

Arborist Report

TO: Mike Walsh- Terrene at RH132nd, LLC

SITE: Four Parcels: APNs 3426059093, 3426059046, 3426059087, 3426059100
Located between NE 111th Ct, 132nd Ave NE, and NE 110th Ct, Redmond, WA

RE: Tree Inventory and Assessment

DATE: December 3, 2014, revised February 11, 2015

PREPARED BY: *Sean Dugan,*
ASCA Registered Consulting Arborist #457
ISA Board Certified Master Arborist PN- 5459B
ISA Qualified Tree Risk Assessor

Summary

Four-hundred and seventy (470) Significant trees were assessed and tagged with an identification number. Twelve (12) of the trees tagged appear to be located on adjacent properties based on the survey. Five (5) additional off-site Significant trees that had crowns that overhung the subject property were noted as letters.

Four-hundred and fifty-eight (458) Significant trees are located on the subject property. Twenty-three (23) trees were found to be in poor health and/or structural condition, leaving four-hundred and thirty-five (435) trees that meet the City's definition of a healthy Significant tree. Twenty-eight (28) of these are Landmark trees. None of the trees on site present a high risk potential to surrounding targets. Several trees appear to be co-owned with the adjacent properties.

ECA/Open Space Area

One-hundred and ninety-eight (198) trees were found to be located in the ECA/open space area east of the buildable area boundary. Six (6) of these trees are Landmark trees. 100 percent of the trees in the ECA/open space will be retained.

Buildable Area

Two-hundred and sixty (260) trees were found to be within the buildable area. Twenty-two (22) of these are Landmark trees. One (1) Landmark tree located in the buildable area will be retained (#931). One (1) Landmark tree within the buildable area will be impacted (#924). Four (4) significant, non-Landmark trees located within the buildable area will be impacted.

Two-hundred and fifty-four (254) trees located in the buildable area will be removed. Twenty (20) of these are Landmark trees and will be removed.

One-hundred and ninety-nine (199) trees, or 43.4 percent of the trees on the subject property, will be retained. (The subject property includes the ECA/open space area.) Five (5) trees, or 1.1 percent of the trees on the subject property, will be impacted but are likely to survive development. Two-hundred

and fifty-four (254) trees, or 55.5 percent of the trees on the subject property, will be removed. Both impacted and retained trees should have protection measures applied to them before the commencement of site work.

Two-hundred and thirty-four (234) non-Landmark trees will be removed; these trees need to be replaced at a 1:1 ratio. Twenty (20) Landmark trees will be removed; these need to be replaced at a 3:1 ratio. Provide the City with an exception request for the removal or impact of any Landmark tree. Two-hundred and ninety-four (294) new trees will be required to replace the healthy Landmark and Significant trees that are removed.

If a co-owned tree is proposed for removal permission will be needed from the adjoining property owner. Trees on adjacent properties are likely to be preserved with minimal disturbance, if careful construction techniques are implemented. Trees in the Right-of-Way (ROW) can be removed for improvements but will need to be replaced as indicated in the Redmond Zoning Code.

Obtain the necessary tree removal permission from the City of Redmond before beginning site development.

Assignment & Scope of Report

This report outlines the site inspection by Sean Dugan and J. Casey Clapp, of Tree Solutions Inc., made on November 24, 2014. I was asked to evaluate the significant trees on site, with reference to site plans for proposed development dated October 2nd, 2014 provided to me by Terrene Ventures. I was asked to review the Redmond Zoning Code (RZC) requirements as they pertain to the project. I was asked to produce an Arborist Report including the species, size, health, and designation of each tree as it relates to City code. Mike Walsh, of Terrene at RH132nd LLC, requested these services to acquire information for project planning purposes.

Specifics for each tree can be found in the attached [Table of Trees](#). A description of the number and percentages of each tree scheduled to be removed, impacted, or retained can be found in [Figure 1: Tree Inventory - Proposed Actions](#). Limits of assignment can be found in [Appendix A](#). Methods can be found in [Appendix B](#). Additional assumptions and limiting conditions can be found in [Appendix C](#). A general tree protection specification to be used for impacted trees can be found in [Appendix D](#). A site map with tree locations is attached to this report.

Observations

The Site

The site is comprised of four parcels having the parcel id numbers 3426059093, 3426059046, 3426059087, and 3426059100. The parcels combine for a total of 285,566 square feet. The west side of the property fronts 132nd Ave. NE. The property is located in a residential zone and currently has several houses and infrastructure on the west portion of the site. The site is under consideration for re-development.

The topography is generally flat where the existing development stands. To the east the topography slopes with an east aspect. The slope is 40 percent or greater and this area is considered an environmental critical area (ECA). The extent of the site can be seen on the attached site plans.

The Trees

Four-hundred and seventy trees were tagged and assessed for health and structural condition. Information specific to each tree can be found in the attached Table of Trees. Four-hundred and fifty-eight trees stand on the site (including the buildable area and the ECA/open space area). Trees 42, 43, 108, 168, 172, 173, 721, 897, 923, 962, 963, & 964, as well as trees B, M, CP, DA, and DP, look to be entirely on the adjacent property according to the provided survey. These trees do not factor in to any calculations or discussions hereafter. Trees 896, 918, 924, and 931 appear to be co-owned trees. Tree 918 will be impacted. Trees 896, 924, and 931 are Landmark trees; 896 will be removed, 924 will be impacted, and 931 will be retained.

Twenty-three trees were found to be in poor health and/or structural condition. None of the trees on site present a high level of risk to the surrounding targets.

Four-hundred and thirty-five Significant and Landmark trees were found to be in fair to good health and/or structural condition. Twenty-eight trees meet the City definition of a Landmark tree, having a DSH of greater than 30-inches. All of these were found to be in fair to good health and/or structural condition.

One-hundred and ninety-eight trees were identified in the ECA/open space area.

Discussion

Retained, Impacted & Removed Trees

The Redmond Zoning Code (RZC) states that the tree protection area shall be a minimum of the drip line plus five additional radial feet added to the furthest extent of the drip line. Significant and Landmark trees that are proposed to be retained, removed, or may be impacted, should be shown on a Tree Preservation Plan.

Except for trees 963 and 964, the trees on the adjacent properties are in fair to good health and/or structure. None of the trees are likely to be compromised during site development if careful construction practices are implemented that do not substantially encroach into their critical root zone. Trees located in the ROW that are removed for improvements will need to be replaced at a 1:1 ratio for Significant trees and Landmark trees at a 3:1 ratio.

The RZC states that a minimum of 35-percent of all significant trees on site shall be retained on any new development site, along with all Landmark trees, unless an exception has been applied for and granted.

Figure 1 provides a description of the number and percentages of each tree scheduled to be removed, impacted, or retained, based on tree classification and site development schematics.

Figure 1: Tree Inventory - Proposed Action & Brief Definition

	Removal	Impacted	Retained	Total
Landmark (>30")	20 = 4.4%	1 = 0.2%	7 = 1.5%	28 = 6.1%
Significant (6"- 30")	234 = 51.1%	4 = 0.9%	192 = 41.9%	430 = 93.9%
Totals	254 = 55.5%	5 = 1.1%	199 = 43.4 %	458 = 100%
Replacement Trees	294	0	0	294

Numbers are generated based on site conditions, proposed development, and City requirements. Significant trees are to be replaced at a 1:1 ratio; Landmark trees at a 3:1 ratio. Each significant tree removed beyond 35-percent retention must be replaced at a 3:1 ratio.

Including all of the trees located in the ECA/open space area, a total of 43.4 percent of all of the trees on the site will be retained.

Replacement Tree Calculations

Healthy Significant trees and to be replaced at 1:1 = 1 x 234 = **234 replacement trees**. Landmark trees to be replaced at 3:1 = 3 x 20 = **60 replacement trees**.

Replacement Trees

The Redmond Zoning Code states the following:

Replacement trees are to be a minimum of:

- Two-and-one-half-inch caliper at breast height for deciduous trees
- Six feet in height for evergreen trees
- The Administrator may consider smaller-sized replacement trees if the applicant can demonstrate that smaller trees are more suited to the species, the site conditions, and the purposes of this section, and that such trees will be planted in sufficient quantities to meet the intent of this section.
- Replacement trees shall be primarily native species in order to restore and enhance the site as nearly as practicable to its pre-development character.
- The condition of replacement trees shall meet or exceed current American Nursery and Landscape Association or equivalent organization’s standards for nursery stock.
- Installation of required replacement trees shall be in accordance with best management practices for landscaping which ensure the tree’s long-term health and survival.
- All required tree replacement and other required mitigation shall be bonded or completed prior to issuance of a building permit.

Retained Tree Protective Measures – RMC Section 20D.80.20-100

(1) **Tree Protection Measures.** To ensure long-term viability of trees and stands identified for protection, permit plans and construction activities shall comply with the following minimum required tree protection:

- (a) All minimum required tree protection measures shall be shown on the tree protection and replacement plan.
- (b) All construction activities, including staging and traffic areas, shall be prohibited within five feet of the drip line of protected trees.
- (c) Tree protection barriers shall be installed along the outer edge and completely surround the drip line of significant trees to be protected prior to any land disturbance.
- (d) Tree protection barriers shall be a minimum of four feet high, constructed of chain link, or polyethylene laminar safety fencing or similar material, subject to approval by the Administrator. "Tree Protection Area" signs shall be posted visibly on all sides of the fenced areas. On large or multiple-project sites, the Administrator may also require that signs requesting subcontractor cooperation and compliance with tree protection standards be posted at site entrances.
- (e) Where tree protection areas are remote from areas of land disturbance, and where approved by the Administrator, alternative forms of tree protection may be used in lieu of tree protection barriers, provided that protected trees are completely surrounded with continuous rope or flagging and are accompanied by "Tree Save Area – Keep Out" signs.

Impacted Trees – General Tree Protection Measures

See Appendix D

Landmark Trees

There are thirty-one landmark trees that were assessed. Three of these were off site. Tree 108 will not have any development near it. Tree 721 may be impacted if the roadway to the south is improved, as shown on the site plans. Tree protection for this tree will help ensure its survival post-construction. Tree 897 is located to the north of the proposed right-of-way improvement and it will likely be compromised from development and may need to be removed. Removal of a co-owned tree or a tree on another property will require permission from the tree's owner.

According to current plans, trees 48, 54, 190, 977, 966, and 984 will be retained in the ECA area and will not be disturbed by development. Tree 931 will be retained in the buildable area. Tree 924 is an impacted tree.

Based on proposed development plans, 20 landmark trees in the buildable area will need to be removed: 714, 718, 719, 722, 728, 762, 800, 875, 879, 886, 893, 896, 898, 902, 912, 913, 922, 925, 928, and 970. These would need to be removed because disturbance during development would preclude their survival.

Recommendations

- Provide the City with a written exception request for the removal of 20 Landmark trees.
- Obtain the necessary tree removal permission from adjacent property owners and the City before developing the site.
- Obtain grading and clearing approval from the City for the removal of 10 or more trees.
- Show the drip line and the additional 5 feet radius around all retained and impacted trees.
- Install tree protection measures prior to the commencement of site work.

Attached:

Marked-up Site Plan

Glossary

co-dominant stems: stems or branches of nearly equal diameter, often weakly attached (Matheny *et al.* 1998)

crown/canopy: the aboveground portions of a tree (Lilly 2001)

DSH: diameter at standard height; the diameter of the trunk measured 54 inches (4.5 feet) above grade (Matheny *et al.* 1998)

ISA: International Society of Arboriculture

included bark: bark that becomes embedded in a crotch between branch and trunk or between codominant stems and causes a weak structure (Lilly 2001)

Landmark tree: A healthy tree with a DSH greater than 30-inches. (RZC)

significant size: a tree measuring 6" DSH or greater (RZC)

structural defects: flaws, decay, or other faults in the trunk, branches, or root collar of a tree, which may lead to failure (Lilly 2001)

References

ANSI A300 (Part 1) – 2008 American National Standards Institute. American National Standard for Tree Care Operations: Tree, Shrub, and Other Woody Plant Maintenance: Standard Practices (Pruning). New York: Tree Care Industry Association, 2008.

Dunster & Associates Environmental Consultants Ltd. Assessing Trees in Urban Areas and the Urban-Rural Interface, US Release 1.0. Silverton: Pacific Northwest Chapter ISA, 2006

Lilly, Sharon. Arborists' Certification Study Guide. Champaign, IL: The International Society of Arboriculture, 2001.

Matheny, Nelda and James R. Clark. Trees and Development: A Technical Guide to Preservation of Trees During Land Development. Champaign, IL: International Society of Arboriculture, 1998.

Mattheck, Claus and Helge Breloer, The Body Language of Trees.: A Handbook for Failure Analysis. London: HMSO, 1994.

Redmond Zoning Code. <http://www.codepublishing.com/WA/redmond.html> (Accessed November 13, 2013)

Appendix A - Limits of Assignment

Unless stated otherwise: 1) information contained in this report covers only those trees that were examined and reflects the condition of those trees at the time of inspection; and 2) the inspection is limited to visual examination of the subject trees without dissection, excavation, probing, climbing, or coring unless explicitly specified. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject trees may not arise in the future.

Tree Solutions did not review any reports or perform any tests related to the soil located on the subject property unless outlined in the scope of services. Tree Solutions staff are not and do not claim to be soils experts. An independent inventory and evaluation of the site's soil should be obtained by a qualified professional if an additional understanding of the site's characteristics is needed to make an informed decision.

Trees in the ECA were not accessed on an individual tree basis. Information collected by the site surveyor is used for the planning phase of the project.

Appendix B - Methods

I evaluated tree health and structure utilizing visual tree assessment (VTA) methods. The basis behind VTA is the identification of symptoms, which the tree produces in reaction to a weak spot or area of mechanical stress. A tree reacts to mechanical and physiological stresses by growing more vigorously to re-enforce weak areas, while depriving less stressed parts (Mattheck & Breloer 1994). An understanding of the uniform stress allows me to make informed judgments about the condition of a tree.

Each tree was tagged on the north side or where most accessible. The tree tag series used runs from 711 through 985. Within the ECA we assessed trees near the edge that could potentially be negatively impacted from site development. The remaining trees in this ECA area were not assessed but we did use the information provided by the surveyor, which we found to be fairly accurate in the tree description and size. Trees in the ECA will be retained and are unlikely to be compromised from site development.

Trees on adjacent sites that have canopy that overhang the property are indicated on the site plan.

I measured the diameter of each tree at 54 inches above grade, diameter at standard height (DSH).

If a tree has multiple stems, I measured each stem individually at standard height and determined a single-stem equivalent diameter by taking the average of the stem diameters, per Redmond Zoning Code.

Appendix C - Assumptions & Limiting Conditions

1. Consultant assumes that any legal description provided to Consultant is correct and that title to property is good and marketable. Consultant assumes no responsibility for legal matters. Consultant assumes all property appraised or evaluated is free and clear, and is under responsible ownership and competent management.
2. Consultant assumes that the property and its use do not violate applicable codes, ordinances, statutes or regulations.
3. Although Consultant has taken care to obtain all information from reliable sources and to verify the data insofar as possible, Consultant does not guarantee and is not responsible for the accuracy of information provided by others.
4. Client may not require Consultant to testify or attend court by reason of any report unless mutually satisfactory contractual arrangements are made, including payment of an additional fee for such Services as described in the Consulting Arborist Agreement.
5. Unless otherwise required by law, possession of this report does not imply right of publication or use for any purpose by any person other than the person to whom it is addressed, without the prior express written consent of the Consultant.
6. Unless otherwise required by law, no part of this report shall be conveyed by any person, including the Client, the public through advertising, public relations, news, sales or other media without the Consultant's prior express written consent.
7. This report and any values expressed herein represent the opinion of the Consultant, and the Consultant's fee is in no way contingent upon the reporting of a specific value, a stipulated result, the occurrence of a subsequent event or upon any finding to be reported.
8. All photographs included in this report were taken by Tree Solutions Inc. during the documented site visit, unless otherwise noted.
9. Sketches, drawings and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys. The reproduction of any information generated by architects, engineers or other consultants and any sketches, drawings or photographs is for the express purpose of coordination and ease of reference only. Inclusion of such information on any drawings or other documents does not constitute a representation by Consultant as to the sufficiency or accuracy of the information.
10. Unless otherwise agreed, (1) information contained in this report covers only the items examined and reflects the condition of the those items at the time of inspection; and (2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, climbing, or coring. Consultant makes no warranty or guarantee, express or implied, that the problems or deficiencies of the plans or property in question may not arise in the future.
11. Loss or alteration of any part of this Agreement invalidates the entire report.

Appendix D - Tree Protection Specifications

1. This specification must be followed for all trees that are in close proximity to any clearing and grading limits.
2. Educate all workers on site about tree protection techniques and requirements during preconstruction meetings and by sharing and posting this Tree Protection Specification.
3. After the site has been surveyed and clearing and grading stakes are in place, the project arborist should visit the site to determine the actual placement of tree protection measures based on the potential impact to tree root systems. Final adjustment of clearing limits by the arborist will be made on site prior to construction.
4. Tree Protection Zone (TPZ) fencing or other barriers shall be installed along all clearing limits to protect the Critical Root Zones (CRZ) of trees that are to be preserved. Optimal CRZ areas should be the greater of the drip line or calculated at 1-foot radius for every 1-inch of tree diameter. TPZ fencing shall be a minimum of a 4-foot tall orange plastic fencing anchored with steel stakes or a 6-foot tall chain link fence, depending on the project needs. Alternative barriers may be approved with consent of the project arborist. One entry point into the TPZ to gain access to the tree shall be provided for all trees, especially those surrounded by a chain link fence. Damaged barriers shall be re-established or replaced.
5. The project arborist may require chain link fencing or plywood boxing around trees in certain high traffic areas. The arborist will meet on site with the contractor to determine the specific types of fencing and placement, and the specific clearing instructions for areas near preserved trees. Adjustment of the initial TPZ lay out may be required as construction progresses and should be approved by the project arborist.
6. Post appropriate signage to the fencing to help convey the importance of the CRZ to workers.
7. TPZ fencing shall not be moved without authorization from the project arborist or the site supervisor. All fencing is to be left in place until the completion of the project. Tree protection signage shall be attached to fencing only.
8. A 4 to 6-inch deep layer of coarse arborist woodchips or hog fuel mulch shall be layered over the top of the soil surface. The mulch shall be kept 12-inches away from the base of any tree. Alternative mulch may be used with the prior approval of the project arborist.
9. Work required for removal of unwanted vegetation within the CRZ areas will be hand work only. NO HEAVY EQUIPMENT SHALL BE USED IN THE TPZ.
10. Within the TPZ areas, no parking, materials storage, dumping, or burning is allowed.
11. Do not attach anything to trees using nails, screws, and/or spikes.
12. Any trees adjacent to high traffic areas or building envelopes shall be pruned to attain proper safety and clearance prior to the construction. The project arborist will provide a recommendation using American national Standards Institute ANSI A300 Standard Practices for Pruning. Use of an International Society of Arboriculture Certified Arborist to perform the recommended work is strongly recommended.
13. When removing trees outside of the TPZ determined to be unacceptable for retention, use methods such as directional felling to avoid damage to trees and other valuable vegetation that is being retained. Small trees and other native vegetation in these areas should be carefully preserved.
14. Tree stumps that are within a TPZ or immediately adjacent to the CRZ of a preserved tree or other vegetation shall be removed by grinding.
15. Where the project arborist has determined that roots of a preserved tree may be encountered during excavation or grading, a Certified Arborist shall be on site to supervise any root pruning and to assess the potential impact of such pruning.
16. Excavation equipment shall have flat front buckets to be used when lowering the grade that may contact roots of a preserved tree.

17. Excavation should occur at perpendicular angles that will reduce the potential to tear and break roots further back towards the tree.
18. Any root greater than 1-inches in diameter that is encountered shall be carefully cut with a sharp tool and not torn with a backhoe. Avoid, when feasible, cutting any root greater than 4 inches in diameter. Roots cut shall be immediately covered with soil or mulch and kept moist. When roots must be exposed around concrete forms before back-filling can occur, cover the roots with wet burlap and a white plastic sheeting.
19. Where access for machinery or any vehicle is required within the CRZ or TPZ of any preserved tree, the soil should be protected from compaction. Acceptable methods include an 18 inch deep layer of wood chips or hog fuel, 1 inch thick plywood, Alturna Mats, or steel sheets be placed over the soil surface.
20. Do not trench for utilities installation or repair, or for irrigation system installation within the TPZ without consent of the project arborist. Alter routes of underground infrastructure or use alternate methods such as pipe boring, air excavation, or HVAC to work around roots.
21. Landscaping specified within the TPZ areas shall be designed to limit disturbance of surface soils and preserved vegetation. No root pruning is permitted. New plants added in these areas should be of the smallest size possible to minimize disturbance.
22. Do not change grade by cutting or filling within the TPZ without consent of the project arborist.
23. Where backfill is required within a CRZ or TPZ area, the project arborist shall determine the amount and type of fill material to be used.
24. Supplemental irrigation for all protected trees is required during the summer months or prolonged periods of dry weather. In the absence of adequate rainfall, apply at least 1 inch of water per week by deep soaking methods. **THIS IS MOST IMPORTANT FOR SUCESFUL TREE RETENTION.**
25. Fertilize trees as necessary with phosphorus, potassium, calcium, magnesium, and other macro- and micro-nutrients as indicated by a soil nutrient analysis test, but wait at least 1 year to apply any nitrogen. Nitrogen shall only be applied according to the American National Standards Institute A300 (part 2) Standard Practices for Fertilization or the International Society of Arboriculture's Best Management Practice for Fertilization.
26. Monitoring of all trees, especially those exposed to new environmental conditions such as exposure to wind, sun, or deep shade, should be monitored during construction and annually for several seasons following construction to check for adverse changes to the tree health or stability.

Copyright Tree Solutions Inc. 2011

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
1	<i>Acer macrophyllum</i>	Bigleaf maple	23.6		Good	Good	18	Retain	
2	<i>Acer macrophyllum</i>	Bigleaf maple	21.5		Good	Good	17	Retain	Phototropic
3	<i>Pseudotsuga menziesii</i>	Douglas-fir	25.0		Good	Good	14	Retain	
4	<i>Pseudotsuga menziesii</i>	Douglas-fir	23.6		Good	Good	13	Retain	
5	<i>Pseudotsuga menziesii</i>	Douglas-fir	23.0		Good	Good	16	Retain	
6	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.7		Good	Good	14	Retain	
7	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.6		Good	Good	17	Retain	
8	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.2		Good	Good	6	Retain	Suppressed
9	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.8		Good	Good	11	Retain	
10	<i>Alnus rubra</i>	Red alder	12.4*	12.3, 12.5	Good	Good	23	Retain	Co-dominant (3), 1 dead leader
11	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.7		Good	Good	8	Retain	
12	<i>Pseudotsuga menziesii</i>	Douglas-fir	23.0		Good	Good	15	Retain	
13	<i>Pseudotsuga menziesii</i>	Douglas-fir	25.2		Good	Good	17	Retain	
14	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.0		Good	Good	8	Retain	Suppressed
15	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.6		Good	Good	15	Retain	Strange wounds on branches
16	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.5		Fair	Poor	29	Retain	
17	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.6		Good	Good	14	Retain	Strange wounds on branches
18	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.7		Good	Good	14	Retain	
19	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.8		Good	Good	21	Retain	
20	<i>Acer macrophyllum</i>	Bigleaf maple	14.7*	8.5, 14.5, 14.5, 16.2, 16.5, 18.0	Fair	Fair	27	Retain	<i>Kretzschmaria deusta</i> fruiting bodies
21	<i>Alnus rubra</i>	Red alder	8.4		Good	Fair	25	Retain	Leans over ravine
22	<i>Alnus rubra</i>	Red alder	9.0		Good	Fair	17	Retain	Large dead part
23	<i>Pseudotsuga menziesii</i>	Douglas-fir	27.0		Good	Good	22	Retain	
24	<i>Pseudotsuga menziesii</i>	Douglas-fir	26.0		Good	Good	23	Retain	
25	<i>Acer macrophyllum</i>	Bigleaf maple	22.9		Good	Good	26	Retain	
26	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.4		Good	Good	22	Retain	
27	<i>Populus trichocarpa</i>	Black cottonwood	23.8		Good	Good	20	Retain	
28	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.1		Good	Good	13	Retain	
29	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.9		Good	Good	10	Retain	
30	<i>Tsuga heterophylla</i>	Western hemlock	19.8		Good	Good	15	Retain	



Table of Trees
Rose Hill Development
Redmond, WA 98033

Attachment 16
Date of Inventory: 11/13/2014
Table Prepared: 11/14/14
Table Revised: 2/11/2015

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
31	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.8		Fair	Fair	12	Retain	Suppressed
32	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.3		Good	Good	16	Retain	
33	<i>Acer macrophyllum</i>	Bigleaf maple	5.5*	4.5, 6.5	Good	Good	15	Retain	Co-dominant (2)
34	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.4		Good	Good	23	Retain	
35	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.2		Good	Good	19	Retain	
36	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.9		Good	Good	18	Retain	
37	<i>Pseudotsuga menziesii</i>	Douglas-fir	28.8		Good	Good	27	Retain	
38	<i>Acer macrophyllum</i>	Bigleaf maple	20.6*	16.2, 21.2, 24.5	Good	Good	32	Retain	Co-dominant (3)
39	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.2		Good	Good	11	Retain	
40	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.7		Good	Good	12	Retain	
41	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.9		Good	Good	8	Retain	
44	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.8		Good	Good	13	Retain	
45	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.9		Good	Good	8	Retain	Board nailed to tree
46	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.1		Good	Good	10	Retain	Previously broken top
47	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.9		Fair	Good	6	Retain	Board nailed to tree
48	<i>Pseudotsuga menziesii</i>	Douglas-fir	30.2		Good	Fair	24	Retain	
49	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.4		Fair	Good	10	Retain	Suppressed
50	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.5		Good	Good	14	Retain	
51	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.7		Good	Good	8	Retain	Suppressed
52	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.4		Good	Good	7	Retain	
53	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.8		Good	Good	8	Retain	
54	<i>Pseudotsuga menziesii</i>	Douglas-fir	52.1		Fair	Good	15	Retain	Co-dominant at 6 feet
55	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.8		Good	Good	16	Retain	Forked top
56	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.0		Good	Good	12	Retain	
57	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.7		Good	Good	8	Retain	
58	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.7		Good	Good	21	Retain	
59	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.4		Good	Good	15	Retain	Suppressed
60	<i>Pseudotsuga menziesii</i>	Douglas-fir	28.2		Good	Good	20	Retain	
61	<i>Acer macrophyllum</i>	Bigleaf maple	22.5		Good	Good	26	Retain	
62	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.3		Good	Good	12	Retain	
63	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.6		Good	Good	26	Retain	
64	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.5		Good	Good	16	Retain	
65	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.5		Good	Good	18	Retain	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
66	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.7		Good	Good	15	Retain	
67	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.4		Good	Good	14	Retain	Previously broken top
68	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.9		Good	Good	14	Retain	
69	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.8		Good	Good	19	Retain	
70	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.8		Good	Good	15	Retain	
71	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.1		Good	Good	10	Retain	Suppressed
72	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.0		Good	Good	12	Retain	
73	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.4		Good	Good	13	Retain	
74	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.4		Good	Good	8	Retain	
75	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.0		Good	Good	14	Retain	
76	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.0		Good	Good	13	Retain	
77	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.7		Good	Good	15	Retain	
78	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.9		Good	Good	17	Retain	Forked top
79	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.7		Fair	Good	12	Retain	Sparse crown
80	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.8		Good	Poor	5	Retain	Low Live Crown Ratio
81	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.7		Good	Good	9	Retain	
82	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.8		Good	Good	9	Retain	Previously dead top
83	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.1		Good	Good	6	Retain	Suppressed
84	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.0		Good	Good	13	Retain	
85	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.5		Good	Poor	17	Retain	
86	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.3		Good	Good	14	Retain	
87	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.3		Good	Fair	18	Retain	Swelling at 12 feet
88	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.6		Good	Good	14	Retain	
89	<i>Alnus rubra</i>	Red alder	9.7		Fair	Good	13	Retain	
90	<i>Prunus emarginata</i>	Bitter cherry	9.2		Good	Good	15	Retain	
91	<i>Prunus emarginata</i>	Bitter cherry	6.9		Poor	Poor	16	Retain	
92	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.2*	15.6, 16.7	Good	Good	17	Retain	Co-dominant (2)
93	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.9		Good	Good	14	Retain	
94	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.1		Good	Good	12	Retain	
95	<i>Salix scouleriana</i>	Scouler's willow	9.6		Good	Good	11	Retain	
96	<i>Salix scouleriana</i>	Scouler's willow	8.1		Good	Good	12	Retain	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
97	<i>Prunus emarginata</i>	Bitter cherry	6.6		Good	Good	11	Retain	
98	<i>Salix scouleriana</i>	Scouler's willow	8.9		Good	Good	11	Retain	
99	<i>Prunus emarginata</i>	Bitter cherry	9.2		Fair	Good	16	Retain	Cherry Bark Tortrix (CBT) <i>Enarmonia formosana</i>
100	<i>Salix scouleriana</i>	Scouler's willow	7.5*	7.5, 8.2	Good	Fair	15	Retain	
101	<i>Prunus emarginata</i>	Bitter cherry	7.5		Fair	Good	5	Retain	Cherry Bark Tortrix (CBT) <i>Enarmonia formosana</i>
102	<i>Salix scouleriana</i>	Scouler's willow	8.3*	5.0, 6.5, 9.8, 11.7	Good	Good	15	Retain	
103	<i>Rhamnus purshiana</i>	Cascara	6.3		Good	Good	12	Retain	
104	<i>Pseudotsuga menziesii</i>	Douglas-fir	5.9*	5.2, 6.5	Good	Fair	8	Retain	
105	<i>Prunus emarginata</i>	Bitter cherry	6.1		Good	Good	10	Retain	
106	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.9		Good	Good	20	Retain	
107	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.4		Good	Good	18	Retain	
109	<i>Prunus emarginata</i>	Bitter cherry	10.3		Good	Good	18	Retain	
110	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.5		Good	Good	15	Retain	
111	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.5		Good	Good	15	Retain	
112	<i>Alnus rubra</i>	Red alder	7.5		Good	Fair	15	Retain	
113	<i>Prunus emarginata</i>	Bitter cherry	11.6		Poor	Good	8	Retain	
114	<i>Pinus ponderosa</i>	Ponderosa pine	9.4		Good	Good	5	Retain	Almost dead
115	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.3		Good	Good	18	Retain	
116	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.5		Good	Good	21	Retain	
117	<i>Acer macrophyllum</i>	Bigleaf maple	19.4		Good	Good	21	Retain	
118	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.3		Good	Good	20	Retain	
119	<i>Alnus rubra</i>	Red alder	9.1		Good	Good	11	Retain	
120	<i>Acer macrophyllum</i>	Bigleaf maple	11.0		Good	Good	22	Retain	
121	<i>Pinus ponderosa</i>	Ponderosa pine	18.4		Good	Good	12	Retain	
122	<i>Pinus ponderosa</i>	Ponderosa pine	7.6		Fair	Good	12	Retain	
123	<i>Alnus rubra</i>	Red alder	6.1		Good	Good	12	Retain	
124	<i>Alnus rubra</i>	Red alder	8.8		Good	Good	12	Retain	
125	<i>Abies amabilis</i>	Pacific silver fir	6.4		Good	Good	9	Retain	
126	<i>Alnus rubra</i>	Red alder	9.2*	7.0, 11.3	Good	Good	34	Retain	
127	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.3		Fair	Fair	11	Retain	Sparse crown

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
128	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.8		Good	Good	17	Retain	
129	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.8		Good	Good	10	Retain	
130	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.5		Good	Good	18	Retain	
131	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.0		Good	Good	20	Retain	
132	<i>Abies amabilis</i>	Pacific silver fir	9.8		Good	Good	9	Retain	
133	<i>Abies amabilis</i>	Pacific silver fir	9.9		Good	Good	10	Retain	
134	<i>Abies amabilis</i>	Pacific silver fir	15.2		Good	Good	15	Retain	
135	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.6		Good	Good	14	Retain	
136	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.7		Good	Good	15	Retain	
137	<i>Alnus rubra</i>	Red alder	12.1		Good	Good	25	Retain	
138	<i>Pinus nigra</i>	Black pine	11.0		Good	Good	10	Retain	
139	<i>Abies amabilis</i>	Pacific silver fir	16.6		Good	Good	11	Retain	
140	<i>Abies amabilis</i>	Pacific silver fir	10.1		Good	Good	7	Retain	
141	<i>Abies amabilis</i>	Pacific silver fir	7.6		Fair	Fair	10	Retain	
142	<i>Pinus nigra</i>	Black pine	11.6		Fair	Good	8	Retain	Tufted needles symptom of blue stain fungus (<i>Grosmannia clavigera</i>)
143	<i>Pinus nigra</i>	Black pine	6.5		Fair	Fair	10	Retain	Tufted needles symptom of blue stain fungus (<i>Grosmannia clavigera</i>)
144	<i>Acer macrophyllum</i>	Bigleaf maple	22.5		Good	Good	31	Retain	
145	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.2		Good	Good	16	Retain	
146	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.5		Good	Good	13	Retain	
147	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.5		Good	Good	8	Retain	
148	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.5		Good	Good	16	Retain	
149	<i>Abies amabilis</i>	Pacific silver fir	8.8		Fair	Good	12	Retain	
150	<i>Abies amabilis</i>	Pacific silver fir	7.0		Good	Good	6	Retain	
151	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.5*	14.0, 15.0	Good	Good	18	Retain	Co-dominant (2)
152	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.8		Good	Good	10	Retain	
153	<i>Abies amabilis</i>	Pacific silver fir	7.0		Good	Good	12	Retain	
154	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.1		Good	Good	12	Retain	
155	<i>Abies amabilis</i>	Pacific silver fir	9.0		Good	Good	8	Retain	
156	<i>Abies amabilis</i>	Pacific silver fir	8.6		Good	Good	15	Retain	
157	<i>Abies amabilis</i>	Pacific silver fir	11.9		Good	Good	15	Retain	
158	<i>Abies amabilis</i>	Pacific silver fir	7.9		Good	Good	10	Retain	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
159	<i>Abies amabilis</i>	Pacific silver fir	6.3		Good	Good	8	Retain	
160	<i>Larix decidua</i>	European Larch	20.5		Good	Good	25	Retain	
161	<i>Abies amabilis</i>	Pacific silver fir	9.5		Good	Good	12	Retain	
162	<i>Abies amabilis</i>	Pacific silver fir	10.1		Good	Good	15	Retain	
163	<i>Alnus rubra</i>	Red alder	9.1		Poor	Poor	6	Retain	
164	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.8		Good	Good	15	Retain	<i>Kretzschmaria deusta</i> fruiting bodies
165	<i>Abies amabilis</i>	Douglas-fir	6.2		Good	Good	8	Retain	
166	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.6		Good	Good	18	Retain	
167	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.3		Good	Good	25	Retain	
169	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.4		Good	Good	17	Retain	
170	<i>Salix scouleriana</i>	Scouler's willow	5.2*	3.8, 6.0, 6.0	Good	Good	6	Retain	
171	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.2		Good	Good	15	Retain	
174	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.7		Good	Good	18	Retain	
175	<i>Acer macrophyllum</i>	Bigleaf maple	7.6		Good	Good	8	Retain	
176	<i>Prunus emarginata</i>	Bitter cherry	6.7*	6.5, 6.9	Poor	Poor	6	Retain	
177	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.6		Good	Good	8	Retain	
178	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.9		Good	Good	15	Retain	
179	<i>Chamaecyparis pisifera</i>	Sawara cypress	12.0		Good	Good	15	Retain	
180	<i>Chamaecyparis pisifera</i>	Sawara cypress	8.8		Good	Good	8	Retain	
181	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.0		Fair	Good	9	Retain	
182	<i>Prunus emarginata</i>	Bitter cherry	6.9		Good	Fair	15	Retain	
183	<i>Prunus emarginata</i>	Bitter cherry	6.9		Good	Good	8	Retain	
184	<i>Alnus rubra</i>	Red alder	7.5		Good	Good	12	Retain	
185	<i>Chamaecyparis pisifera</i>	Sawara cypress	19.1		Good	Good	12	Retain	
186	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.0		Fair	Good	8	Retain	
187	<i>Pinus monticola</i>	Western white pine	17.5		Good	Good	12	Retain	
188	<i>Pseudotsuga menziesii</i>	Douglas-fir	25.0		Good	Good	14	Retain	
189	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.8		Good	Good	28	Retain	
190	<i>Pseudotsuga menziesii</i>	Douglas-fir	40.3		Good	Good	26	Retain	
191	<i>Acer macrophyllum</i>	Bigleaf maple	11.0		Good	Good	15	Retain	
192	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.3		Good	Good	20	Retain	

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
193	<i>Salix scouleriana</i>	Scouler's willow	7.5		Good	Good	10	Retain	
194	<i>Pinus nigra</i>	black pine	17.0		Good	Good	10	Retain	
711	<i>Acer macrophyllum</i>	Bigleaf maple	14.4*	9.6, 18.9, 14.7	Good	Good	20	Remove	Co-dominant stems (3); Overhangs powerline, right-of-way tree; narrow angle of attachment on large stem
712	<i>Acer macrophyllum</i>	Bigleaf maple	14.0		Good	Good	10	Remove	On the property line, possible shared tree with ROW
713	<i>Acer macrophyllum</i>	Bigleaf maple	10.6		Good	Good	10	Remove	
714	<i>Thuja plicata</i>	Western redcedar	50.3		Good	Good	16	Remove	
715	<i>Abies amabilis</i>	Pacific silver fir	20.0		Good	Good	10	Remove	
716	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.5		Good	Good	15	Remove	
717	<i>Pinus nigra</i>	Austrian pine	26.1		Good	Fair	16	Remove	Multiple forked top
718	<i>Pseudotsuga menziesii</i>	Douglas-fir	36.5		Good	Good	20	Remove	
719	<i>Pseudotsuga menziesii</i>	Douglas-fir	41.1		Good	Good	28	Remove	
720	<i>Prunus lusitanica</i>	Portugese laural	8.0		Good	Good	7	Remove	
722	<i>Pseudotsuga menziesii</i>	Douglas-fir	43.5		Good	Good	32	Remove	Tree stand attached--remove if retained
723	<i>Thuja plicata</i>	Western redcedar	21.6		Good	Good	12	Remove	
724	<i>Thuja plicata</i>	Western redcedar	14.9		Good	Good	12	Remove	
725	<i>Acer macrophyllum</i>	Bigleaf maple	18.7*	13.0, 14.9, 21.6, 22.0, 22.1	Fair	Fair	25	Remove	Co-dominant (5); East side nice angle of attachment; multiple trunks attached at base
726	<i>Acer macrophyllum</i>	Bigleaf maple	6.7*	5.7, 6.6, 7.7	Fair	Fair	13	Remove	Co-dominant (3)
727	<i>Acer macrophyllum</i>	Bigleaf maple	8.0		Fair	Fair	20	Remove	Intermediate canopy with tree 728
728	<i>Pseudotsuga menziesii</i>	Douglas-fir	32.0		Good	Good	20	Remove	
729	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.9		Good	Fair	17	Remove	Phototropic, intermediate canopy with 728
730	<i>Thuja plicata</i>	Western redcedar	6.5		Good	Fair	9	Remove	
731	<i>Alnus rubra</i>	Red alder	7.2		Good	Good	10	Remove	
732	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.5		Good	Good	11	Remove	
733	<i>Populus trichocarpa</i>	Black cottonwood	22.6		Good	Good	25	Remove	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
734	<i>Tsuga heterophylla</i>	Western hemlock	9.3		Good	Good	14	Remove	
735	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.9		Good	Good	14	Remove	
736	<i>Populus trichocarpa</i>	Black cottonwood	25.7		Good	Good	35	Remove	Large hangers and broken limbs
737	<i>Alnus rubra</i>	Red alder	7.2		Good	Good	8	Remove	
738	<i>Alnus rubra</i>	Red alder	7.0		Fair	Fair	6	Remove	
739	<i>Alnus rubra</i>	Red alder	10.7		Fair	Fair	14	Remove	
740	<i>Alnus rubra</i>	Red alder	6.4		Fair	Fair	4	Remove	
741	<i>Alnus rubra</i>	Red alder	6.3		Fair	Fair	4	Remove	
742	<i>Alnus rubra</i>	Red alder	7.6		Fair	Fair	5	Remove	
743	<i>Alnus rubra</i>	Red alder	8.3*	6.2, 10.5	Fair	Good	14	Remove	Co-dominant (2)
744	<i>Tsuga heterophylla</i>	Western hemlock	10.1		Good	Good	10	Remove	
745	<i>Acer macrophyllum</i>	Bigleaf maple	9.8		Good	Fair	12	Remove	
746	<i>Alnus rubra</i>	Red alder	7.6		Good	Good	8	Remove	
747	<i>Acer macrophyllum</i>	Bigleaf maple	15.7		Good	Good	14	Remove	
748	<i>Alnus rubra</i>	Red alder	8.3		Good	Good	9	Remove	
749	<i>Alnus rubra</i>	Red alder	6.3		Good	Good	3	Remove	No branches, low live crown ratio
750	<i>Acer macrophyllum</i>	Bigleaf maple	21.4		Good	Good	20	Remove	
751	<i>Alnus rubra</i>	Red alder	9.0		Fair	Poor	4	Remove	Large vertical wound in trunk; decay
752	<i>Acer macrophyllum</i>	Bigleaf maple	17.9*	12.1, 23.8	Good	Fair	27	Remove	Co-dominant (2); crown cleaning if retained
753	<i>Acer macrophyllum</i>	Bigleaf maple	27.7		Good	Good	21	Remove	Crown cleaning if retained; remove dead stem
754	<i>Acer macrophyllum</i>	Bigleaf maple	14.8		Good	Fair	20	Remove	Retain with group
755	<i>Acer macrophyllum</i>	Bigleaf maple	19.8*	16.2, 17.8, 20.9, 21.7, 22.6	Good	Good	27	Remove	Co-dominant stem (5)
756	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.2		Poor	Poor	10	Remove	Low live canopy ratio; epicormic sprouts; possible root issues
757	<i>Acer macrophyllum</i>	Bigleaf maple	16.2*	11.2, 21.2	Good	Fair	15	Remove	Co-dominant (2); Small lead failed at 20 ft.
758	<i>Acer macrophyllum</i>	Bigleaf maple	18.4		Fair	Fair	18	Remove	Significant trunk wound; hollow junction
759	<i>Acer macrophyllum</i>	Bigleaf maple	16.8*	18.0, 15.6	Good	Good	22	Remove	Co-dominant (2)
760	<i>Acer macrophyllum</i>	Bigleaf maple	15.3		Good	Fair	19	Remove	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
761	<i>Acer macrophyllum</i>	Bigleaf maple	22.6		Good	Good	20	Remove	Dead small lead; dead small lead should be removed if the tree is retained
762	<i>Acer macrophyllum</i>	Bigleaf maple	33.0		Fair	Fair	35	Remove	Old tear outs, decay column in lower trunk
763	<i>Acer macrophyllum</i>	Bigleaf maple	19.5		Good	Good	20	Remove	
764	<i>Acer macrophyllum</i>	Bigleaf maple	10.3		Fair	Fair	12	Remove	Significant basal wound, decay; hollow trunk
765	<i>Acer macrophyllum</i>	Bigleaf maple	10.6		Fair	Fair	18	Remove	
766	<i>Prunus emarginata</i>	Bitter cherry	9.3*	5.5, 13.0	Poor	Poor	18	Remove	Co-dominant (2)
767	<i>Prunus emarginata</i>	Bitter cherry	13.1		Fair	Fair	12	Remove	Decayed base
768	<i>Acer macrophyllum</i>	Bigleaf maple	22.5		Good	Good	27	Remove	
769	<i>Acer macrophyllum</i>	Bigleaf maple	6.9		Fair	Fair	20	Remove	Broken top, asymmetrical; low live crown ratio
770	<i>Acer macrophyllum</i>	Bigleaf maple	8.3		Fair	Fair	9	Remove	
771	<i>Acer macrophyllum</i>	Bigleaf maple	16.0*	12.4, 19.6	Good	Good	30	Remove	Co-dominant (2)
772	<i>Acer macrophyllum</i>	Bigleaf maple	7.1		Fair	Poor	25	Remove	Low leaf crown ratio; suppressed
773	<i>Acer macrophyllum</i>	Bigleaf maple	15.0		Good	Good	20	Remove	
774	<i>Acer macrophyllum</i>	Bigleaf maple	13.8		Good	Good	20	Remove	Crown clean if retained
775	<i>Acer macrophyllum</i>	Bigleaf maple	11.4		Good	Good	20	Remove	
776	<i>Acer macrophyllum</i>	Bigleaf maple	6.5		Poor	Poor	5	Remove	Suppressed
777	<i>Acer macrophyllum</i>	Bigleaf maple	17.7		Good	Good	25	Remove	Small wound at base
778	<i>Acer macrophyllum</i>	Bigleaf maple	18.1		Good	Good	15	Remove	
779	<i>Acer macrophyllum</i>	Bigleaf maple	10.7		Good	Fair	25	Remove	Old top failure
780	<i>Acer macrophyllum</i>	Bigleaf maple	29.5		Good	Good	24	Remove	
781	<i>Acer macrophyllum</i>	Bigleaf maple	12.0		Good	Good	20	Remove	Intermediate
782	<i>Acer macrophyllum</i>	Bigleaf maple	11.9		Good	Fair	20	Remove	Lead failure; basal wound
783	<i>Acer macrophyllum</i>	Bigleaf maple	18.5		Fair	Poor	20	Remove	Low live crown ratio; <i>Kretzchumaria deutsa</i> on trunk
784	<i>Acer macrophyllum</i>	Bigleaf maple	24.0		Poor	Poor	15	Remove	
785	<i>Acer macrophyllum</i>	Bigleaf maple	21.0		Good	Good	22	Remove	Asymmetrical canopy to east
786	<i>Acer macrophyllum</i>	Bigleaf maple	11.9		Good	Fair	18	Remove	Asymmetrical canopy to west
787	<i>Acer macrophyllum</i>	Bigleaf maple	14.0		Good	Fair	18	Remove	
788	<i>Acer macrophyllum</i>	Bigleaf maple	9.0		Poor	Poor	0	Remove	Standing live snag; no branches
789	<i>Acer macrophyllum</i>	Bigleaf maple	8.0		Fair	Fair	10	Remove	Top dieback
790	<i>Acer macrophyllum</i>	Bigleaf maple	20.5		Good	Good	16	Remove	
791	<i>Pseudotsuga menziesii</i>	Douglas-fir	26.8		Good	Good	17	Remove	
792	<i>Acer macrophyllum</i>	Bigleaf maple	22.0		Good	Good	27	Remove	Spreading canopy; dead limbs

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
793	<i>Acer macrophyllum</i>	Bigleaf maple	24.0**		Good	Good	20	Remove	**Diameter taken at narrowest point below juncton; crown cleaning if retained
794	<i>Acer macrophyllum</i>	Bigleaf maple	24.4		Good	Good	22	Remove	
795	<i>Acer macrophyllum</i>	Bigleaf maple	25.8		Good	Fair	20	Remove	Large past failure
796	<i>Acer macrophyllum</i>	Bigleaf maple	13.2*	10.9, 15.5	Good	Good	16	Remove	Co-dominant (2); Dead wood; past failure
797	<i>Acer macrophyllum</i>	Bigleaf maple	15.5		Good	Good	13	Remove	
798	<i>Acer macrophyllum</i>	Bigleaf maple	17.8		Good	Good	15	Remove	
799	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.3		Fair	Good	16	Remove	Slightly sparse crown
800	<i>Acer macrophyllum</i>	Bigleaf maple	64.0**		Fair	Fair	25	Remove	**Diameter taken at narrowest point below union; central leader is dead with bird holes; co-dominant (5); <i>Kretzchmaria</i> present ; asphalt over roots; reduction pruning needed if retained
801	<i>Acer macrophyllum</i>	Bigleaf maple	7.0		Good	Good	8	Remove	
802	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.1		Fair	Poor	10	Remove	Lost top, but regrowing; odd form
803	<i>Acer macrophyllum</i>	Bigleaf maple	14.0		Fair	Poor	14	Remove	Large wound, decay on mid trunk
804	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.2		Good	Good	6	Remove	
805	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.9		Good	Good	6	Remove	
806	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.9		Good	Good	6	Remove	
807	<i>Acer macrophyllum</i>	Bigleaf maple	19.0		Good	Good	22	Remove	
808	<i>Acer macrophyllum</i>	Bigleaf maple	14.9		Fair	Good	16	Remove	Bark split; may have vascular disease
809	<i>Acer macrophyllum</i>	Bigleaf maple	19.1		Good	Good	25	Remove	
810	<i>Acer macrophyllum</i>	Bigleaf maple	11.8		Good	Good	20	Remove	
811	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.1		Good	Fair	20	Remove	Suppressed by tree 812
812	<i>Populus trichocarpa</i>	Black cottonwood	26.6		Good	Good	25	Remove	

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
813	<i>Acer macrophyllum</i>	Bigleaf maple	18.6		Good	Good	30	Remove	
814	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.7		Good	Good	10	Remove	
815	<i>Prunus emarginata</i>	Bitter cherry	8.1		Fair	Poor	8	Remove	Poor branch structure; long vertical crack in trunk; past top failure
816	<i>Prunus emarginata</i>	Bitter cherry	12.1		Fair	Fair	8	Remove	Low live crown ratio
817	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.9		Good	Good	14	Remove	
818	<i>Prunus emarginata</i>	Bitter cherry	8.9		Fair	Fair	8	Remove	Intermediate canopy
819	<i>Prunus emarginata</i>	Bitter cherry	9.9		Good	Good	22	Remove	
820	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.2		Good	Good	22	Remove	
821	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.7		Good	Good	22	Remove	Not on survey
822	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.2		Good	Fair	9	Remove	Not on survey
823	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.4		Good	Good	7	Remove	
824	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.6		Good	Good	7	Remove	
825	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.7		Good	Good	11	Remove	
826	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.0		Good	Good	8	Remove	Phototropic top moving away from 827
827	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.7		Good	Good	15	Remove	
828	<i>Betula pendula</i>	European white birch	7.9		Good	Good	9	Remove	
829	<i>Pseudotsuga menziesii</i>	Douglas-fir	28.9		Good	Good	20	Remove	
830	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.4		Good	Good	10	Remove	
831	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.6		Good	Good	14	Remove	
832	<i>Arbutus menziesii</i>	Pacific madrone	9.8		Fair	Good	12	Remove	Twig and foliar issues
833	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.0		Good	Good	14	Remove	
834	<i>Pseudotsuga menziesii</i>	Douglas-fir	10.6		Good	Good	10	Remove	
835	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.3		Good	Good	8	Remove	
836	<i>Acer macrophyllum</i>	Bigleaf maple	10.0		Good	Good	12	Remove	Intermediate canopy
837	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.8		Good	Good	16	Remove	
838	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.0		Good	Good	16	Remove	
839	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.2		Good	Good	16	Remove	
840	<i>Acer macrophyllum</i>	Bigleaf maple	13.4		Good	Good	14	Remove	
841	<i>Acer macrophyllum</i>	Bigleaf maple	8.3		Good	Good	10	Remove	Canopy asymmetrical to the south

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
842	<i>Populus trichocarpa</i>	Black cottonwood	15.5*	13.7, 17.3	Good	Good	22	Remove	Co-dominant (2); stable junction
843	<i>Acer macrophyllum</i>	Bigleaf maple	9.0		Good	Fair	12	Remove	Possibly shared with right-of-way
844	<i>Alnus rubra</i>	Red alder	8.1		Fair	Fair	10	Remove	Canopy asymmetrical
845	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.8		Good	Good	14	Remove	
846	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.3		Good	Good	16	Remove	
847	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.6		Good	Good	16	Remove	
848	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.0		Good	Good	20	Remove	
849	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.3		Good	Good	16	Remove	
850	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.0		Good	Fair	8	Remove	Intermediate canopy; inner stand tree
851	<i>Pseudotsuga menziesii</i>	Douglas-fir	9.0		Good	Fair	10	Remove	Intermediate canopy; inner stand tree; canopy asymmetrical
852	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.0		Good	Fair	16	Remove	
853	<i>Pseudotsuga menziesii</i>	Douglas-fir	11.3		Good	Fair	10	Remove	Interior stand
854	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.3		Good	Good	10	Remove	Roots obstructed by asphalt
855	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.0		Fair	Fair	10	Remove	Roots obstructed by asphalt; if retained, advanced assessment needed at base
856	<i>Acer macrophyllum</i>	Bigleaf maple	16.6*	14.5, 16.5, 16.7, 18.5	Good	Good	25	Remove	Co-dominant (4); narrow angle of attachment; roots obstructed by retaining wall, growing beneath pavement
857	<i>Pseudotsuga menziesii</i>	Douglas-fir	25.8		Good	Good	22	Remove	Roots obstructed by retaining wall
858	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.0		Good	Good	18	Remove	Canopy asymmetrical
859	<i>Pseudotsuga menziesii</i>	Douglas-fir	23.9		Good	Good	25	Remove	Canopy asymmetrical
860	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.1		Good	Fair	10	Remove	Interior canopy stand
861	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.0		Good	Fair	10	Remove	
862	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.8		Good	Good	10	Remove	Roots obstructed by asphalt
863	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.5		Good	Good	14	Remove	
864	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.4		Fair	Fair	16	Remove	Roots obstructed by asphalt; <i>Phellinus pini</i> on trunk
865	<i>Pseudotsuga menziesii</i>	Douglas-fir	29.2		Good	Good	16	Remove	
866	<i>Pseudotsuga menziesii</i>	Douglas-fir	12.8		Good	Fair	12	Remove	Starting to be suppressed
867	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.3		Good	Fair	8	Remove	
868	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.7		Fair	Fair	6	Remove	Interior stand tree; low live crown ratio
869	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.4		Poor	Poor	5	Remove	Low live crown ratio; suppressed tree

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
870	<i>Acer macrophyllum</i>	Bigleaf maple	11.4		Good	Good	18	Remove	Swollen base; advanced assessment if retained recommended
871	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.8		Fair	Fair	18	Remove	
872	<i>Pseudotsuga menziesii</i>	Douglas-fir	28.6		Good	Good	22	Remove	
873	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.4		Good	Fair	9	Remove	Suppressed tree
874	<i>Pseudotsuga menziesii</i>	Douglas-fir	27.2		Good	Good	20	Remove	Roots obstructed by asphalt
875	<i>Acer macrophyllum</i>	Bigleaf maple	34.6		Good	Good	25	Remove	Not on survey
876	<i>Acer macrophyllum</i>	Bigleaf maple	26.2		Good	Good	25	Remove	Not on survey
877	<i>Acer macrophyllum</i>	Bigleaf maple	27.4		Good	Good	23	Remove	Not on survey
878	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.3		Good	Good	20	Remove	
879	<i>Pseudotsuga menziesii</i>	Douglas-fir	30.2		Good	Good	21	Remove	Top forked at 30 feet
880	<i>Pseudotsuga menziesii</i>	Douglas-fir	29.2		Good	Good	17	Remove	
881	<i>Pseudotsuga menziesii</i>	Douglas-fir	28.9		Good	Good	18	Remove	
882	<i>Thuja plicata</i>	Western redcedar	17.1		Good	Good	15	Remove	Not on survey
883	<i>Thuja plicata</i>	Western redcedar	13.2		Good	Good	17	Remove	Not on survey
884	<i>Thuja plicata</i>	Western redcedar	14.3		Good	Good	17	Remove	Not on survey
885	<i>Cedrus deodara</i>	Himalayan cedar	17.3		Good	Good	23	Remove	Not on survey
886	<i>Pseudotsuga menziesii</i>	Douglas-fir	33.0		Good	Good	22	Remove	Not on survey
887	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.5		Good	Good	16	Remove	Not on survey
888	<i>Pseudotsuga menziesii</i>	Douglas-fir	29.7		Good	Good	23	Remove	Not on survey
889	<i>Pseudotsuga menziesii</i>	Douglas-fir	18.0		Good	Good	10	Remove	
890	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.7		Fair	Fair	5	Remove	Low live crown ratio; intermediate canopy
891	<i>Pseudotsuga menziesii</i>	Douglas-fir	16.4		Fair	Fair	7	Remove	Intermediate canopy
892	<i>Pseudotsuga menziesii</i>	Douglas-fir	21.0		Good	Good	10	Remove	
893	<i>Acer macrophyllum</i>	Bigleaf maple	35.1		Good	Good	23	Remove	Old root damage on driveway side
894	<i>Acer macrophyllum</i>	Bigleaf maple	14.0		Fair	Fair	12	Remove	Previous top failure; suppressed; forked trunk
895	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.0		Fair	Fair	6	Remove	Not on survey
896	<i>Acer macrophyllum</i>	Bigleaf maple	33.5**		Fair	Fair	20	Remove	** Diameter taken at narrowest point below union; several areas of trunk have died back; lost top

Table of Trees
Rose Hill Development
Redmond, WA 98033

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
898	<i>Pseudotsuga menziesii</i>	Douglas-fir	31.9		Good	Good	19	Remove	Needlecast present; roots obstructed by driveway
899	<i>Acer macrophyllum</i>	Bigleaf maple	23.9		Poor	Poor	22	Remove	
900	<i>Acer macrophyllum</i>	Bigleaf maple	15.6		Poor	Poor	12	Remove	Large trunk wound, extensive decay
901	<i>Pinus nigra</i>	Austrian pine	19.6		Good	Good	14	Remove	
902	<i>Pseudotsuga menziesii</i>	Douglas-fir	43.5		Good	Good	25	Remove	
903	<i>Acer macrophyllum</i>	Bigleaf maple	11.9*	9.2, 10.2, 12.4, 12.6, 15.0	Good	Good	22	Remove	Co-dominant (5)
904	<i>Acer macrophyllum</i>	Bigleaf maple	20.9		Good	Good	18	Remove	
905	<i>Pinus sylvestris</i>	Scotch pine	23.1		Good	Fair	15	Remove	Kinked top
906	<i>Alnus rubra</i>	Red alder	9.0		Good	Good	7	Remove	
907	<i>Pseudotsuga menziesii</i>	Douglas-fir	26.4		Good	Good	21	Remove	
908	<i>Thuja plicata</i>	Western redcedar	22.2		Good	Good	15	Remove	
909	<i>Acer macrophyllum</i>	Bigleaf maple	8.5		Fair	Fair	14	Remove	Trunk wound with canker
910	<i>Acer macrophyllum</i>	Bigleaf maple	15.3		Good	Good		Remove	
911	<i>Acer macrophyllum</i>	Bigleaf maple	8.0*	5.5, 10.4	Fair	Fair	18	Remove	Co-dominant (2); intermediate crown; narrow angle of attachment
912	<i>Pseudotsuga menziesii</i>	Douglas-fir	32.5		Good	Good	23	Remove	
913	<i>Pseudotsuga menziesii</i>	Douglas-fir	32.0		Good	Good	22	Remove	
914	<i>Abies amabilis</i>	Pacific silver fir	14.2		Fair	Good	13	Remove	Spider mite evidence
915	<i>Malus domestica</i>	Common apple	7.0		Good	Good	10	Remove	
916	<i>Prunus domestica</i>	Common plum	8.5**		Fair	Fair	10	Remove	**Diameter taken at narrowest point below branch union, buried trunk flare
917	<i>Malus domestica</i>	Common apple	9.8		Fair	Fair	10	Remove	
918	<i>Ilex aquifolium</i>	English holly	6.1		Good	Good	7	Impacted	
919	<i>Abies amabilis</i>	Pacific silver fir	6.2		Good	Good	6	Remove	
920	<i>Abies amabilis</i>	Pacific silver fir	6.6		Good	Good	6	Remove	
921	<i>Pseudotsuga menziesii</i>	Douglas-fir	14.0		Good	Good	10	Impacted	
922	<i>Pseudotsuga menziesii</i>	Douglas-fir	47.3		Good	Good	30	Remove	Light fixture attached
923	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.9		Fair	Good	16	Impacted	Trunk cankers
924	<i>Pseudotsuga menziesii</i>	Douglas-fir	37.0		Good	Good	22	Impacted	Shared tree
925	<i>Abies grandis</i>	Grand fir	33.7		Good	Good	17	Remove	
926	<i>Picea rubens</i>	Red spruce	8.0		Good	Good	7	Remove	

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
927	<i>Chamaecyparis obtusa</i>	Hinoki false cypress	9.3*	9.1, 9.5	Good	Good	11	Remove	Co-dominant (2)
928	<i>Cedrus deodara</i>	Himalayan cedar	34.0		Good	Fair	20	Remove	Trunk forks at 50 feet, nice angle of attachment
929	<i>Prunus emarginata</i>	Bitter cherry	14.5**		Fair	Fair	15	Remove	**Diameter taken at narrowest point below union
930	<i>Pinus nigra</i>	Austrian pine	15.0		Good	Good	20	Impacted	English ivy up the trunk 20 feet
931	<i>Pseudotsuga menziesii</i>	Douglas-fir	34.6		Good	Good	24	Retain	
932	<i>Picea pungens</i>	Colorado blue spruce	19.0		Fair	Good	14	Remove	Leans on telephone line
933	<i>Cryptomeria japonica</i>	Japanese cryptomeria	13.0		Good	Good	10	Remove	
934	<i>Prunus emarginata</i>	Bitter cherry	9.0		Fair	Fair	6	Remove	Gummosis on lower trunk
935	<i>Pseudotsuga menziesii</i>	Douglas-fir	27.5*	21.0, 30.0	Good	Good	20	Remove	Co-dominant (2)
936	<i>Prunus emarginata</i>	Bitter cherry	7.2		Fair	Fair	5	Remove	
937	<i>Prunus emarginata</i>	Bitter cherry	13.3		Fair	Fair	12	Remove	
938	<i>Prunus emarginata</i>	Bitter cherry	8.6		Fair	Fair	8	Remove	
939	<i>Alnus rubra</i>	Red alder	11.1		Good	Good	16	Remove	
940	<i>Prunus emarginata</i>	Bitter cherry	6.1		Fair	Fair	8	Remove	Gummosis on trunk
941	<i>Prunus emarginata</i>	Bitter cherry	6.7		Fair	Fair	9	Remove	Gummosis on trunk
942	<i>Alnus rubra</i>	Red alder	9.7*	9.8, 9.6	Fair	Poor	16	Remove	Co-dominant (2) from the base; hollow on tension wood side; remove structure in tree
943	<i>Alnus rubra</i>	Red alder	9.7		Good	Good	8	Remove	Top failure in past
944	<i>Alnus rubra</i>	Red alder	14.0		Good	Good	12	Remove	
945	<i>Alnus rubra</i>	Red alder	14.3		Good	Good	17	Remove	
946	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.9		Good	Good	18	Remove	Roots obstructed by access pavement
947	<i>Acer macrophyllum</i>	Bigleaf maple	7.2*	6.0, 6.4, 6.6, 8.2, 8.8	Good	Fair	15	Remove	Co-dominant (5)
948	<i>Pseudotsuga menziesii</i>	Douglas-fir	22.8		Good	Good	22	Remove	
949	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.7		Good	Good	22	Remove	
950	<i>Alnus rubra</i>	Red alder	6.4*	5.5, 7.3	Fair	Fair	10	Remove	Co-dominant (2); multiple failures; top lost
951	<i>Alnus rubra</i>	Red alder	8.2		Good	Good	11	Remove	
952	<i>Alnus rubra</i>	Red alder	8.2		Fair	Poor	12	Remove	
953	<i>Alnus rubra</i>	Red alder	10.3		Good	Good	14	Remove	

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
954	<i>Alnus rubra</i>	Red alder	12.8		Fair	Poor	14	Remove	Basal decay; hollow; remove structure in tree
955	<i>Acer macrophyllum</i>	Bigleaf maple	7.8*	7.6, 8.0	Good	Fair	12	Remove	Co-dominant (2)
956	<i>Acer macrophyllum</i>	Bigleaf maple	8.4*	6.1, 6.2, 6.2, 7.0, 7.1, 9.2	Good	Fair	14	Remove	Co-dominant (6); stump sprout
957	<i>Acer macrophyllum</i>	Bigleaf maple	8.5	7.5, 8.0, 9.1, 9.3	Good	Fair	14	Remove	Co-dominant (4) stump sprout
958	<i>Acer macrophyllum</i>	Bigleaf maple	8.1	7.0, 7.0, 10.3	Good	Fair	16	Remove	Co-dominant (3); stump sprout
959	<i>Acer macrophyllum</i>	Bigleaf maple	11.2		Good	Fair	16	Remove	
960	<i>Acer macrophyllum</i>	Bigleaf maple	12.1		Good	Fair	16	Remove	
961	<i>Acer macrophyllum</i>	Bigleaf maple	9.3*	7.4, 11.1	Fair	Fair	15	Remove	Co-dominant (2); narrow angle of attachment; included bark
965	<i>Acer macrophyllum</i>	Bigleaf maple	26.1		Good	Good	20	Remove	
966	<i>Acer macrophyllum</i>	Bigleaf maple	37.1**		Good	Fair	22	Retain	**Diameter taken at narrowest point below attachment; narrow angle of attachment with included bark; one small dead lead
967	<i>Acer macrophyllum</i>	Bigleaf maple	12.5		Good	Fair	17	Remove	Canopy asymmetrical to the west
968	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.2		Good	Good	20	Retain	
969	<i>Acer macrophyllum</i>	Bigleaf maple	18.0		Good	Good	18	Remove	
970	<i>Pseudotsuga menziesii</i>	Douglas-fir	32.8		Good	Good	24	Remove	
971	<i>Pseudotsuga menziesii</i>	Douglas-fir	27.3		Good	Good	20	Remove	
972	<i>Acer macrophyllum</i>	Bigleaf maple	11.6*	8.6, 14.6	Good	Good	20	Remove	Co-dominant (2)
973	<i>Pseudotsuga menziesii</i>	Douglas-fir	25.6		Good	Good	18	Retain	
974	<i>Acer macrophyllum</i>	Bigleaf maple	15.4		Good	Fair	12	Retain	Intermediate crown
975	<i>Thuja plicata</i>	Western redcedar	6.8		Good	Good	8	Retain	
976	<i>Pseudotsuga menziesii</i>	Douglas-fir	6.0		Fair	Fair	7	Retain	Low live crown ratio
977	<i>Pseudotsuga menziesii</i>	Douglas-fir	34.4		Good	Good	21	Retain	
978	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.7		Fair	Fair	10	Retain	Suppressed by tree 477
979	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.5		Good	Good	11	Retain	
980	<i>Acer macrophyllum</i>	Bigleaf maple	21.2		Good	Good	22	Remove	
981	<i>Pseudotsuga menziesii</i>	Douglas-fir	7.1		Fair	Fair	7	Remove	Suppressed by tree 980; wounded by previous adjacent tree failure
982	<i>Prunus emarginata</i>	Bitter cherry	8.3		Fair	Fair	6	Remove	Gummosis at base

Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
983	<i>Pinus strobus var. Pendula</i>	Weeping eastern white pine	15.2		Good	Good	30	Remove	
984	<i>Quercus rubra</i>	Northern red oak	30.5		Good	Good	30	Retain	
985	<i>Alnus rubra</i>	Red alder	15.5		Good	Fair	10	Remove	Multiple tops; fence encroaching
Offsite Tree Labeled on the Map									
Tree ID	Scientific Name	Common Name	DSH (inches)	DSH (Multi-stem)	Health Condition	Structural Condition	Drip line radius (ft)	Proposed Action	Notes
42	<i>Pseudotsuga menziesii</i>	Douglas-fir	19.9		Good	Good	12	Retain	
43	<i>Pseudotsuga menziesii</i>	Douglas-fir	24.4		Good	Good	17	Retain	
108	<i>Pseudotsuga menziesii</i>	Douglas-fir	32.6		Good	Good	15	Retain	
168	<i>Pseudotsuga menziesii</i>	Douglas-fir	27.0		Good	Good	20	Retain	
172	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.5		Good	Good	10	Retain	
173	<i>Pseudotsuga menziesii</i>	Douglas-fir	13.8		Good	Good	15	Retain	
721	<i>Thuja plicata</i>	Western redcedar	34.9		Good	Good	14	Retain	
897	<i>Acer macrophyllum</i>	Bigleaf maple	40.5**		Fair	Fair	22	Retain	<i>Kretzschmaria deusta</i> at base; has one small dead lead - short safe useful life expectancy; increased risk with development, poor choice to retain. **Diameter taken at narrowest point below union; good angle of attachment
923	<i>Pseudotsuga menziesii</i>	Douglas-fir	17.9		Fair	Good	16	Retain	Trunk cankers
962	<i>Pseudotsuga menziesii</i>	Douglas-fir	15.6		Good	Good	18	Retain	
963	<i>Acer macrophyllum</i>	Bigleaf maple	21.0		Poor	Poor	16	Retain	
964	<i>Acer macrophyllum</i>	Bigleaf maple	21.3*	5.9, 6.2, 9.2	Fair	Poor	12	Retain	Co-dominant (3)
B	<i>Pinus</i> sp.	Pine	16.0					Retain	
M	<i>Pinus</i> sp.	Pine	8.0					Retain	
CP	<i>Acer macrophyllum</i>	Bigleaf maple	18.0					Retain	
DA	<i>Pseudotsuga menziesii</i>	Douglas-fir	8.0					Retain	
DP	<i>Pseudotsuga menziesii</i>	Douglas-fir	20.0					Retain	