remove	Condition
2569	Oregon white oak	<i>Quercus garryana</i>	10,20	16	F	moderate structure, extensive ivy, codominant leaders, crown decay	No	Remove	Building
2570	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	20	G	dominant tree, ivy up lower trunk	Yes	Remove	Grading
2571	Oregon white oak	<i>Quercus garryana</i>	9	6	P	very poor structure, mostly dead	No	Remove	Condition
2572	Oregon white oak	<i>Quercus garryana</i>	16	10	F	poor structure, ivy	No	Retain	n/a
2573	Oregon white oak	<i>Quercus garryana</i>	24	20	F	moderate structure, ivy	No	Retain	n/a
2574	Oregon white oak	<i>Quercus garryana</i>	9	10	P	mostly dead, ivy	No	Retain	n/a
2575	Oregon ash	<i>Fraxinus latifolia</i>	14,22,24	20	F	moderate structure, dead and broken branches, ivy	No	Retain	n/a
2576	Oregon white oak	<i>Quercus garryana</i>	30	20	F	moderate structure, ivy	Yes	Retain	n/a
2577a	Oregon ash	<i>Fraxinus latifolia</i>	16,20,22	18	P	very poor structure, decline	No	Retain	n/a
2577b	Oregon white oak	<i>Quercus garryana</i>	10,16	18	P	very poor structure, decline	No	Retain	n/a
2578	Oregon ash	<i>Fraxinus latifolia</i>	20	24	P	moderate structure, chlorotic foliage	No	Retain	n/a
2579	Oregon white oak	<i>Quercus garryana</i>	26	24	F	moderate structure, ivy	Yes	Retain	n/a
2580	Oregon ash	<i>Fraxinus latifolia</i>	10,16	18	F	moderate structure, some decay, ivy	No	Retain	n/a
2581	Oregon white oak	<i>Quercus garryana</i>	25	20	F	moderate structure	Yes	Remove	Building
2582	Oregon white oak	<i>Quercus garryana</i>	18	16	F	moderate structure, okay in group	Yes	Remove	Building
2583	Oregon white oak	<i>Quercus garryana</i>	20	16	F	moderate structure, okay in group	Yes	Remove	Building
2584	bigleaf maple	<i>Acer macrophyllum</i>	8	12	P	suppressed	No	Remove	ROW
2585	bigleaf maple	<i>Acer macrophyllum</i>	14	16	F	moderate structure	No	Remove	Building
2586	Douglas-fir	<i>Pseudotsuga menziesii</i>	9	10	P	suppressed	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2587	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	28	G	codominant crown class, some resin on lower trunk	Yes	Remove	Grading
2588	Oregon ash	<i>Fraxinus latifolia</i>	8	8	P	poor structure, small live crown	No	Remove	Building
2662	Oregon white oak	<i>Quercus garryana</i>	18	15	F	moderate structure	Yes	Retain	n/a
2663	Douglas-fir	<i>Pseudotsuga menziesii</i>	10	10	P	suppressed	No	Remove	Grading
2664	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	18	F	moderate structure, ivy	Yes	Retain	n/a
2665	Oregon ash	<i>Fraxinus latifolia</i>	18	16	F	poor structure, extensive ivy	No	Retain	n/a
2666	Oregon white oak	<i>Quercus garryana</i>	16	15	F	moderate crown structure, extensive ivy	No	Remove	Building
2667	Oregon white oak	<i>Quercus garryana</i>	15	15	F	moderate structure, dead branches, extensive ivy	No	Retain	n/a
2668	Oregon ash	<i>Fraxinus latifolia</i>	16	18	F	moderate structure, ivy up trunk	No	Remove	Grading
2669	Oregon ash	<i>Fraxinus latifolia</i>	14	10	P	very poor structure, decay	No	Remove	Building
2670	Oregon ash	<i>Fraxinus latifolia</i>	8	10	F	poor structure, small live crown, ivy	No	Remove	Building
2671	Oregon ash	<i>Fraxinus latifolia</i>	7,12	8	P	very poor structure, dead and broken branches, decay	No	Remove	Building
2672	Oregon ash	<i>Fraxinus latifolia</i>	16	15	P	excessive lean to S, hung up in adjacent crowns	No	Remove	Building
2673	Oregon white oak	<i>Quercus garryana</i>	13	16	P	overtopped by fir	No	Remove	ROW
2675	Oregon white oak	<i>Quercus garryana</i>	16	10	P	severe ivy, poor structure, crown decay	Yes	Retain	n/a
2676	Oregon ash	<i>Fraxinus latifolia</i>	20,24	20	P	advanced trunk decay, extensive ivy	No	Retain	n/a
2677	Oregon white oak	<i>Quercus garryana</i>	16	8	P	extensive ivy infestation	Yes	Retain	n/a
2678	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	14	F	extensive ivy up lower trunk, codominant crown class	Yes	Retain	n/a
2679	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	F	dominant tree, ivy up trunk	Yes	Retain	n/a
2680	Oregon white oak	<i>Quercus garryana</i>	30	22	G	some crown decay, ivy inhibited complete visual assessment	Yes	Retain	n/a

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2681	Oregon ash	<i>Fraxinus latifolia</i>	24	20	P	one-sided crown to E, ivy up trunk, increased risk potential	No	Remove	Condition
2682	Oregon ash	<i>Fraxinus latifolia</i>	20	20	F	poor crown structure, one-sided to E, ivy up trunk	No	Retain	n/a
2683	Douglas-fir	<i>Pseudotsuga menziesii</i>	16	12	P	suppressed	No	Retain	n/a
2684	Douglas-fir	<i>Pseudotsuga menziesii</i>	16	8	P	suppressed	No	Retain	n/a
2685	Oregon ash	<i>Fraxinus latifolia</i>	10,14	12	P	poor structure, dead branches, extensive ivy	No	Retain	n/a
2686	Oregon ash	<i>Fraxinus latifolia</i>	20	20	P	poor structure, dead branches, extensive ivy	No	Retain	n/a
2687	bigleaf maple	<i>Acer macrophyllum</i>	7,12	12	P	broken top, poor structure, severe ivy	No	Retain	n/a
2688	Oregon ash	<i>Fraxinus latifolia</i>	8	14	P	dead branches, small live crown, below dominant canopy	No	Retain	n/a
2689	Oregon ash	<i>Fraxinus latifolia</i>	30	24	F	dead and broken branches, moderate structure, severe ivy infestation	No	Retain	n/a
2690	Oregon white oak	<i>Quercus garryana</i>	40	34	G	some broken branches, branch decay, ivy inhibited complete assessment	Yes	Retain	n/a
2691	bigleaf maple	<i>Acer macrophyllum</i>	12	20	P	broken tops, very poor structure, severe ivy infestation	No	Remove	Building
2692	Oregon ash	<i>Fraxinus latifolia</i>	14	12	F	moderate structure, high live crown, some ivy	No	Remove	Building
2693	bigleaf maple	<i>Acer macrophyllum</i>	3x12	16	F	high live crown, trunk and branch decay	No	Remove	Building
2694	western redcedar	<i>Thuja plicata</i>	24	14	P	dead top, trunk decay with hollows	No	Remove	Building
2695	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	16	P	poor structure, severe ivy infestation	No	Remove	Grading
2696	Oregon white oak	<i>Quercus garryana</i>	24	30	F	poor structure, rubs against 2698, ivy	No	Remove	Grading
2697	bigleaf maple	<i>Acer macrophyllum</i>	8,14,16	16	P	poor structure, severe ivy infestation	No	Remove	Grading

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
2698	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	15	F	poor stem structure, forked top, rubs against 2696	No	Remove	Grading
2699	Oregon white oak	<i>Quercus garryana</i>	30	20	P	severe ivy up trunk into crown, branch dieback	No	Retain	n/a
2700	Oregon white oak	<i>Quercus garryana</i>	20	20	P	severe ivy up trunk into crown, crown decay	No	Remove	Grading
2701	bigleaf maple	<i>Acer macrophyllum</i>	2x8	10	P	poor structure, one dead leader	No	Retain	n/a
2702	bigleaf maple	<i>Acer macrophyllum</i>	8	10	F	moderate structure, some crown decay, ivy	No	Retain	n/a
2703	English hawthorn	<i>Crataegus monogyna</i>	18	15	P	invasive species	No	Off-site	n/a
2704	Douglas-fir	<i>Pseudotsuga menziesii</i>	12	12	F	one-sided crown	No	Off-site	n/a
2705	deciduous	unknown	20	10	P	very poor structure, over taken with ivy	No	Retain	n/a
2706	western redcedar	<i>Thuja plicata</i>	24	15	G	some crown asymmetry	Yes	Remove	Building
2707	sweet cherry	<i>Prunus avium</i>	12	14	F	invasive species	No	Remove	Building
2708	sweet cherry	<i>Prunus avium</i>	8	10	F	invasive species	No	Remove	Condition
2709	sweet cherry	<i>Prunus avium</i>	12	18	F	invasive species	No	Remove	Condition
2710	Oregon white oak	<i>Quercus garryana</i>	14	20	F	high live crown, fill at base	Yes	Retain	n/a
2711	Oregon white oak	<i>Quercus garryana</i>	14	28	F	very one-sided with crown weight to S	No	Retain	n/a
2712	Oregon white oak	<i>Quercus garryana</i>	20	22	G	one-sided crown to S, ivy	Yes	Remove	ROW
2713	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	20	F	codominant crown class, some ivy, broken top, decay	No	Remove	Grading
2714	Douglas-fir	<i>Pseudotsuga menziesii</i>	24	15	G	codominant crown class, some ivy	No	Remove	Grading
2715	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	10	P	broken top, decline, extensive ivy	No	Remove	Building
3430	Douglas-fir	<i>Pseudotsuga menziesii</i>	16	16	P	suppressed	No	Remove	Building
3431	Douglas-fir	<i>Pseudotsuga menziesii</i>	36	24	F	codominant, okay in group	No	Remove	Building
3432	Douglas-fir	<i>Pseudotsuga menziesii</i>	26	20	F	codominant, okay in group	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
3433	Douglas-fir	<i>Pseudotsuga menziesii</i>	20	20	F	codominant, okay in group	No	Remove	Building
3434	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	20	P	suppressed	No	Remove	Building
3435	Oregon white oak	<i>Quercus garryana</i>	7	10	F	overtopped by firs	No	Remove	Building
3436	Oregon white oak	<i>Quercus garryana</i>	9	7	P	suppressed, advanced decay, mostly dead	No	Remove	Building
3437	Oregon ash	<i>Fraxinus latifolia</i>	12	12	F	small high live crown, ivy	No	Remove	Building
3438	Oregon ash	<i>Fraxinus latifolia</i>	8	10	F	small high live crown, ivy	No	Remove	Building
3439	bigleaf maple	<i>Acer macrophyllum</i>	10,20,24	22	F	extensive ivy inhibited complete visual assessment	No	Remove	Grading
3440	Oregon white oak	<i>Quercus garryana</i>	30	30	G	ivy inhibited complete visual assessment	Yes	Retain	n/a
3441	Oregon ash	<i>Fraxinus latifolia</i>	12	11	P	poor structure, advanced trunk decay	No	Remove	Condition
3442	Oregon ash	<i>Fraxinus latifolia</i>	7	10	F	small high live crown	No	Retain	n/a
3443	Oregon ash	<i>Fraxinus latifolia</i>	7	15	F	small high live crown	No	Retain	n/a
3444	yew	<i>Taxus brevifolia</i>	7	12	F	moderate structure	Yes	Retain	n/a
3445	sweet cherry	<i>Prunus avium</i>	10	12	P	poor structure, invasive species	No	Retain	n/a
3446	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	24	G	dominant tree, ivy at base	Yes	Remove	Building
3447	black hawthorn	<i>Crataegus douglasii</i>	12	13	P	old broken top, multiple leaders, advanced decay, ivy	No	Remove	ROW
3448	Oregon white oak	<i>Quercus garryana</i>	20	20	F	moderate structure, codominant leaders	Yes	Remove	Grading
3449	Oregon white oak	<i>Quercus garryana</i>	17	18	G	20-degree lean to N, good foliage density	Yes	Remove	ROW
3450	Oregon white oak	<i>Quercus garryana</i>	9	14	G	one-sided crown to E	No	Remove	ROW
3451	bigleaf maple	<i>Acer macrophyllum</i>	13	14	G	one-sided crown to W	No	Remove	ROW
3452	Oregon white oak	<i>Quercus garryana</i>	15	16	G	ivy	Yes	Remove	ROW

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
3453	Oregon white oak	<i>Quercus garryana</i>	2x16	24	G	moderate structure, one-sided crown to SSW	Yes	Remove	Building
3454	Oregon white oak	<i>Quercus garryana</i>	15	14	F	one-sided crown with lean to S	No	Remove	Building
3504	Oregon white oak	<i>Quercus garryana</i>	9	10	F	below dominant canopy	No	Remove	Building
3505	Oregon white oak	<i>Quercus garryana</i>	10	8	F	moderate structure, below dominant canopy, old wound on NE face	No	Remove	Building
3506	Oregon white oak	<i>Quercus garryana</i>	12	15	F	codominant with 3506, moderate structure	Yes	Remove	Building
3507	Oregon white oak	<i>Quercus garryana</i>	16	20	F	codominant with 3505, moderate structure, old wound on N face	Yes	Remove	Building
3508	Oregon white oak	<i>Quercus garryana</i>	10	10	G	below dominant canopy	Yes	Remove	Building
3509	bigleaf maple	<i>Acer macrophyllum</i>	10	15	F	poor structure, basal decay	No	Remove	Building
3510	Oregon white oak	<i>Quercus garryana</i>	9	10	F	moderate structure, forked top	Yes	Remove	Grading
3511	pine	<i>Pinus spp.</i>	11	12	G	forked top, no major defects	No	Retain	n/a
3512	western redcedar	<i>Thuja plicata</i>	5,8	10	F	codom stems ~1' above ground level, E stem topped and with new leader	No	Retain	n/a
3513	bigleaf maple	<i>Acer macrophyllum</i>	2x8	14	P	poor structure	No	Retain	n/a
3514	western redcedar	<i>Thuja plicata</i>	7	8	F	below dominant canopy	No	Retain	n/a
3515	western redcedar	<i>Thuja plicata</i>	8	8	F	trunk sweep to south	No	Retain	n/a
3516	Oregon ash	<i>Fraxinus latifolia</i>	17	16	F	high live crown, severe ivy up trunk	No	Retain	n/a
3517	European white birch	<i>Betula pendula</i>	9	10	P	invasive species	No	Remove	Condition
3518	deciduous	unknown	4,8	10	P	mostly dead, dead and broken branches, severe ivy infestation	No	Remove	Condition
3520	bigleaf maple	<i>Acer macrophyllum</i>	10	14	F	moderate structure	No	Remove	Building
3521	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	20	P	old broken top, new codom leaders, included bark, resin	No	Remove	Building

No.	Common Name	Species Name	DBH*	C-Rad^	Cond#	Comments	Sig?	Treatment	Reason
3522	Oregon white oak	<i>Quercus garryana</i>	16	20	F	moderate structure, some ivy	Yes	Remove	Building
3523	Oregon white oak	<i>Quercus garryana</i>	16	14	P	poor structure, extensive ivy	No	Remove	Condition
3524	Douglas-fir	<i>Pseudotsuga menziesii</i>	15	15	P	excessive lean into 2668, extensive ivy	No	Remove	Condition
3525	Oregon white oak	<i>Quercus garryana</i>	22	25	F	moderate structure, ivy up trunk	Yes	Retain	n/a
3526	Oregon white oak	<i>Quercus garryana</i>	20	25	F	moderate structure, ivy up trunk	Yes	Retain	n/a
3537	Oregon white oak	<i>Quercus garryana</i>	18	16	P	poor crown structure, some ivy	No	Remove	Building
3539	Oregon white oak	<i>Quercus garryana</i>	22	30	G	some branch decay	Yes	Remove	ROW
3677	Douglas-fir	<i>Pseudotsuga menziesii</i>	30	32	G	no major defects, some twig dieback, ivy up lower trunk	Yes	Remove	ROW
3767	Douglas-fir	<i>Pseudotsuga menziesii</i>	12	12	F	broken top	No	Retain	n/a
3775	Scouler's willow	<i>Salix scouleriana</i>	18	20	F	codominant stems, ivy	No	Remove	ROW
3776	Douglas-fir	<i>Pseudotsuga menziesii</i>	28	12	P	decline	No	Remove	Building
3777	Oregon white oak	<i>Quercus garryana</i>	15	14	F	moderate structure	No	Remove	Building
3778	Oregon ash	<i>Fraxinus latifolia</i>	10	12	F	small high live crown	No	Remove	Building
3779	Douglas-fir	<i>Pseudotsuga menziesii</i>	18	12	P	small live crown, epicormics	No	Remove	Building
3780	Douglas-fir	<i>Pseudotsuga menziesii</i>	15	10	F	one-sided crown, below dominant canopy, not suitable for retention with adjacent removal	No	Remove	Building

***DBH** is tree diameter measured at breast height, 4.5-feet above the ground level (inches); codominant trunks splitting below DBH are measured individually and separated by a comma, except codominant stems of equal size are noted as quantity x size.

^C-Rad is the average crown radius measured in feet.

#Cond is an arborist assigned rating to generally describe the condition of individual trees as follows- Dead; Poor; Fair; or Good condition.

Sig? asks whether or not individual trees are considered potentially significant, either Yes (likely significant) or No (not considered significant).