Tree Solutions Inc
Consulting Arborists

Project No. TS - 9933

Arborist Report

To:	HBB Landscape Architecture c/o Michael Walton
Site:	East side of 156th Ave NE, Redmond, WA 98052 (between NE 45th Street to NE 51st Street)
Re:	Tree Inventory and Assessment
Date:	May 13, 2026
Project Arborists:	Lindsay Osborn ISA Certified Arborist PN-10281A Connor McDermott-Grossman ISA Certified Arborist PN-8704A ISA Qualified Tree Risk Assessor
Referenced Documents:	Redmond 156th Shared Use Path Tree Impact Exhibit Demo and TESC (KPFF) Redmond 156th Shared Use Path Tree Impact Exhibit Paving and Grading (KPFF)
Attached:	Table of Trees Tree Site Map

Summary

Tree Solutions Inc. inventoried, tagged, and assessed 167 trees within the project area that may be impacted by proposed improvements. Six trees (121, 164, 168, 219, 235, and 237) had diameters over 30 inches at standard height and qualified as Landmark trees under the Redmond Zoning Code (RZC) 21.78.210.

This project covers multiple parcels, public right-of-way (ROW), and potential Puget Sound Energy (PSE) utility easements. We have currently reviewed preliminary design plans, and we recommend Tree Solutions Inc. to review finalized plans to assess tree retention feasibility and provide specific tree protection recommendations for individual trees. The City of Redmond tree code is summarized to aid in project planning.

The City of Redmond requires that 35 percent of healthy trees be retained throughout development on private properties. Of the trees assessed, 116 trees were located on adjacent private properties (Parcels 2331800090 and 1425059129) the plans propose the removal of 89 trees on parcel 1425059129, including 82 healthy significant trees and six landmark trees. Trees growing within or adjacent to the ROW and utility easement were inventoried, however we did not conduct full tree inventories on all adjacent private parcels, and we cannot verify if the parcels will meet the 35 percent retention requirements after the proposed removals.

Replacement trees will be required to mitigate for removed trees. Significant trees removed must be replaced at a 1:1 ratio; landmark trees removed must be replaced at a 3:1 ratio. Significant trees removed beyond the 35% minimum threshold must be replaced at a 3:1 ratio.

Of the 52 trees in the ROW, 46 are proposed for removal. All significant tree removals within the ROW require replacement outlined in RZC 21.72.080.

Healthy tree classifications, quantities and percentages for private property and ROW trees are below in tables 1 and 2. Detailed information on each tree including location and proposed actions for retention can be found in the attached table of trees.

Tree protection measures for retained and impacted trees should be established before the commencement of site work. Tree protection areas should include groups of trees wherever possible in order to maximize protection of the critical root zones. The tree protection specifications included in Appendix F should be followed throughout all phases of work.

Table 1. Private Property Tree Summary Table

Site Trees

Tree Type	Remove	Impacted	Retained	Total
Landmark (>30" DSH)	6	0	0	**6**
Significant (6" - 30")	82	12	10	**104**
Non-significant (< 6”)	1	0	4	**5**
Total	**89**	**12**	**10**	**115**
Replacement Trees Required	100	12	0	**112**

Table 2. ROW Tree Summary Table

Off-Site Trees

Tree Type	Remove	Impacted	Retained	Total
Significant (6” – 30”)	46	1	1	48
Non-significant (< 6”)	4	0	0	4
Total	**50**	**1**	**1**	**52**
Replacement Trees Required	46	0	0	46

Assignment and Scope of Work

This report outlines the site inspection by Lindsay Osborn and Connor McDermott-Grossman, of Tree Solutions Inc., on November 4th and November 6th, 2025. We were asked to evaluate trees growing in the ROW and on an easement in the project area and to review the Redmond Zoning Code (RZC) requirements as they pertain to the project. We were asked to produce an Arborist Report including the species, size, health, and designation of each tree as it relates to city code. Michael Walton, of HBB Landscape Architecture, requested these services to acquire information for project planning.

Observations and Discussion

Site

This project area is in the Overlake Urban Multifamily Zone, and the project proposes the installation of a shared use path. The location of proposed development is on the east side of 156th St NE from NE 51st Street heading south to approximately half a block south of NE 45th St, in Redmond, WA. Adjacent parcels include 2331800120, 2331800110, 2331800100, 2331800090, 1425059129.

The area is currently a pedestrian sidewalk on the west side with trees in planting pits. The east side of the site backs up to residential homes and apartments that abut a utility easement.

According to the City of Redmond's Environmental GIS maps no critical areas exist in the project area.

Proposed Plans

We have reviewed Redmond 156th Shared Use Path Tree Impact Exhibit Demo and TESC (KPFF) Redmond 156th Shared Use Path Tree Impact Exhibit Paving and Grading (KPFF) for tree removal versus retention feasibility. We have not reviewed final design or construction plans for this site, and we recommend Tree Solutions Inc. to review them prior to construction.

Trees

We assessed 167 trees in the project area. Of the trees assessed 116 were on private property and 51 were in the ROW. As per city definition, six trees on the private property qualified as Landmark trees (121, 164, 168, 219, 235, 237) all of which were on parcel # 1425059129.

Trees east of the existing sidewalk included natives such as Douglas-fir (*Pseudotsuga menziesii*) and Western redcedar (*Thuja plicata*). We also observed ornamental species such as red oaks (*Quercus rubra*), Austrian black pine (*Pinus nigra*), and Scots pine (*Pinus sylvestris*).

Many of the trees had surface roots throughout their planting areas likely due to being planted in compacted soils (**Photo 1**). Tree protection measures should be taken to protect surface roots for retained trees during construction.

The majority of the trees planted on the western side of the sidewalk were green ash (*Fraxinus pennsylvanica*) that have been heavily pruned for utility clearance (**Photo 2**). There were some newly planted cherries (*Prunus* spp).

Several of the trees had ivy (*Hedera* spp.) growing up the trunks and into the canopy (**Photo 3**). Ivy should be cut away from base of tree and at 4-feet above the base to allow the vines to desiccate. We recommend ivy is managed several feet from the base to ensure it does not climb the trunks of trees.

We have included an annotated version of the demolition and TESC plan to serve as the Tree Site Map and attached a Table of Trees that has detailed information about each tree.

Discussion—Construction Impacts

According to the Redmond Tree Conformance Handout (TCH) all trees on-site (including retained, removed, or impacted trees), must be shown on a Tree Preservation Plan. Additionally, according to RZC 21.72.070 the tree protection area for retained trees shall be established (at a minimum) 5 feet beyond the furthest extent of the measured dripline, which is listed in the attached Table of Trees.

RZC 21.72.060 also states that a minimum of 35 percent of all significant trees on the project site shall be retained on any new development site, along with all landmark trees, unless an exception has been applied for and granted.

Tree Protection
The installation of a shared use pathway has the potential to impact trees retained in the ROW, in the PSE utility easement, and on private parcels. We recommend installing tree protection measures consistent with RZC 21.72.070 for all significant trees retained.

Tree protection measures should include the installation tree protection fencing at the tree protection zone (TPZ), or a radius of five feet past the dripline. The tree protection fencing should be at a minimum 4 feet tall and consist of chain-link fencing. No excavation, machine/vehicle access, impervious surface installation or materials storage is permitted within the tree protection fencing. No grade cuts are permitted within the dripline radius or a radius of 1 foot per diameter inch, whichever is greater. Tree wells with a diameter equal to tree diameter plus 5 feet must be constructed if the grade is proposed to be increased by greater than 1 foot within the tree protection fencing. Recommended tree protection measures are located in Appendix F below.

Impacted Trees
The term 'Impacted' refers to trees which will be retained but will have ground disturbance occurring within 5 feet of the trees dripline. Impacted trees cannot be counted towards the retention percentage for the site.

The plans propose impacting two healthy trees (115 and 116) on parcel 2331800090, 10 healthy trees (118, 132, 140, 174, 181, 188, 190, 192, and 255) on parcel 1425059129, and one healthy tree (101) in the ROW.

It is our professional opinion that the proposed work will not destabilize trees if alternative excavation methods including hydro-excavation, an excavator with a flat-fronted bucket, or manual digging is utilized. All work within the TPZ of impacted trees should be monitored by the project arborist to document impacts. We recommend adding a call out or note to the grading plans for arborist monitoring within the TPZ of all impacted trees.

Tree Removals
Of the trees assessed, 116 trees were located on adjacent private properties (Parcels 2331800090 and 1425059129). The plans propose the removal of 89 trees on parcel 1425059129, of which 82 were healthy significant trees and were six landmark trees. We did not complete a full assessment of trees on the parcel and cannot confirm the site will meet the minimum retention percentage. Based on aerial imagery and the size of the parcel, the proposed tree removals in the project area will likely still allow for a 35 percent retention rate on parcel 1425059129.

The removal of the six landmark trees (121, 164, 168, 219, 235, 237) require an exception to remove per RZC 21.72.060.

Of the 52 trees assessed in the ROW, 47 are proposed for removal.

If any trees proposed for removal are retained during construction, I recommend the trees are assessed for risk after construction by Tree Solutions Inc to determine if retention has increased the risk profile of the trees.

Replacements
Trees removed within the right-of-way (ROW) must be replaced at a 1:1 ratio with species that will achieve comparable canopy coverage at maturity.

Significant trees removed on private parcels must be replaced at a 1:1 ratio and landmark trees at a 3:1 ratio. If any of the adjacent parcels fall below the 35 percent retention level for significant trees, each significant tree removed beyond 35 percent must be replaced at a 3:1 ratio.

Mitigation is not required for the removal of trees found to be hazardous, dead, diseased, injured, or in a declining condition (RZC 21.72.080.B.1). Tree 227 was found to be in poor condition and does not require mitigation.

We recommend replacement tree species that are not within the ash (*Fraxinus*) or maple (*Acer*) genus to help promote species diversity and prevent monoculture in the project area. Monocultures are at increased risk of significant losses if a novel pest or disease arises. Enhancing diversity among street trees contributes to long-term sustainability and success. Further, consideration should be taken to select trees that can be managed under utility lines.

Replacement tree specifications can be found in RZC 21.72.080.C. and state that replacement deciduous trees should be two-and-one-half inch caliper and evergreen trees should be six feet in height.

Recommendations

- Create a Tree Preservation Plan to include:
    - All trees in relation to proposed shared use path.
    - Accurate driplines for retained trees per measurements listed on the attached Table of Trees.
    - Tree protection areas established at a minimum of 5 feet beyond the measured dripline.
    - Call outs or notes for arborist monitoring for work within the TPZ of retained trees.
- Provide Tree Solutions, Inc. with a finalized plans full plan set to determine tree retention feasibility.
- Re-evaluate tree retention as plans are finalized.
- Contact neighboring property owners to discuss tree removals.
- Obtain the necessary tree removal permission from the city before mobilizing on-site.
- Obtain exception request for all landmark tree removals.
- Have risk assessments performed on trees proposed for removal after construction by Tree Solutions Inc.
- All pruning should be conducted by an International Society of Arboriculture certified arborist conforming to current and applicable ANSI A300 standards (ASC 300 2017, Part 1).

- Follow the Tree Protection Specifications in Appendix F throughout site work.
- Cut and remove ivy from the base and at 4 feet above the base of trees and maintain ivy away from the base of retained trees.
- All replacement plantings must be consistent with RZC 21.72.080.
    - Utilize alternative tree genus than ash or maple to promote species diversity in the ROW.

Respectfully submitted,

Lindsay Osborn and Connor McDermott-Grossman,
Consulting Arborists

Appendix A **Glossary**

DBH or DSH: The diameter of any tree trunk, measured at four and one-half feet above average grade. For species of trees whose normal growth habit is characterized by multiple stems (e.g., hazelnut, vine maple), diameter shall mean the average diameter of all stems of the tree, measured at a point six inches from the point where the stems digress from the main trunk. In no case shall a branch more than six inches above average grade be considered a stem. (RZC 21.78)

ISA: International Society of Arboriculture

impacted: the tree is left standing, but ground disturbance is occurring within 5 feet of the trees dripline (City of Redmond 2018)

landmark tree: a healthy tree with a DSH greater than 30 inches (RZC 21.78)

removal: removal of a tree(s) or vegetation, through either direct or indirect actions, including but not limited to clearing, cutting, causing irreversible damage to roots or trunks; poisoning; destroying the structural integrity; and/or any filling, excavation, grading, or trenching in the drip line area of a tree which has the potential to cause irreversible damage to the tree, or relocation of an existing tree to a new planting location. (RZC 21.78)

rights of way: Land owned by a public agency and used or planned to be used as a public thoroughfare (RZC 21.78)

retained: the tree is left standing and ground disturbance is not occurring within 5 feet of the trees dripline (City of Redmond Correspondence 2018)

significant tree: **a**ny healthy tree 6 inches in diameter at breast height (DBH/DSH), or any tree four inches in diameter at breast height (DBH/DSH) that, after considering its age, height, value, or function, the tree or tree stand is determined to be significant. (SMP). This term also applies Citywide (RZC 21.78)

Visual Tree Assessment (VTA): method of evaluating structural defects and stability in trees by noting the pattern of growth. Developed by Claus Mattheck (Mattheck & Breloer 1994)

Appendix B **References**

Accredited Standards Committee A300 (ASC 300). ANSI A300 (Part 1) Tree, Shrub, and Other Woody Plant Management – Standard Practices (Pruning). Londonderry: Tree Care Industry Association, 2017.

City of Redmond. Tree Conformance Handout. 4/2019.

Matheny, N., E. Smiley, R. Gilpin, R. Hauer. *Best Management Practices – Managing Trees During Site Development and Construction, Third Edition*. International Society of Arboriculture (ISA), 2023.

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

Redmond Zoning Code. 21.72. Tree Protection.

Redmond Zoning Code. 21.78. Definitions

Appendix C **Photographs**

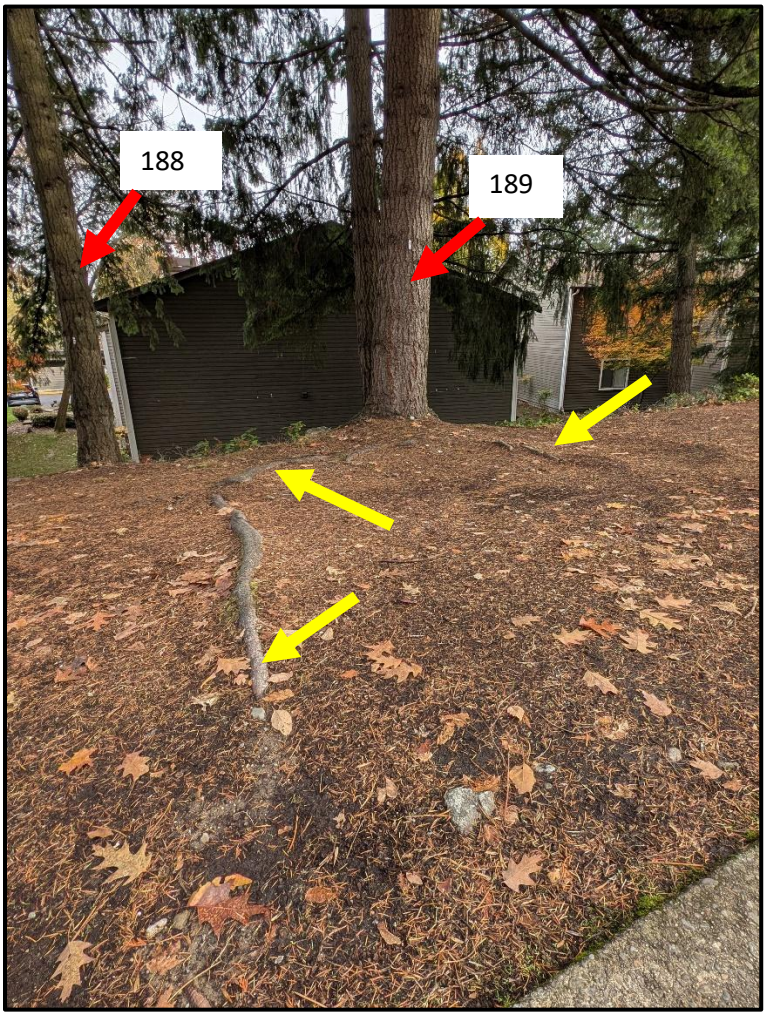


Photo 1. Looking southeast at trees 188 and 189. Yellow arrows indicate common site conditions where surface roots are located near existing sidewalks.

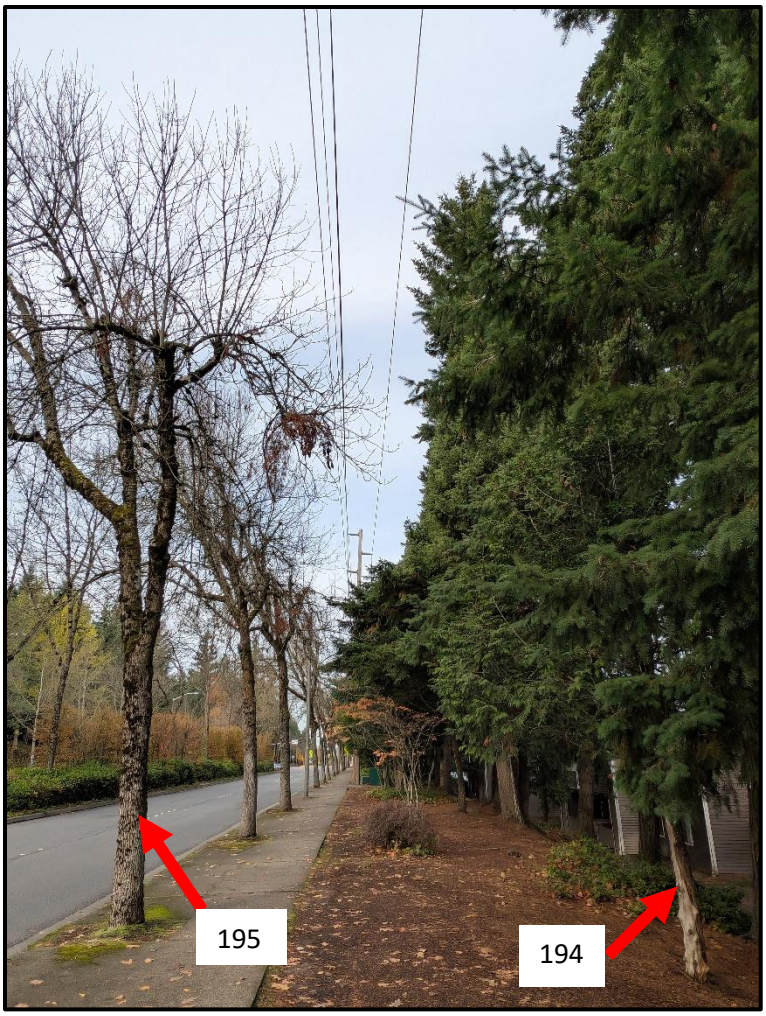


Photo 2. Looking north in project site area showing typical site conditions where trees have been pruned for utility line clearance.

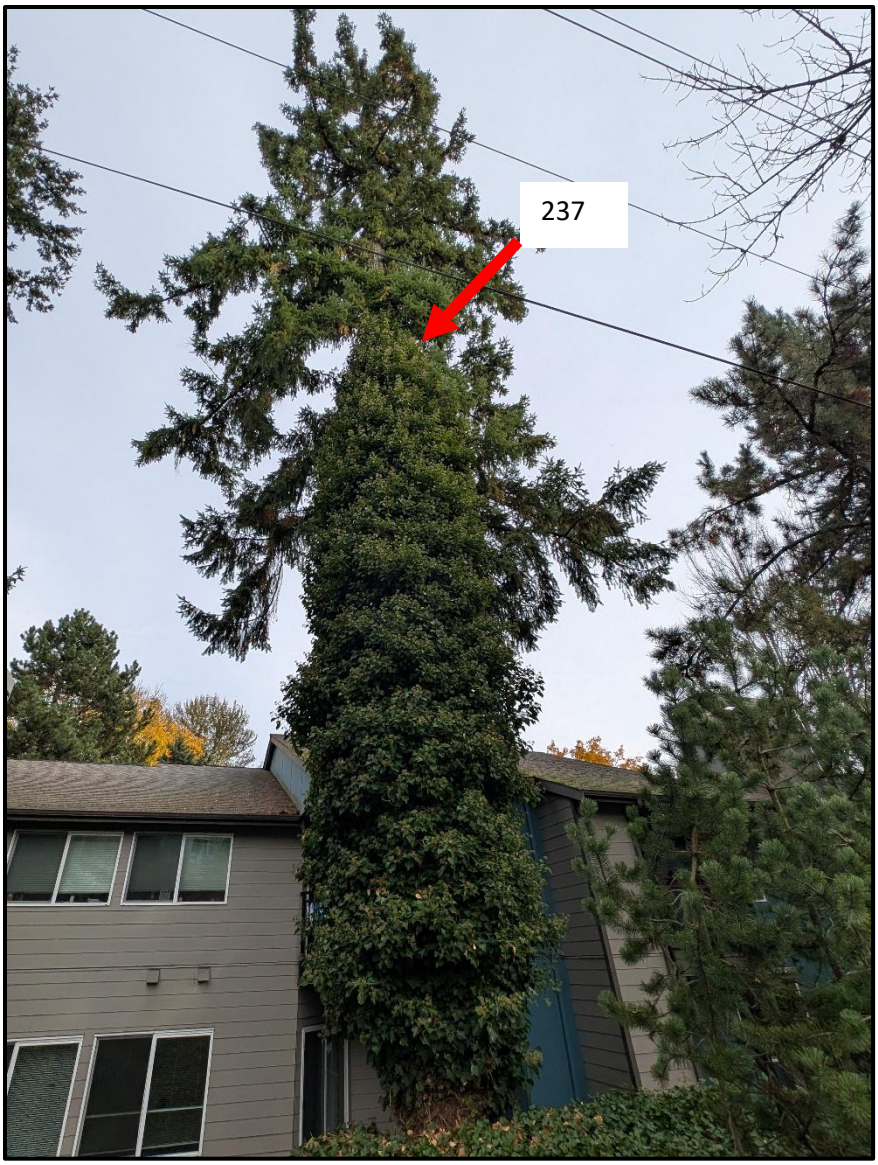


Photo 3. Tree 237 showing substantial ivy growth up trunk.

Appendix D **Assumptions & Limiting Conditions**

1 Consultant assumes that the site and its use do not violate, and is in compliance with, all applicable codes, ordinances, statutes or regulations.

2 The consultant may provide a report or recommendation based on published municipal regulations. The consultant assumes that the municipal regulations published on the date of the report are current municipal regulations and assumes no obligation related to unpublished city regulation information.

3 Any report by the consultant and any values expressed therein 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.

4 All photographs included in this report were taken by Tree Solutions, Inc. during the documented site visit, unless otherwise noted. Sketches, drawings and photographs (included in, and attached to, this report) are intended as visual aids and are not necessarily to scale. They should not be construed as engineering drawings, 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 the consultant as to the sufficiency or accuracy of the information.

5 Unless otherwise agreed, (1) information contained in any report by consultant covers only the items examined and reflects the condition of 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.

6 These findings are based on the observations and opinions of the authoring arborist, and do not provide guarantees regarding the future performance, health, vigor, structural stability or safety of the plants described and assessed.

7 Measurements are subject to typical margins of error, considering the oval or asymmetrical cross-section of most trunks and canopies.

8 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.

9 Our assessments are made in conformity with acceptable evaluation/diagnostic reporting techniques and procedures, as recommended by the International Society of Arboriculture.

Appendix E **Methods**

Measuring

We measured the diameter of each tree at 54 inches above grade, diameter at standard height (DSH). If a tree had multiple stems, We measured each stem individually at standard height and determined a single-stem equivalent diameter by averaging the diameter of all stems. A tree is regulated based on this single-stem equivalent diameter value. Because this value is calculated in the office following field work, some trees in our data set may have diameters smaller than 6 inches. These trees are included in the tree table for informational purposes only and not factored into tree totals discussed in this report.

Tagging

We tagged each tree with a circular aluminum tag at eye level. We assigned each tree a numerical identifier on our map and in our tree table, corresponding to this tree tag. We used alphabetical identifiers for trees off-site.

Evaluating

We 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. An understanding of the uniform stress allows the arborist to make informed judgments about the condition of a tree.

Rating

When rating tree health, we took into consideration crown indicators such as foliar density, size, color, stem and shoot extensions. When rating tree structure, we evaluated the tree for form and structural defects, including past damage and decay. Tree Solutions has adapted our ratings based on the Purdue University Extension formula values for health condition (*Purdue University Extension bulletin FNR-473-W - Tree Appraisal*). These values are a general representation used to assist arborists in assigning ratings.

Health

Excellent - Perfect specimen with excellent form and vigor, well-balanced crown. Normal to exceeding shoot length on new growth. Leaf size and color normal. Trunk is sound and solid. Root zone undisturbed. No apparent pest problems. Long safe useful life expectancy for the species.

Good - Imperfect canopy density in few parts of the tree, up to 10% of the canopy. Normal to less than ¾ typical growth rate of shoots and minor deficiency in typical leaf development. Few pest issues or damage, and if they exist, they are controllable or the tree is reacting appropriately. Normal branch and stem development with healthy growth. Safe useful life expectancy typical for the species.

Fair - Crown decline and dieback up to 30% of the canopy. Leaf color is somewhat chlorotic/necrotic with smaller leaves and “off” coloration. Shoot extensions indicate some stunting and stressed growing conditions. Stress cone crop clearly visible. Obvious signs of pest problems contributing to lesser condition, control might be possible. Some decay areas found in main stem and branches. Below average safe useful life expectancy

Poor - Lacking full crown, more than 50% decline and dieback, especially affecting larger branches. Stunting of shoots is obvious with little evidence of growth on smaller stems. Leaf size and color reveals overall stress in the plant. Insect or disease infestation may be severe and uncontrollable. Extensive decay or hollows in branches and trunk. Short safe useful life expectancy.

Structure

Excellent - Root plate undisturbed and clear of any obstructions. Trunk flare has normal development. No visible trunk defects or cavities. Branch spacing/structure and attachments are free of any defects.

Good - Root plate appears normal, with only minor damage. Possible signs of root dysfunction around trunk flare. Minor trunk defects from previous injury, with good closure and less than 25% of bark section missing. Good branch habit; minor dieback with some signs of previous pruning. Codominant stem formation may be present, requiring minor corrections.

Fair - Root plate reveals previous damage or disturbance. Dysfunctional roots may be visible around the main stem. Evidence of trunk damage or cavities, with decay or defects present and less than 30% of bark sections missing on trunk. Co-dominant stems are present. Branching habit and attachments indicate poor pruning or damage, which requires moderate corrections.

Poor - Root plate disturbance and defects indicate major damage, with girdling roots around the trunk flare. Trunk reveals more than 50% of bark section missing. Branch structure has poor attachments, with several structurally important branches dead or broken. Canopy reveals signs of damage or previous topping or lion-tailing, with major corrective action required.

Appendix F **Tree Protection Specifications**

The following is a list of protection measures that must be employed before, during and after construction to ensure the long-term viability of retained trees.

1. **Project Arborist:** The project arborists shall at minimum have an International Society of Arboriculture (ISA) Certification and ISA Tree Risk Assessment Qualification.
2. **Tree Protection Zone (TPZ):** The city of Redmond requires a TPZ of the dripline of the tree plus five additional feet. In some cases, the TPZ may extend outside tree protection fencing. Work within the TPZ must be approved and monitored by the project arborist.
3. **Tree Protection Fencing:** Tree protection shall consist of 6-foot-tall chain-link fencing installed at the TPZ as approved by the project arborist. Fence posts shall be anchored into the ground or bolted to existing hardscape surfaces.
    a. Where trees are being retained as a group the fencing shall encompass the entire area including all landscape beds or lawn areas associated with the grove.
    b. Per arborist approval, TPZ fencing may be placed at the edge of existing hardscape within the TPZ to allow for staging and traffic.
    c. Where work is planned within the TPZ, install fencing at the edge of TPZ and move to limits of disturbance at the time that the work within the TPZ is planned to occur. This ensures that work within the TPZ is completed to specification.
    d. Where trees are protected at the edge of the project boundary, construction limits fencing shall be incorporated as the boundary of tree protection fencing.
4. **Access Beyond Tree Protection Fencing:** The project manager or project arborist shall be present when tree protection areas are accessed.
5. **Tree Protection Signage:** Tree protection signage shall be affixed to fencing every 20 feet. Signage shall be fluorescent, at least 2’ x 2’ in size. Signage will note: “Tree Protection Area – Do Not Enter: Entry into the tree protection area is prohibited unless authorized by the project manager.” Signage shall include the contact information for the project manager and instructions for gaining access to the area.
6. **Filter / Silt Fencing:** Filter / silt fencing within or at the edge of the TPZ of retained trees shall be installed in a manner that does not sever roots. Install so that filter / silt fencing sits on the ground and is weighed in place by sandbags or gravel. Do not trench to insert filter / silt fencing into the ground.
7. **Monitoring:** The project arborist shall monitor all ground disturbance at the edge of or within the TPZ, including where the TPZ extends beyond the tree protection fencing.
8. **Soil Protection:** No parking, foot traffic, materials storage, or dumping (including excavated soils) are allowed within the TPZ. Heavy machinery shall remain outside of the TPZ. Access to the tree protection area will be granted under the supervision of the project arborist. If project arborist allows, heavy machinery can enter the area if soils are protected from the load. Acceptable methods of soil protection include applying 3/4-inch plywood over 6 inches of wood chip mulch or use of AlturnaMats® (or equivalent product approved by the project arborist). Retain existing paved surfaces within or at the edge of the TPZ for as long as possible.
9. **Soil Remediation:** Soil compacted within the TPZ of retained trees shall be remediated using pneumatic air excavation according to a specification produced by the project arborist.
10. **Canopy Protection**: Where fencing is installed at the limits of disturbance within the TPZ, canopy management (pruning or tying back) shall be conducted to ensure that vehicular traffic does not damage canopy parts. Exhaust from machinery shall be located five feet outside the dripline of retained trees. No exhaust shall come in contact with foliage for prolonged periods of time.

11. **Duff/Mulch:** Apply 6 inches of arborist wood chip mulch or hog fuel over bare soil within the TPZ to prevent compaction and evaporation. TPZ shall be free of invasive weeds to facilitate mulch application. Keep mulch 1 foot away from the base of trees and 6 inches from retained understory vegetation. Retain and protect as much of the existing duff and understory vegetation as possible.
12. **Excavation:** Excavation done at the edge of or within the TPZ shall use alternative methods such as pneumatic air excavation or hand digging. If heavy machinery is used, use flat front buckets with the project arborist spotting for roots. When roots are encountered, stop excavation and cleanly sever roots. The project arborist shall monitor all excavation done within the TPZ.
13. **Fill:** Limit fill to 1 foot of uncompacted well-draining soil, within the TPZ of retained trees. In areas where additional fill is required, consult with the project arborist. Fill must be kept at least 1 foot from the trunks of trees.
14. **Root Pruning:** Limit root pruning to the extent possible. All roots shall be pruned with a sharp saw making clean cuts. Do not fracture or break roots with excavation equipment.
15. **Root Moisture:** Root cuts and exposed roots shall be immediately covered with soil, mulch, or clear polyethylene sheeting and kept moist. Water to maintain moist condition until the area is back filled. Do not allow exposed roots to dry out before replacing permanent back fill.
16. **Hardscape Removal:** Retain hardscape surfaces for as long as practical. Remove hardscape in a manner that does not require machinery to traverse newly exposed soil within the TPZ. Where equipment must traverse the newly exposed soil, apply soil protection as described in section 8. Replace fencing at edge of TPZ if soil exposed by hardscape removal will remain for any period of time.
17. **Tree Removal:** All trees to be removed that are located within the TPZ of retained trees shall not be ripped, pulled, or pushed over. The tree should be cut to the base and the stump either left in place or ground out. A flat front bucket can also be used to sever roots around all sides of the stump, or the roots can be exposed using hydro or air excavation and then cut before removing the stump.
18. **Irrigation:** Retained trees with soil disturbance within the TPZ will require supplemental water from June through September. Acceptable methods of irrigation include drip, sprinkler, or watering truck. Trees shall be watered three times per month during this time.
19. **Pruning:** Pruning required for construction and safety clearance shall be done with a pruning specification provided by the project arborist in accordance with American National Standards Institute ANSI-A300 2017 Standard Practices for Pruning. Pruning shall be conducted or monitored by an arborist with an ISA Certification.
20. **Plan Updates:** All plan updates or field modifications that result in impacts within the TPZ or change the retained status of trees shall be reviewed by the senior project manager and project arborist prior to conducting the work.
21. **Materials:** Contractor shall have the following materials onsite and available for use during work in the TPZ:
    - **Sharp and clean bypass hand pruners**
    - **Sharp and clean bypass loppers**
    - **Sharp hand-held root saw**
    - **Reciprocating saw with new blades**
    - **Shovels**
    - **Trowels**
    - **Clear polyethylene sheeting**
    - **Burlap**
    - **Water**

Tree Solutions Inc
Consulting Arborists

Private Property Health Assessment Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

						If >6" DSH, Significant Tree	If >30" DSH, Landmark Tree							
Tree ID (101-267)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**	**Parcel #**	**Proposed action**
115	*Thuja plicata*	Western redcedar	Evergreen	12.1		X			11.5	Y	N	Utility box installed up to base of tree, pruned for construction clearance up entire west side of tree.	2331800090	Impacted
116	*Thuja plicata*	Western redcedar	Evergreen	12.8		X			13.5	Y	N	Utility box installed up to base of tree, pruned for construction clearance up entire west side of tree.	2331800090	Impacted
118	*Pinus nigra*	Austrian black pine	Evergreen	19.1		X			17.8	Y	N	Growing/planted above grade. Phototropic lean to north, surface roots present to west.	1425059129	Impacted
119	*Pinus nigra*	Austrian black pine	Evergreen	11.2		X			6.5	Y	N	Stilted roots, slightly shade suppressed canopy.	1425059129	Retain
120	*Pinus nigra*	Austrian black pine	Evergreen	8.2		X			9.3	Y	N		1425059129	Retain
121	*Thuja plicata*	Western redcedar	Evergreen	31.7		X			15.3	Y	Y		1425059129	Remove
122	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.2		X			23.9	Y	N	Pruned for utilities.	1425059129	Remove
123	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.5		X			14.5	Y	N		1425059129	Remove
124	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	9.8		X			9.4	Y	N		1425059129	Remove
125	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	7.0		X			8.3	Y	N	Shade suppressed.	1425059129	Remove
126	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.1		X			17.5	Y	N		1425059129	Remove
127	*Thuja plicata*	Western redcedar	Evergreen	7.6	8.5, 6.6	X			9.3	Y	N	Narrow unions.	1425059129	Remove
129	*Quercus rubra*	Red oak	Deciduous	21.6		X			20.9	Y	N	Pruned for utilities.		Remove
130	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	12.2		X			13.5	Y	N	Pruned for utilities.	1425059129	Remove
131	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.0		X			22.9	Y	N	Pruned for utilities.	1425059129	Remove
132	*Thuja plicata*	Western redcedar	Evergreen	6.0		X			8.3	Y	N	Shade suppressed.	1425059129	Impacted
133	*Thuja plicata*	Western redcedar	Evergreen	14.5		X			12.6	Y	N	Girdling roots present.	1425059129	Retain
134	*Thuja plicata*	Western redcedar	Evergreen	9.7		X			10.4	Y	N		1425059129	Retain
135	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.6		X			19.9	Y	N		1425059129	Remove
136	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.9		X			21.8	Y	N		1425059129	Remove
137	*Thuja plicata*	Western redcedar	Evergreen	10.8		X			14.5	Y	N		1425059129	Remove
138	*Quercus rubra*	Red oak	Deciduous	18.1		X			21.8	Y	N		1425059129	Remove
139	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.7		X			17.8	Y	N	Stilted roots to west.	1425059129	Remove
140	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.1		X			17.8	Y	N	Stilted roots.	1425059129	Impacted
141	*Quercus rubra*	Red oak	Deciduous	20.1		X			30.8	Y	N	Pruned for utilities.	1425059129	Remove
142	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5		X			18.8	Y	N		1425059129	Remove
143	*Thuja plicata*	Western redcedar	Evergreen	7.7		X			9.3	Y	N		1425059129	Retain
144	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.8		X			16.7	Y	N	Stilted roots.	1425059129	Remove
145	*Quercus rubra*	Red oak	Deciduous	16.5		X			19.7	Y	N		1425059129	Remove
147	*Quercus rubra*	Red oak	Deciduous	21.3		X			27.9	Y	N	Pruned for utilities.	1425059129	Remove
148	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2			X		21.8	Y	N	Topped for utilities with many reiterations.	1425059129	Remove
150	*Tsuga heterophylla*	Western hemlock	Evergreen	9.8			X		12.4	Y	N	Top is dead.	1425059129	Remove
151	*Tsuga heterophylla*	Western hemlock	Evergreen	17.1		X			16.7	Y	N		1425059129	Remove
152	*Thuja plicata*	Western redcedar	Evergreen	9.9		X			8.4	Y	N	Shade suppressed.	1425059129	Remove
153	*Thuja plicata*	Western redcedar	Evergreen	7.2	8.8, 5.6	X			11.3	Y	N		1425059129	Remove
155	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	15.4			X		17.6	Y	N	Topped for utilities with good reaction wood. Potential through crack, advanced testing recommended if tree is to be retained.	1425059129	Remove
156	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3		X			17.8	Y	N	Surface roots to east.	1425059129	Remove
157	*Thuja plicata*	Western redcedar	Evergreen	11.6		X			10.5	Y	N	Shade suppressed.	1425059129	Remove
158	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3			X		14.8	Y	N	Previously topped for utilities, potential through crack, advanced testing recommended if tree is to be retained.	1425059129	Remove
160	*Tsuga heterophylla*	Western hemlock	Evergreen	13.7			X		12.6	Y	N	Topped for utilities.	1425059129	Remove
161	*Thuja plicata*	Western redcedar	Evergreen	6.2	8.1, 6.6, 5.2, 5	X			9.3	Y	N	Multistem at base, shade suppressed.	1425059129	Remove
162	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	14.6		X			17.6	Y	N		1425059129	Remove
163	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1			X		19.9	Y	N	Multistem at base, topped for utilities.	1425059129	Remove
164	*Thuja plicata*	Western redcedar	Evergreen	30.3		X			25.3	Y	Y	Candelabra form. Specimen tree on site.	1425059129	Remove
165	*Thuja plicata*	Western redcedar	Evergreen	22.0		X			18.9	Y	N	Ivy at base and up trunk limits assessment.	1425059129	Remove
168	*Thuja plicata*	Western redcedar	Evergreen	40.2			X		25.7	Y	Y	Cavities on trunk from sapsucker activity. Advanced testing recommended if tree is to be retained.	1425059129	Remove
169	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1		X			19.9	Y	N	Surface roots on east side. Ivy at base and up trunk limits assessment. Pruned for utilities.	1425059129	Remove
170	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.1		X			19.8	Y	N	Surface roots present.	1425059129	Remove
173	*Thuja plicata*	Western redcedar	Evergreen	24.1		X			21.0	Y	N	Surface roots present.	1425059129	Remove

Private Property Health Assessment Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

Tree ID (101-267)	Scientific Name	Common Name	Evergreen / Deciduous	DSH (inches)	DSH Multistem	Healthy (Good/Excellent)	Fair (Fair)	Dead / Dying (Poor)	Dripline Radius (feet)	Significant (Y/N)	Landmark (Y/N)	Notes	Parcel #	Proposed action
174	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1			X		17.9	Y	N	Canopy has chlorotic foliage. Many surface roots present.	1425059129	Impacted
175	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	14.0		X			14.6	Y	N	Pruned for utilities.	1425059129	Remove
176	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	13.6		X			11.6	Y	N		1425059129	Remove
178	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.1		X			11.5	Y	N		1425059129	Remove
179	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.0		X			16.8	Y	N	Surface roots present.	1425059129	Remove
180	*Thuja plicata*	Western redcedar	Evergreen	9.9		X			9.4	Y	N	Shade suppressed.	1425059129	Retain
181	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5		X			18.8	Y	N	Surface roots present.	1425059129	Impacted
182	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.3		X			17.8	Y	N		1425059129	Impacted
183	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2		X			18.8	Y	N	Surface roots present, shade suppressed.	1425059129	Remove
184	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.2		X			19.9	Y	N	Surface roots present.	1425059129	Remove
185	*Thuja plicata*	Western redcedar	Evergreen	9.9		X			8.4	Y	N		1425059129	Remove
187	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	9.4		X			14.4	Y	N	Phototropic to west.	1425059129	Remove
188	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.4		X			21.9	Y	N		1425059129	Impacted
189	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	23.6			X		20.0	Y	N	Surface roots to west. Pitch flow from 4 to 6 feet above grade on SE side, could be decay from being previously topped. Advanced testing recommended if tree is to be retained.	1425059129	Remove
190	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.3		X			21.9	Y	N		1425059129	Impacted
192	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5			X		21.8	Y	N	Small shoot extension, sparse canopy.	1425059129	Impacted
193	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.0		X			19.9	Y	N		1425059129	Remove
194	*Thuja plicata*	Western redcedar	Evergreen	6.6			X		8.3	Y	N	Wound at base to 6 feet.	1425059129	Remove
196	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	23.7			X		19.0	Y	N		1425059129	Remove
197	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.3		X			16.9	Y	N		1425059129	Remove
199	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3		X			18.8	Y	N		1425059129	Remove
201	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2			X		20.8	Y	N	Previously topped with reiterations.	1425059129	Remove
202	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	28.1		X			23.2	Y	N	Not on survey, TESC, or Paving/Grading plan.	1425059129	Remove
203	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	16.4		X			14.7	Y	N		1425059129	Remove
204	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.4		X			18.9	Y	N	Previously topped with reiterations.	1425059129	Remove
205	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.4		X			17.7	Y	N		1425059129	Remove
210	*Thuja plicata*	Western redcedar	Evergreen	10.8		X			9.5	Y	N		1425059129	Remove
211	*Thuja plicata*	Western redcedar	Evergreen	12.3		X			15.5	Y	N		1425059129	Remove
212	*Thuja plicata*	Western redcedar	Evergreen	7.9		X			13.3	Y	N		1425059129	Remove
213	*Pinus nigra*	Austrian black pine	Evergreen	11.2		X			16.5	Y	N		1425059129	Remove
214	*Acer platanoides*	Norway maple	Deciduous	15.8		X			22.7	Y	N		1425059129	Remove
215	*Pinus nigra*	Austrian black pine	Evergreen	9.2			X		16.4	Y	N		1425059129	Remove
216	*Pinus nigra*	Austrian black pine	Evergreen	14.0			X		17.6	Y	N		1425059129	Remove
219	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	33.6		X			21.4	Y	Y		1425059129	Remove
220	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.8		X			22.9	Y	N		1425059129	Remove
222	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.1		X			22.9	Y	N	Previously topped with reiterations.	1425059129	Remove
223	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.9			X		14.7	Y	N	Living snag.	1425059129	Remove
225	*Acer macrophyllum*	Bigleaf maple	Deciduous	16.0		X			26.7	Y	N		1425059129	Remove
227	*Acer macrophyllum*	Bigleaf maple	Deciduous	10.8	8.4, 10.1, 15.2, 13, 13.6, 5.7, 13.9			X	27.4	Y	N	Significant dieback in crown. Many stems present.	1425059129	Remove
228	*Acer macrophyllum*	Bigleaf maple	Deciduous	10.9	8.5, 9.3, 10.9, 12.6, 13		X		28.5	Y	N	Many stems.	1425059129	Remove
230	*Pinus sylvestris*	Scots pine	Evergreen	17.2			X		13.7	Y	N	Ivy at base and on trunk, limits assessment.	1425059129	Remove
232	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	28.7		X			23.2	Y	N		1425059129	Remove
235	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	31.0		X			21.3	Y	Y	Ivy at base and on trunk, limits assessment. Pruned for utilities.	1425059129	Remove
237	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	34.0		X			24.4	Y	Y	Pruned for utilities. Growing on top of rockery. Ivy at base and on trunk, limits assessment.	1425059129	Remove
239	*Pinus nigra*	Austrian black pine	Evergreen	10.4		X			14.4	Y	N		1425059129	Remove
240	*Pinus nigra*	Austrian black pine	Evergreen	15.6		X			14.7	Y	N		1425059129	Remove
242	*Pinus nigra*	Austrian black pine	Evergreen	7.7			X		8.3	Y	N		1425059129	Remove
243	*Tsuga heterophylla*	Western hemlock	Evergreen	6.3		X			8.3	Y	N		1425059129	Remove
244	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	8.9		X			10.4	Y	N		1425059129	Remove
245	*Pinus sylvestris*	Scots pine	Evergreen	17.2		X			14.7	Y	N		1425059129	Remove
248	*Pinus sylvestris*	Scots pine	Evergreen	14.1			X		12.6	Y	N	Utility lines going between two narrow stems.	1425059129	Remove
249	*Pinus sylvestris*	Scots pine	Evergreen	20.0		X			18.8	Y	N	Measured at narrowest point below union.	1425059129	Remove

Tree Solutions Inc
Consulting Arborists

Private Property Health Assessment Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

Tree ID (101-267)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**	**Parcel #**	**Proposed action**
250	*Pinus nigra*	Austrian black pine	Evergreen	13.9			X		19.6	Y	N	Tree has grown into utility wires. Previously topped for utilities.	1425059129	Remove
251	*Pinus nigra*	Austrian black pine	Evergreen	16.8		X			21.7	Y	N		1425059129	Remove
252	*Pinus nigra*	Austrian black pine	Evergreen	11.9	15.2, 8.6	X			18.5	Y	N		1425059129	Remove
253	*Pinus sylvestris*	Scots pine	Evergreen	7.8		X			14.3	Y	N	Shade suppressed.	1425059129	Remove
254	*Pinus sylvestris*	Scots pine	Evergreen	15.5		X			21.6	Y	N		1425059129	Remove
255	*Pinus nigra*	Austrian black pine	Evergreen	13.6		X			10.6	Y	N		1425059129	Impacted
256	*Acer palmatum*	Japanese maple	Deciduous	7.2		X			8.3	Y	N	Measured at narrowest point below union.	1425059129	Retain
257	*Pinus nigra*	Austrian black pine	Evergreen	22.1		X			19.9	Y	N		1425059129	Retain
258	*Pinus nigra*	Austrian black pine	Evergreen	13.5		X			13.6	Y	N		1425059129	Retain
259	*Pinus nigra*	Austrian black pine	Evergreen	11.6		X			9.5	Y	N		1425059129	Retain
264	*Acer palmatum*	Japanese maple	Deciduous	2.1			X		3.1	N	N	Newly planted. Base of trunk appears to be buried, planted too deep. Some branches showing reversions.	1425059129	Retain
265	*Thuja plicata*	Western redcedar	Evergreen	3.0		X			3.1	N	N	Newly planted.	1425059129	Retain
266	*Thuja plicata*	Western redcedar	Evergreen	2.0	2, 2	X			3.1	N	N	Newly planted.	1425059129	Retain
267	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	1.5		X			1.1	N	N	Newly planted. Base of trunk appears to be buried, planted too deep.	1425059129	Retain
					Total On-Site Trees		115							
		Total On-Site Significant Trees (Does Not Include Landmark Trees)					106							
					Total On-Site Landmark Trees		6							

Tree Solutions Inc
Consulting Arborists

Private Property Retained Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

						If >6" DSH, Significant Tree			If >30" DSH, Landmark Tree					
Tree ID	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**	**Parcel #**
119	*Pinus nigra*	Austrian black pine	Evergreen	11.2		X				6.5	Y	N	Stilted roots, slightly shade suppressed canopy.	1425059129
120	*Pinus nigra*	Austrian black pine	Evergreen	8.2		X				9.3	Y	N		1425059129
133	*Thuja plicata*	Western redcedar	Evergreen	14.5		X				12.6	Y	N	Girdling roots present.	1425059129
134	*Thuja plicata*	Western redcedar	Evergreen	9.7		X				10.4	Y	N		1425059129
143	*Thuja plicata*	Western redcedar	Evergreen	7.7		X				9.3	Y	N		1425059129
180	*Thuja plicata*	Western redcedar	Evergreen	9.9		X				9.4	Y	N	Shade suppressed.	1425059129
256	*Acer palmatum*	Japanese maple	Deciduous	7.2		X				8.3	Y	N	Measured at narrowest point below union.	1425059129
257	*Pinus nigra*	Austrian black pine	Evergreen	22.1		X				19.9	Y	N		1425059129
258	*Pinus nigra*	Austrian black pine	Evergreen	13.5		X				13.6	Y	N		1425059129
259	*Pinus nigra*	Austrian black pine	Evergreen	11.6		X				9.5	Y	N		1425059129
264	*Acer palmatum*	Japanese maple	Deciduous	2.1			X			3.1	N	N	Newly planted. Base of trunk appears to be buried, planted too deep. Some branches showing reversions.	1425059129
265	*Thuja plicata*	Western redcedar	Evergreen	3.0		X				3.1	N	N	Newly planted.	1425059129
266	*Thuja plicata*	Western redcedar	Evergreen	2.0	2, 2	X				3.1	N	N	Newly planted.	1425059129
267	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	1.5		X				1.1	N	N	Newly planted. Base of trunk appears to be buried, planted too deep.	1425059129
					Total Proposed for Retention		14							
		Total Significant Trees (Does Not Include Landmark Trees)					10							
					Total Landmark Trees		0							

Tree Solutions Inc
Consulting Arborists

Private Property Impacted Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

						If >6" DSH, Significant Tree			If >30" DSH, Landmark Tree						
Tree ID	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Landmark Exception Request Required?**	**Notes**	**Parcel #**
115	*Thuja plicata*	Western redcedar	Evergreen	12.1		X				11.5	Y	N	No	Utility box installed up to base of tree, pruned for construction clearance up entire west side of tree.	2331800090
116	*Thuja plicata*	Western redcedar	Evergreen	12.8		X				13.5	Y	N	No	Utility box installed up to base of tree, pruned for construction clearance up entire west side of tree.	2331800090
118	*Pinus nigra*	Austrian black pine	Evergreen	19.1		X				17.8	Y	N	No	Growing/planted above grade. Phototropic lean to north, surface roots present to west.	1425059129
132	*Thuja plicata*	Western redcedar	Evergreen	6.0		X				8.3	Y	N	No	Shade suppressed.	1425059129
140	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.1		X				17.8	Y	N	No	Stilted roots.	1425059129
174	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1			X			17.9	Y	N	No	Canopy has chlorotic foliage. Many surface roots present.	1425059129
181	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5		X				18.8	Y	N	No	Surface roots present.	1425059129
182	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.3		X				17.8	Y	N	No		1425059129
188	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.4		X				21.9	Y	N	No		1425059129
190	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.3		X				21.9	Y	N	No		1425059129
192	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5			X			21.8	Y	N	No	Small shoot extension, sparse canopy.	1425059129
255	*Pinus nigra*	Austrian black pine	Evergreen	13.6		X				10.6	Y	N	No		
					Total Proposed to be Impacted		12								
					Total Significant Trees (Does Not Include Landmark Trees)		12								
					Total Landmark Trees		0								

Tree Solutions Inc
Consulting Arborists

Private Property Removed Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

						If >6" DSH, Significant Tree									
Tree ID	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Landmark Exception Request Required?**	**Notes**	**Parcel #**
121	*Thuja plicata*	Western redcedar	Evergreen	31.7		X				15.3	Y	Y	Yes		1425059129
122	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.2		X				23.9	Y	N	No	Pruned for utilities.	1425059129
123	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.5		X				14.5	Y	N	No		1425059129
124	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	9.8		X				9.4	Y	N	No		1425059129
125	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	7.0		X				8.3	Y	N	No	Shade suppressed.	1425059129
126	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.1		X				17.5	Y	N	No		1425059129
127	*Thuja plicata*	Western redcedar	Evergreen	7.6	8.5, 6.6	X				9.3	Y	N	No	Narrow unions.	1425059129
129	*Quercus rubra*	Red oak	Deciduous	21.6		X				20.9	Y	N	No	Pruned for utilities.	
130	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	12.2		X				13.5	Y	N	No	Pruned for utilities.	1425059129
131	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.0		X				22.9	Y	N	No	Pruned for utilities.	1425059129
135	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.6		X				19.9	Y	N	No		1425059129
136	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.9		X				21.8	Y	N	No		1425059129
137	*Thuja plicata*	Western redcedar	Evergreen	10.8		X				14.5	Y	N	No		1425059129
138	*Quercus rubra*	Red oak	Deciduous	18.1		X				21.8	Y	N	No		1425059129
139	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.7		X				17.8	Y	N	No	Stilted roots to west.	1425059129
141	*Quercus rubra*	Red oak	Deciduous	20.1		X				30.8	Y	N	No	Pruned for utilities.	1425059129
142	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	19.5		X				18.8	Y	N	No		1425059129
144	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.8		X				16.7	Y	N	No	Stilted roots.	1425059129
145	*Quercus rubra*	Red oak	Deciduous	16.5		X				19.7	Y	N	No		1425059129
147	*Quercus rubra*	Red oak	Deciduous	21.3		X				27.9	Y	N	No	Pruned for utilities.	1425059129
148	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2			X			21.8	Y	N	No	Topped for utilities with many reiterations.	1425059129
150	*Tsuga heterophylla*	Western hemlock	Evergreen	9.8			X			12.4	Y	N	No	Top is dead.	1425059129
151	*Tsuga heterophylla*	Western hemlock	Evergreen	17.1		X				16.7	Y	N	No		1425059129
152	*Thuja plicata*	Western redcedar	Evergreen	9.9		X				8.4	Y	N	No	Shade suppressed.	1425059129
153	*Thuja plicata*	Western redcedar	Evergreen	7.2	8.8, 5.6	X				11.3	Y	N	No		1425059129
155	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	15.4			X			17.6	Y	N	No	Topped for utilities with good reaction wood. Potential through crack, advanced testing recommended if tree is to be retained.	1425059129
156	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3		X				17.8	Y	N	No	Surface roots to east.	1425059129
157	*Thuja plicata*	Western redcedar	Evergreen	11.6		X				10.5	Y	N	No	Shade suppressed.	1425059129
158	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3			X			14.8	Y	N	No	Previously topped for utilities, potential through crack, advanced testing recommended if tree is to be retained.	1425059129
160	*Tsuga heterophylla*	Western hemlock	Evergreen	13.7			X			12.6	Y	N	No	Topped for utilities.	1425059129
161	*Thuja plicata*	Western redcedar	Evergreen	6.2	8.1, 6.6, 5.2, 5	X				9.3	Y	N	No	Multistem at base, shade suppressed.	1425059129
162	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	14.6		X				17.6	Y	N	No		1425059129
163	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1			X			19.9	Y	N	No	Multistem at base, topped for utilities.	1425059129
164	*Thuja plicata*	Western redcedar	Evergreen	30.3		X				25.3	Y	Y	Yes	Candelabra form. Specimen tree on site.	1425059129
165	*Thuja plicata*	Western redcedar	Evergreen	22.0		X				18.9	Y	N	No	Ivy at base and up trunk limits assessment.	1425059129
168	*Thuja plicata*	Western redcedar	Evergreen	40.2			X			25.7	Y	Y	Yes	Cavities on trunk from sapsucker activity. Advanced testing recommended if tree is to be retained.	1425059129
169	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.1		X				19.9	Y	N	No	Surface roots on east side. Ivy at base and up trunk limits assessment. Pruned for utilities.	1425059129
170	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.1		X				19.8	Y	N	No	Surface roots present.	1425059129
173	*Thuja plicata*	Western redcedar	Evergreen	24.1		X				21.0	Y	N	No	Surface roots present.	1425059129
175	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	14.0		X				14.6	Y	N	No	Pruned for utilities.	1425059129
176	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	13.6		X				11.6	Y	N	No		1425059129
178	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	11.1		X				11.5	Y	N	No		1425059129
179	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.0		X				16.8	Y	N	No	Surface roots present.	1425059129
183	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2		X				18.8	Y	N	No	Surface roots present, shade suppressed.	1425059129
184	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.2		X				19.9	Y	N	No	Surface roots present.	1425059129
185	*Thuja plicata*	Western redcedar	Evergreen	9.9		X				8.4	Y	N	No		1425059129
187	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	9.4		X				14.4	Y	N	No	Phototropic to west.	1425059129
189	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	23.6			X			20.0	Y	N	No	Surface roots to west. Pitch flow from 4 to 6 feet above grade on SE side, could be decay from being previously topped. Advanced testing recommended if tree is to be retained.	1425059129
193	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.0		X				19.9	Y	N	No		1425059129
194	*Thuja plicata*	Western redcedar	Evergreen	6.6			X			8.3	Y	N	No	Wound at base to 6 feet.	1425059129
196	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	23.7			X			19.0	Y	N	No		1425059129
197	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.3		X				16.9	Y	N	No		1425059129
199	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	18.3		X				18.8	Y	N	No		1425059129
201	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	20.2			X			20.8	Y	N	No	Previously topped with reiterations.	1425059129
202	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	28.1		X				23.2	Y	N	No	Not on survey, TESC, or Paving/Grading plan.	1425059129

Tree Solutions Inc
Consulting Arborists

Private Property Removed Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

Tree ID	Scientific Name	Common Name	Evergreen / Deciduous	DSH (inches)	DSH Multistem	Healthy (Good/Excellent)	Fair (Fair)	Dead / Dying (Poor)	Photo # (If Photo Provided)	Dripline Radius (feet)	Significant (Y/N)	Landmark (Y/N)	Landmark Exception Request Required?	Notes	Parcel #
203	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	16.4		X				14.7	Y	N	No		1425059129
204	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.4		X				18.9	Y	N	No	Previously topped with reiterations.	1425059129
205	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.4		X				17.7	Y	N	No		1425059129
210	*Thuja plicata*	Western redcedar	Evergreen	10.8		X				9.5	Y	N	No		1425059129
211	*Thuja plicata*	Western redcedar	Evergreen	12.3		X				15.5	Y	N	No		1425059129
212	*Thuja plicata*	Western redcedar	Evergreen	7.9		X				13.3	Y	N	No		1425059129
213	*Pinus nigra*	Austrian black pine	Evergreen	11.2		X				16.5	Y	N	No		1425059129
214	*Acer platanoides*	Norway maple	Deciduous	15.8		X				22.7	Y	N	No		1425059129
215	*Pinus nigra*	Austrian black pine	Evergreen	9.2			X			16.4	Y	N	No		1425059129
216	*Pinus nigra*	Austrian black pine	Evergreen	14.0			X			17.6	Y	N	No		1425059129
219	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	33.6		X				21.4	Y	Y	Yes		1425059129
220	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	21.8		X				22.9	Y	N	No		1425059129
222	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	22.1		X				22.9	Y	N	No	Previously topped with reiterations.	1425059129
223	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	17.9			X			14.7	Y	N	No	Living snag.	1425059129
225	*Acer macrophyllum*	Bigleaf maple	Deciduous	16.0		X				26.7	Y	N	No		1425059129
227	*Acer macrophyllum*	Bigleaf maple	Deciduous	10.8	8.4, 10.1, 15.2, 13, 13.6, 5.7, 13.9			X		27.4	N	N	No	Significant dieback in crown. Many stems present.	1425059129
228	*Acer macrophyllum*	Bigleaf maple	Deciduous	10.9	8.5, 9.3, 10.9, 12.6, 13		X			28.5	Y	N	No	Many stems.	1425059129
230	*Pinus sylvestris*	Scots pine	Evergreen	17.2			X			13.7	Y	N	No	Ivy at base and on trunk, limits assessment.	1425059129
232	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	28.7		X				23.2	Y	N	No		1425059129
235	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	31.0		X				21.3	Y	Y	Yes	Ivy at base and on trunk, limits assessment. Pruned for utilities.	1425059129
237	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	34.0		X				24.4	Y	Y	Yes	Pruned for utilities. Growing on top of rockery. Ivy at base and on trunk, limits assessment.	1425059129
239	*Pinus nigra*	Austrian black pine	Evergreen	10.4		X				14.4	Y	N	No		1425059129
240	*Pinus nigra*	Austrian black pine	Evergreen	15.6		X				14.7	Y	N	No		1425059129
242	*Pinus nigra*	Austrian black pine	Evergreen	7.7			X			8.3	Y	N	No		1425059129
243	*Tsuga heterophylla*	Western hemlock	Evergreen	6.3		X				8.3	Y	N	No		1425059129
244	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	8.9		X				10.4	Y	N	No		1425059129
245	*Pinus sylvestris*	Scots pine	Evergreen	17.2		X				14.7	Y	N	No		1425059129
248	*Pinus sylvestris*	Scots pine	Evergreen	14.1			X			12.6	Y	N	No	Utility lines going between two narrow stems.	1425059129
249	*Pinus sylvestris*	Scots pine	Evergreen	20.0		X				18.8	Y	N	No	Measured at narrowest point below union.	1425059129
250	*Pinus nigra*	Austrian black pine	Evergreen	13.9			X			19.6	Y	N	No	Tree has grown into utility wires. Previously topped for utilities.	1425059129
251	*Pinus nigra*	Austrian black pine	Evergreen	16.8		X				21.7	Y	N	No		1425059129
252	*Pinus nigra*	Austrian black pine	Evergreen	11.9	15.2, 8.6	X				18.5	Y	N	No		1425059129
253	*Pinus sylvestris*	Scots pine	Evergreen	7.8		X				14.3	Y	N	No	Shade suppressed.	1425059129
254	*Pinus sylvestris*	Scots pine	Evergreen	15.5		X				21.6	Y	N	No		1425059129
				Total Proposed to be Removed			89								
		Total Significant Trees (Does Not Include Landmark Trees)					82								
					Total Landmark Trees		6								

Tree Solutions Inc
Consulting Arborists

ROW Health Assessment Tree Table

156th Ave N, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

							If >6" DSH, Significant Tree								
Tree ID (101-267)	**Tree Location** (ROW/Private)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**	**Proposed Action**
101	ROW	*Acer platanoides*	Norway maple	Deciduous	14.8		X				18.6	Y	N	Surface roots present, limited rooting area.	Impacted
102	ROW	*Acer platanoides*	Norway maple	Deciduous	17.1		X				18.7	Y	N	Previous root and sidewalk conflict, roots have been pruned to accommodate sidewalk.	Remove
103	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	16.6		X				26.7	Y	N	Crown asymmetrical to west.	Remove
104	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	16.6		X				21.7	Y	N	Trunk buried at base, roots lifting sidewalk.	Remove
105	ROW	*Acer platanoides*	Norway maple	Deciduous	9.9			X			14.4	Y	N	Rootstock sprouting from base, branch tear out (hanging) on north side.	Remove
106	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.1		X				18.5	Y	N	Roots lifting sidewalk.	Remove
107	ROW	*Acer platanoides*	Norway maple	Deciduous	13.6		X				13.6	Y	N	Sheer plane crack on west side below codominant union with good reaction wood.	Remove
108	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	15.3		X				24.6	Y	N	Pruned for utility clearance.	Remove
109	ROW	*Acer platanoides*	Norway maple	Deciduous	7.3		X				9.3	Y	N	Large wound on west side, with good reaction wood. DSH measured at narrowest point below union (narrowest point below union). Slightly shade suppressed by tree 110.	Remove
110	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.7			X			17.5	Y	N	Pruned for utility clearance, canopy asymmetrical to east side.	Remove
111	ROW	*Acer platanoides*	Norway maple	Deciduous	16.9		X				19.7	Y	N	Slight lean to west into fence. Measured at narrowest point below union.	Remove
112	ROW	*Acer platanoides*	Norway maple	Deciduous	16.4		X				15.7	Y	N	Fence is bolted to tree on east side. Roots have been cut at sidewalk. Girdling roots present.	Remove
113	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.2			X			22.5	Y	N	Heavily pruned for utility clearance. Canopy asymmetrical to west.	Remove
114	ROW	*Acer platanoides*	Norway maple	Deciduous	14.2		X				16.6	Y	N	Touching fence, large surface root to south.	Remove
117	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.2		X				16.4	Y	N		Remove
128	ROW	*Arbutus menziesii*	Pacific madrone	Evergreen	6.0	4.4, 7.5	X				14.2	N	N		Remove
146	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.8			X			22.5	Y	N	Pruned for utilities.	Remove
149	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.5			X			21.4	Y	N	Pruned for utilities.	Remove
154	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.1			X			16.5	Y	N	Heavily pruned for utilities. Roots are uplifting sidewalk on south and east side.	Remove
159	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.9			X			25.5	Y	N	Pruned for utilities.	Remove
166	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.4			X			17.4	Y	N	Pruned heavily for utilities.	Remove
167	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.3			X			18.4	Y	N	Pruned heavily for utilities.	Remove
171	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	8.3			X			16.3	Y	N	Pruned for utilities.	Remove
172	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	9.5			X			19.4	Y	N	Pruned for utilities.	Remove
177	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.2			X			23.5	Y	N	Pruned for utilities.	Remove
186	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	14.4			X			23.6	Y	N	Pruned for utilities.	Remove
191	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.3			X			23.5	Y	N	Pruned for utilities.	Remove
195	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.6			X			24.5	Y	N	Heavily pruned for utilities.	Remove
198	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.8		X				28.5	Y	N		Remove
200	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	9.3			X			16.4	Y	N		Remove
206	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.6		X				20.4	Y	N		Remove
207	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.9		X				25.5	Y	N	Pruned for utilities.	Remove
208	ROW	*Quercus rubra*	Red oak	Deciduous	27.7		X				31.2	Y	N	Specimen tree on site.	Remove
209	ROW	*Acer platanoides*	Norway maple	Deciduous	19.2		X				20.8	Y	N	Shared tree	Remove
217	ROW	*Acer sp.*	Maple	Deciduous	7.7		X				10.3	Y	N		Remove
218	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	15.7		X				27.7	Y	N	Pruned for utilities.	Remove
221	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	13.0		X				19.5	Y	N		Remove
224	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.8		X				23.5	Y	N	Pruned for utilities.	Remove
226	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	14.9		X				26.6	Y	N	Pruned for utilities.	Remove
229	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.0		X				21.5	Y	N		Remove
231	ROW	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	10.7		X				8.4	Y	N		Remove
233	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.6		X				22.5	Y	N	Pruned for utilities.	Remove
234	ROW	*Pinus nigra*	Austrian black pine	Evergreen	10.3			X			9.4	Y	N	Previously topped for utilities.	Remove
236	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	13.5		X				24.6	Y	N	Pruned for utilities.	Remove
238	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.6			X			20.5	Y	N		Remove
241	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.8			X			16.5	Y	N		Remove
246	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	8.2			X			17.3	Y	N		Remove
247	ROW	*Pinus sylvestris*	Scots pine	Evergreen	16.5		X				16.7	Y	N		Remove
260	ROW	*Prunus sp.*	Cherry	Deciduous	4.3			X			2.2	N	N	Gummosis. Large wound on street side from base to 4 feet. Measured at narrowest point below union.	Remove
261	ROW	*Prunus sp.*	Cherry	Deciduous	4.1			X			2.2	N	N	Large wound on street side from base to 4.5 feet. Measured at narrowest point below union.	Remove
262	ROW	*Prunus sp.*	Cherry	Deciduous	3.3		X				3.1	N	N		Remove

Tree Solutions Inc
Consulting Arborists

ROW Health Assessment Tree Table

156th Ave N, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

Tree ID (101-267)	**Tree Location** (ROW/Private)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**	**Proposed Action**
263	ROW	*Carpinus betulus 'Fastigiata'*	Columnar hornbeam	Deciduous	2.5		X				2.1	N	N	Newly planted.	Retain
						Total Off-Site Trees		52							
						Total Off-Site Significant Trees (Does Not Include Landmark Trees)		47							
						Total Off-Site Landmark Trees		0							

Tree Solutions Inc
Consulting Arborists

ROW Retained Tree Table

156th Ave NE, Redmond, WA
Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

							If >6" DSH, Significant Tree							
Tree ID	**Tree Location** (ROW/Private)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Notes**
263	ROW	*Carpinus betulus 'Fastigiata'*	Columnar hornbeam	Deciduous	2.5		X				2.1	N	N	Newly planted.
					Total Off-Site Proposed for Retention			1						
				Total Significant Trees (Does Not Include Landmark Trees)				0						
						Total Landmark Trees		0						

Tree Solutions Inc
Consulting Arborists

ROW Impacted Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

If >6" DSH, Significant Tree

Tree ID	Tree Location (ROW/Private)	Scientific Name	Common Name	Evergreen / Deciduous	DSH (inches)	DSH Multistem	Healthy (Good/Excellent)	Fair (Fair)	Dead / Dying (Poor)	Photo # (If Photo Provided)	Dripline Radius (feet)	Significant (Y/N)	Landmark (Y/N)	Landmark Exception Request Required?	Notes
101	ROW	*Acer platanoides*	Norway maple	Deciduous	14.8		X				18.6	Y	N	No	Surface roots present, limited rooting area.
					Total Off-Site Proposed to be Impacted			1							
						Total Significant Trees (Does Not Include Landmark Trees)		1								
							Total Landmark Trees	0							

Tree Solutions Inc
Consulting Arborists

ROW Removed Tree Table

156th Ave NE, Redmond, WA

Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

DSH (Diameter at Standard Height) is measured 4.5 feet above grade.
Multi-stem trees are noted, and a single stem equivalent is calculated by averaging the diameters of the stems.
Drip line is measured from the center of the tree to the outermost extent of the canopy.

					If >6" DSH, Significant Tree										
Tree ID	**Tree Location** (ROW/Private)	**Scientific Name**	**Common Name**	**Evergreen / Deciduous**	**DSH** (inches)	**DSH Multistem**	**Healthy** (Good/Excellent)	**Fair** (Fair)	**Dead / Dying** (Poor)	**Photo #** (If Photo Provided)	**Dripline Radius** (feet)	**Significant** (Y/N)	**Landmark** (Y/N)	**Landmark Exception Request Required?**	**Notes**
102	ROW	*Acer platanoides*	Norway maple	Deciduous	17.1		X				18.7	Y	N	No	Previous root and sidewalk conflict, roots have been pruned to accommodate sidewalk.
103	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	16.6		X				26.7	Y	N	No	Crown asymmetrical to west.
104	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	16.6		X				21.7	Y	N	No	Trunk buried at base, roots lifting sidewalk.
105	ROW	*Acer platanoides*	Norway maple	Deciduous	9.9			X			14.4	Y	N	No	Rootstock sprouting from base, branch tear out (hanging) on north side.
106	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.1		X				18.5	Y	N	No	Roots lifting sidewalk.
107	ROW	*Acer platanoides*	Norway maple	Deciduous	13.6		X				13.6	Y	N	No	Sheer plane crack on west side below codominant union with good reaction wood.
108	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	15.3		X				24.6	Y	N	No	Pruned for utility clearance.
109	ROW	*Acer platanoides*	Norway maple	Deciduous	7.3		X				9.3	Y	N	No	Large wound on west side, with good reaction wood. DSH measured at narrowest point below union (narrowest point below union). Slightly shade suppressed by tree 110.
110	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.7			X			17.5	Y	N	No	Pruned for utility clearance, canopy asymmetrical to east side.
111	ROW	*Acer platanoides*	Norway maple	Deciduous	16.9		X				19.7	Y	N	No	Slight lean to west into fence. Measured at narrowest point below union.
112	ROW	*Acer platanoides*	Norway maple	Deciduous	16.4		X				15.7	Y	N	No	Fence is bolted to tree on east side. Roots have been cut at sidewalk. Girdling roots present.
113	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.2			X			22.5	Y	N	No	Heavily pruned for utility clearance. Canopy asymmetrical to west.
114	ROW	*Acer platanoides*	Norway maple	Deciduous	14.2		X				16.6	Y	N	No	Touching fence, large surface root to south.
117	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.2		X				16.4	Y	N	No	
128	ROW	*Arbutus menziesii*	Pacific madrone	Evergreen	6.0	4.4, 7.5	X				14.2	N	N	No	
146	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.8			X			22.5	Y	N	No	Pruned for utilities.
149	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.5			X			21.4	Y	N	No	Pruned for utilities.
154	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.1			X			16.5	Y	N	No	Heavily pruned for utilities. Roots are uplifting sidewalk on south and east side.
159	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.9			X			25.5	Y	N	No	Pruned for utilities.
166	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.4			X			17.4	Y	N	No	Pruned heavily for utilities.
167	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.3			X			18.4	Y	N	No	Pruned heavily for utilities.
171	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	8.3			X			16.3	Y	N	No	Pruned for utilities.
172	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	9.5			X			19.4	Y	N	No	Pruned for utilities.
177	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.2			X			23.5	Y	N	No	Pruned for utilities.
186	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	14.4			X			23.6	Y	N	No	Pruned for utilities.
191	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.3			X			23.5	Y	N	No	Pruned for utilities.
195	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.6			X			24.5	Y	N	No	Heavily pruned for utilities.
198	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.8		X				28.5	Y	N	No	
200	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	9.3			X			16.4	Y	N	No	
206	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.6		X				20.4	Y	N	No	
207	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.9		X				25.5	Y	N	No	Pruned for utilities.
208	ROW	*Quercus rubra*	Red oak	Deciduous	27.7		X				31.2	Y	N	No	Specimen tree on site.
209	ROW	*Acer platanoides*	Norway maple	Deciduous	19.2		X				20.8	Y	N	No	Shared tree
217	ROW	*Acer sp.*	Maple	Deciduous	7.7		X				10.3	Y	N	No	
218	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	15.7		X				27.7	Y	N	No	Pruned for utilities.
221	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	13.0		X				19.5	Y	N	No	
224	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.8		X				23.5	Y	N	No	Pruned for utilities.
226	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	14.9		X				26.6	Y	N	No	Pruned for utilities.
229	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.0		X				21.5	Y	N	No	
231	ROW	*Pseudotsuga menziesii*	Douglas-fir	Evergreen	10.7		X				8.4	Y	N	No	
233	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	11.6		X				22.5	Y	N	No	Pruned for utilities.
234	ROW	*Pinus nigra*	Austrian black pine	Evergreen	10.3			X			9.4	Y	N	No	Previously topped for utilities.
236	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	13.5		X				24.6	Y	N	No	Pruned for utilities.
238	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	12.6			X			20.5	Y	N	No	
241	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	10.8			X			16.5	Y	N	No	
246	ROW	*Fraxinus pennsylvanica*	Green ash	Deciduous	8.2			X			17.3	Y	N	No	
247	ROW	*Pinus sylvestris*	Scots pine	Evergreen	16.5		X				16.7	Y	N	No	
260	ROW	*Prunus sp.*	Cherry	Deciduous	4.3			X			2.2	N	N	No	Gummosis. Large wound on street side from base to 4 feet. Measured at narrowest point below union.

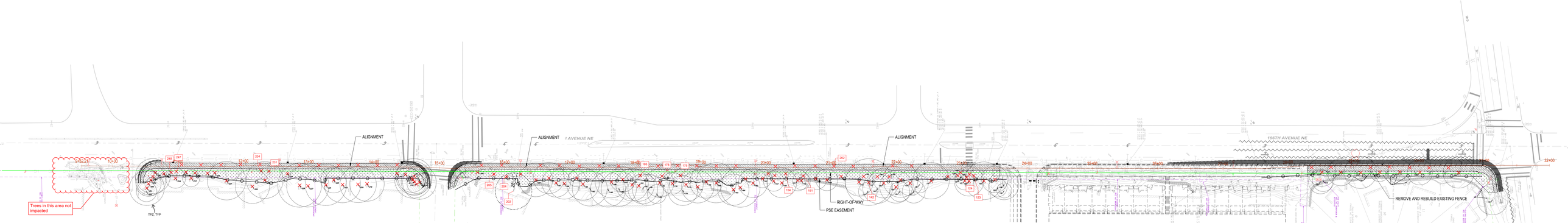
Tree Solutions Inc
Consulting Arborists

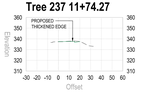
ROW Removed Tree Table

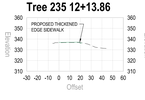
156th Ave NE, Redmond, WA

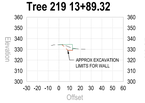
Arborist: CMG / LO
Date of Inventory: 11.04 11.06.2025
Table Updated: 05.13.2026

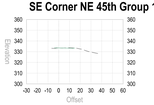
Tree ID	Tree Location (ROW/Private)	Scientific Name	Common Name	Evergreen / Deciduous	DSH (inches)	DSH Multistem	Healthy (Good/Excellent)	Fair (Fair)	Dead / Dying (Poor)	Photo # (If Photo Provided)	Dripline Radius (feet)	Significant (Y/N)	Landmark (Y/N)	Landmark Exception Request Required?	Notes
261	ROW	*Prunus sp.*	Cherry	Deciduous	4.1			X			2.2	N	N	No	Large wound on street side from base to 4.5 feet. Measured at narrowest point below union.
262	ROW	*Prunus sp.*	Cherry	Deciduous	3.3		X				3.1	N	N	No	
					Total Off-Site Proposed to be Removed			50							
					Total Significant Trees (Does Not Include Landmark Trees)			46							
						Total Landmark Trees		0							

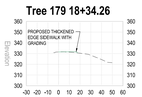


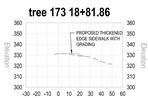


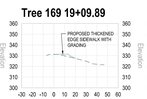


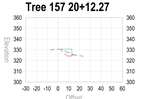


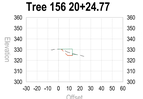


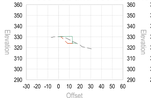


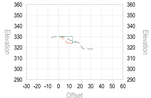


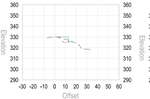


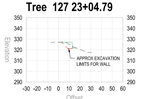


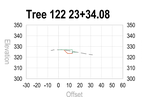


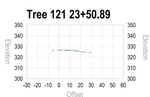


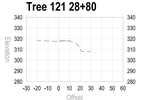












LEGEND

- REMOVE SIDEWALK
- REMOVE ASPHALT
- CLEARING AND GRUBBING
- REMOVE CURB
- SAWCUT
- REMOVE PAVEMENT MARKING
- TREE REMOVAL
- SILT FENCE

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NORTH

0 20 40 80
1 inch = 40 feet HORZ

0 20 40 80
1 inch = 40 feet VERT

REDMOND 156TH SHARED USE PATH TREE IMPACT EXHIBIT DEMO AND TESC