



Tree Plan

Prepared for Portland General Electric

**Harborton 230kV Line
Portland, Oregon**

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Executive Summary

This report outlines the planned improvements for Portland General Electric's transmission system in Forest Park, focusing on the installation of new steel poles and a 230 kV transmission line. Key objectives include enhancing system reliability, minimizing environmental impact, and adhering to local regulations. Findings include the assessment of nearly 700 trees, with detailed plans for removal, retention, and protection during construction. Recommendations aim at balancing operational needs with ecological preservation.

Background and Assignment

Portland General Electric is pursuing improvement of system reliability and resilience by performing transmission routing improvements within their existing utility right-of-way (ROW) in a portion of Forest Park ROW. Ultimately the project seeks to install three new steel poles and transmission hardware. One of the poles supports an existing line that needs to shift slightly to be able to cross into the Harborton Substation. This new pole will replace an existing transmission tower (#2999), which will be removed. The other two new steel poles will support a new 1,400-foot-long 230 kV transmission line that will connect the Harborton Substation to the existing powerline corridor that runs west through Forest Park.

Currently PGE maintains a 375' utility ROW where the proposed line is to be constructed. Due to clearance and work requirements, significant impacts to trees in the right of way are required. In order to best protect trees that are proposed to remain, tree protection specifications were developed in accordance with Title 11 and Title 33 requirements. This tree plan is also based on the proposed design. The specifications given in this report should be considered preliminary until all plans are filed and approved by the City of Portland.

Tree Inventory Data

See Appendix A for tree inventory tables.

Tree Assessment

Nearly 700 trees were assessed and their data recorded based on the Development Impact Area (DIA) as defined in 11.50.030. Details regarding health, condition, diameter, and other required data can be found in the tree inventory data table attached to this report.

Overall the trees represented are a typical mix of native conifer and hardwoods. The mean age appears to be 90-100 years based on the diameter and size of trees present. This is consistent with the historical logging use of the area between 1860 and 1948 when the park was established. Details of previous impacts within the DIA include road maintenance and construction resulting in grade changes and impacts to drainage. Additionally the existing Trojan, Harborton, and St. Mary's lines located within the ROW were all constructed between approximately 1970 and 1973. Details of impacts to specific trees are unknown and appear to be unavailable.



Line clearance pruning has been occurring to the north, west, and east (PGE) and south (BPA) of the DIA for a number of years. Pruning has traditionally been focused on removing encroaching limbs that threaten the transmission lines as well as reducing tops to limit the risk of contacting lines in the event the tree fails. Selected removal of damaged, ailing, or hazardous trees has also occurred within the DIA, although usually limited to the periphery of the utility right-of-way.

Based on the proposed work, clearing of trees for the installation and maintenance of the new and relocated 230kV transmission lines is required. Removal criteria has been based on the tree's location, proximity to the proposed line, environmental significance, compliance with PGE vegetation management practices, and to a more limited extent; health and condition. Retention of the maximum number of trees was sought, removing only trees deemed necessary in order to provide safe transmission operating conditions.

The initial tree inventory was conducted by David Evans and Associates (DEA) in the fall of 2022. In the fall of 2023, a review of the inventory was conducted and tree condition ratings and a determination of suitability for retention was added to the DEA inventory by IAS. In order to properly assess the risk of each tree a level one limited visual inspection was conducted, in accordance with ANSI A300 Part 9 requirements.

Fall in risk and proximity risk was calculated by utilizing tree height estimates gathered on site, assessing grade and topography of the actual tree location, and measuring distances from the tree location to the proposed line or structure on GIS. Trees were also assessed for any new or anticipated changes in exposure as well as an assessment of their structure and susceptibility to windthrow.

Special attention was paid to the trees bordering the one seasonal stream delineated through the DIA. These riparian trees have high value and an extra effort was made to retain the trees in whole or to top the trees where necessary in order to retain continued ecological function of the remaining portion of the tree.

Trees bordering the DIA or associated travel routes were assessed for the likelihood of root impacts and injury as a result of heavy loads, frequent travel, and prolonged presence of root protection measures. These impacts were considered in determining suitable root and trunk protection measures.

Further assessment of logging operations and practices was carried out on site and in consultation with a professional forester and forestry engineer. Multiple site assessments mapping terrain and assessing access and travel routes were conducted to determine that the lowest impact practices were implemented in order to safely and efficiently harvest timber in the DIA. As part of the review, a number of areas and trees were identified as being suitable for retention of logs in order to provide habitat and other benefits.



Tree Removal and Retention

Trees indicated for removal are identified in the attached Tree Protection Plan sheets (Appendix A).

In evaluating trees for retention or removal within the project area, three primary metrics were used to ensure that the objectives for safe and reliable electrical transmission line operation were balanced with the desire to limit ecological impacts in Forest Park:

- **Wireline/Border Zone Criteria:**
 - Trees were assessed based on their location relative to the proposed 230kV transmission lines. The wire zone – border zone concept, as outlined in ANSI A300 Part 7, as well as the Portland General Electric (PGE) Vegetation Management (VM) policy was key in the assessment of tree hazards. Trees within the wire zone, or path of the wires where direct interference with the transmission lines could occur, were prioritized for removal to ensure safe operational conditions for the proposed transmission line routes. The wire zone includes areas within 30 feet of the proposed centerline of wires between transmission structures. In these areas the safe operation of transmission lines requires that all vegetation conflicts be removed within 18 feet of the lowest conductor. In contrast, trees in the border zone were evaluated for selective retention based on relative height, health, age, known species failure profiles, and susceptibility to windthrow. The border zone includes portions of the maintained transmission corridor extending from 30 to 62.5 feet from the transmission centerline. For border zone trees along transmission corridors, the fall-in risk was calculated using a **1x height radius** from the line. This means if a tree could potentially fall and reach the line within the distance equal to its own height, it was considered for removal. For structures, this radius was increased to **1.5x the tree height** to account for the greater consequence of structural impact versus line impact.

- **Project/Logging Impact:**
 - The impact of logging operations and unavoidable construction impacts were considered as factors warranting removal. After reviewing several alternatives and redesigning the project to minimize the project footprint in Forest Park, specific areas were identified as necessary access roads and work areas for logging and construction. Trees within these areas would be in conflict with site preparation and construction activities. Contributing factors in the determination of minimal work areas needed to accomplish the Proposed Project include the site's limited workspace, the need for maximized protection areas around trees and riparian areas, the designation and protection of no work zones, steep and undulating terrain, and the minimum vehicle circulation routing needed to accomplish necessary work. Trees at the periphery of these work areas were evaluated for potential root damage or compaction, changes in soil stability, and increased potential of root instability. Special attention was given to minimizing



environmental impact within these peripheral areas and retaining trees where feasible, especially those providing significant ecological benefits or those near sensitive areas like the seasonal stream. However, trees likely to be negatively affected by the project's footprint or logistics, where these effects could not be mitigated due to site conditions, were marked for topping or removal to prevent future hazards. Topped trees are considered as a "removal" but topping was selected, where feasible, to limit the removal of important forest habitat structure.

- **Dead/Hazardous Classification:**

- A level one limited visual inspection, as defined by ISA tree risk assessment standards, was conducted to assess the health and structural integrity of each tree. Trees identified as dead, dying, or exhibiting signs of structural weakness, such as those with a low live crown ratio indicating reduced vigor, or poor taper suggesting structural instability, were selected for removal where they presented a fall-in risk to existing or proposed wires. In particular, where such trees would be exposed to windthrow hazards due to the creation of new forest edges, they were considered hazardous where near existing or proposed wires. Similarly, trees with dead or decayed portions posing immediate risks to new installations, public users, or utility and city personnel were marked for removal.

Tree Removal and Retention Strategy:

- **Retention:** Efforts were directed at retaining native and high impact trees such as Bigleaf Maple and Western Red Cedar outside of wire zones, while promoting ecological health and wildlife support.
- **Removal:** Trees that fell within the removal criteria described above were marked for removal. This included those directly under or near the transmission lines (wire zone), those that could not be safely retained due to logging logistics, and trees posing a hazard due to their condition. Removal processes were planned to minimize environmental impact. They will use mechanical means and strategic access routes to reduce soil and vegetation disturbance and protect retained trees.

Logging Operations and Methodology

Tree removal will primarily be accomplished by mechanical means utilizing the equipment explained in Appendix B. Felled trees will be moved up and down to log decking areas established at the top and bottom of the slope adjacent to existing roads for processing. Felling will be accomplished by hand crews and a single feller buncher which can cut and move the trees to limit extra handling. Felled trees will then be processed by a shovel logger which will transport and swing logs to the temporary forest road, reducing the need for skidding or unnecessary ground disturbance. Bobtail dump trucks will be used to transport logs and slash from the work area to the staging area at the bottom of the slope or across Hwy 30 to the Harborton Substation for final loading and chip processing for material that will not be retained on site.



Access to the logging work area will be provided by existing utility access roads above and below the logging area within the existing utility easements. Two southwest-northeast heavy logging equipment haul routes will be established along the outsides of the logging area (See Appendix B, Fig 1). These 20-foot-wide logging haul routes will be constructed as slash roads to limit soil disturbance. From the main access routes, lighter equipment will navigate through the central forest stand using two temporary circulation routes to cut, process and maneuver felled trees to the peripheral haul roads. This traffic will require two temporary stream crossings and will temporarily cross through the otherwise unaffected central forest stand that will remain after logging and is noted as a “No Work Area” on the attached Tree Protection Plan sheets. Timber bridges will be installed over the stream for access and removed at the completion of work.

The majority of Bigleaf Maple (*Acer macrophyllum*), Western Red Cedar (*Thuja plicata*), Oregon White Oak (*Quercus garryana*) and young to semi-mature as well as select mature Douglas Fir (*Pseudotsuga menziesii*), located outside proposed transmission corridor have been selected for retention. Any pruning required to facilitate the project may require an additional pruning permit to be issued in accordance with CIP and Title 11 guidelines. Any pruning conducted shall be done in accordance with ANSI A300, Part 1 (Pruning) Standards and ISA Best Management Practices. See the accompanying ROW Tree Pruning Specifications for additional information.

Tree Protection Specifications

Retained trees are subject to preservation under a variety of statutory authority. The Forest Park Natural Resource Management Plan (FPNRMP), Land Use requirements, Capital Improvement Project (CIP) protocols, and Title 11 and Title 33 overlap, all dictate tree protection and mitigation within the DIA. Due to the complexity of the site and operations, performance path tree protection specifications are necessary.

The root protection zone (RPZ) provides a minimum level of safeguard against construction impacts from compacted soil or physical injury to the tree itself and is used as a guide for a general safe working distance from protected trees. For the purpose of this project the “No Work Area” shall be considered as the RPZ for retained trees. Additional areas outside the No Work Area are also identified on the site plan in Tree Protection drawings as root protection zones. Due to the differing topography and utilization of the site throughout the project, multiple protection methods are required.

Root Protection Zones shall be defined as follows:

RPZ -1: Main Impact Area or “No Work Zone”

RPZ -2: BPA Road Access

RPZ -3: Upper Tower Sites

See attached Tree Plan for RPZ limits and detail.



The following tree protection standards are required for all root protection zones shown in this project.

1. Contractor must adhere to all applicable city codes and requirements of the tree plan.
2. Tree protection must be installed and approved by the City of Portland prior to any site work and must remain in good condition throughout the entire construction period. Construction or tree trimming activities and access that occur inside the root protection zone must be approved in advance by the project arborist. Any changes to or disassembly of tree protection measures without prior approval is prohibited.
3. Root protection zone includes all areas indicated as such in Tree Protection drawings.
4. Entrance into the excluded root protection zone is prohibited without prior approval of the project arborist. Any intrusion into the protection zone **shall** be reported to and managed by the project arborist.
5. When practical, hand tools **should** be used in areas designated as protection zones in this document in order to reduce impacts associated with heavy equipment.
6. All roots over 1 inch in diameter that need to be cut must first be inspected and approved by the project arborist and reported to the City of Portland.
7. Temporary removal of tree protection markers is permissible to allow mowing, tree removal, or maintenance prior to construction. Markers must be replaced immediately upon completion of work.

The following tree protection standards are required for RPZ -1: Main Impact Area or “No Work Zone”

1. Tree protection markers shall be placed as shown on the plans included in this document.
2. During logging operations only, trunk protection shall be required when working within 10 feet of any preserved tree.
3. During logging operations only, logging contractors shall lay slash over harvest tracks to spread the machinery load and prevent compaction or mechanical injury to roots when working within 10 feet of any preserved tree. Slash protection pad shall be constructed of mixed size forest waste material a minimum of 10 -inch depth.
4. Encroachment into the RPZ, at any project phase, shall require a supervising Certified Arborist on site.
5. No auxiliary construction activity shall occur within the protection zone. Including but not limited to: dumping or storage of materials such as building supplies, soil, waste items, or parked vehicles or equipment.
6. The protection zone shall remain free of chemical or hazardous materials and liquids such as paints, thinners, cleaning solutions, petroleum products and concrete or drywall excess, construction debris, or run-off.
7. **Without exception; no excavation, approved tree trimming or tree removal, trenching, grading, root pruning or similar activity shall occur within the root protection zone unless directed by an arborist present on site and approved by the project arborist.**



The following tree protection standards are required for RPZ -2: BPA Road Access

1. Tree protection markers shall be placed as shown on the plans included in this document.
2. Root protection matting shall be installed according to the specifications given in this plan in the areas designated.
3. No auxiliary construction activity shall occur within the protection zone. Including but not limited to: dumping or storage of materials such as building supplies, soil, waste items, or parked vehicles or equipment.
4. The protection zone shall remain free of chemical or hazardous materials and liquids such as paints, thinners, cleaning solutions, petroleum products and concrete or drywall excess, construction debris, or run-off.
5. **Without exception; no excavation, approved tree trimming or tree removal, trenching, grading, root pruning or similar activity shall occur within the root protection zone unless directed by an arborist present on site and approved by the project arborist.**

The following tree protection standards are required for RPZ -3: Upper Tower Sites and Marina Way

1. Tree protection markers shall be placed as shown on the plans included in this document.
2. During logging operations only, trunk protection shall be required when working within 10 feet of any preserved tree.
3. During logging operations only, logging contractors shall lay slash over harvest tracks to spread the machinery load and prevent compaction or mechanical injury to roots when working within 10 feet of any preserved tree. Slash protection pad shall be constructed of mixed size forest waste material a minimum of 10 -inch depth.
4. Encroachment into the RPZ, at any project phase, shall require a supervising Certified Arborist on site.
5. No auxiliary construction activity shall occur within the protection zone. Including but not limited to: dumping or storage of materials such as building supplies, soil, waste items, or parked vehicles or equipment.
6. The protection zone shall remain free of chemical or hazardous materials and liquids such as paints, thinners, cleaning solutions, petroleum products and concrete or drywall excess, construction debris, or run-off.
7. **Without exception; no excavation, approved tree trimming or tree removal, trenching, grading, root pruning or similar activity shall occur within the root protection zone unless directed by an arborist present on site and approved by the project arborist.**



Specifications for Tree Protection Markers

Due to the impracticability of typical metal fencing and the desire to avoid utilization of plastic fencing, marking posts denoting protection zones is proposed.

1. Tree protection markers shall be installed and maintained in accordance with the following guidelines and as shown on the associated Tree Protection drawings.
2. Tree protection markers shall be installed prior to any development activities, including, but not limited to clearing, grading, excavation or demolition work, and shall be removed only after completion of all construction activity, including landscaping and irrigation installation if applicable.
3. Marker posts shall consist of 2x2-inch wooden stakes, or similar, a minimum of 6 feet tall, placed 20 feet apart. Posts shall be marked with blaze orange flagging ribbon securely tied or stapled to the post and shall be installed at the edge of the tree protection zone and at the boundary of any open space tracts or conservation easements that abut the parcel being developed.
4. Attach approved signs, included in Appendix D, to each post every 40 feet.

Specifications for Physical Trunk Protection

Due to the fast moving nature of logging operations and the potential for impact with nearby standing trees, physical trunk protection is necessary to reduce accidental contact with preserved trees that would normally result in harm to the trunk or roots.

1. Protection shall consist of 2x4-inch lumber at least 6 feet in length. Boards should be loosely banded around the trunk in a manner which protects the trunk and root flare of the tree from unintentional impacts.
2. The protection shall apply to any impact occurring within 10 feet of a preserved tree, such as felling, processing, loading, or other operations at a high likelihood of inadvertently contacting nearby trees.
3. Trunk protection may be removed at the conclusion of the activity necessitating its installation.
4. Suggested specifications are included in Appendix . Alternative designs may be approved by the managing arborist if deemed to adequately protect the tree and approved as required by city officials.

Specifications for Root Protection Matting

In cases where access is unavoidable through a root protection zone one of the following methods is to be utilized.

1. A minimum of ½” steel plate over 3 -inches of uncompacted ¾-minus base rock
2. A minimum of ¾” PVC sheet over a minimum of 4” of uncompacted ¾-minus base rock to bridge the root protection zone and protect from excess compaction.
3. Crane matting laid over top a minimum of 6 -inches of ¾-minus base rock.



4. Installation of 8 -inches of $\frac{3}{4}$ -minus base rock over permeable non-woven underlayment placed directly on native soil with GeoGrid interlayer material and GeoCell or similar expanding polyethylene grid material as a supportive base. A minimum cell depth of 2 inches is required.
5. Alternative designs may be approved by the managing arborist if deemed to adequately protect the tree and approved as required by city officials.
6. Root protection matting specified in areas designated RPZ-1 or RPZ-3 shall utilize a minimum 8 -inch deep base of natural wood chips laid over permeable non-woven underlayment as an alternative to $\frac{3}{4}$ -minus base rock.

Specifications for Slash Road Construction

To reduce the impact of logging machinery on sensitive roads and nearby protected trees, the following practice shall be required.

1. Logging contractors shall lay slash over harvest tracks to spread the machinery load across a wider footprint.
2. Slash road shall be constructed of mixed size forest waste material a minimum of 10 -inch depth.
3. Slash roads shall be removed upon project completion in areas where debris accumulation is unpermitted, undesirable, or interferes with mitigation planting. In areas where permissible, slash roads may remain only if it enhances the environmental function of the area.
4. In the event that rutting occurs after slash road installation, the contractor shall fill in ruts as quickly as conditions allow, lay additional barriers such as geotextile fabric over the length of the rutted portions and apply $\frac{3}{4}$ -minus base rock at a depth no less than 3 to 6 inches.

Limits of Assignment

My observations have been limited to above-ground observations of the subject trees and the surrounding site. Information gathered was based solely upon my site inspections and any information provided to me by the contractor. It is presumed that all of the historical information and data provided to me regarding the project and the trees is factual. If any information is later revealed to be false or inaccurate, the findings and valuations in this report may be invalidated.

This report does not serve as a tree risk assessment. Further, knowledge in this matter is limited to arboriculture. This report is not intended to be legal advice. I do not and cannot guarantee the safety, health, or condition of the subject trees. No warranty or guarantee is expressed or implied. The tree's in this report are subject to nature and forces beyond human control, there can be no guarantee that problems or deficiencies may not arise in the future.

Arborists are experts who use their knowledge, education, training, and experience to examine trees, recommend measures to enhance them, provide guidance, and attempt to mitigate the



risk of living trees. The client is ultimately responsible for choosing whether to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to structural failure of a tree. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risks associated with trees is to eliminate all trees.

I certify the information provided in this report is true and accurate to the best of my knowledge based on the facts provided to me, the information collected by me and the Limitations of Assignment listed above.

Name: Chris Whitman Title: Board Certified Master Arborist (WE-10291-BU)

Signature:  Date: 09/21/2024



Supporting Documents



Appendix A

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
1	Oregon White Oak (Quercus garryana)	28	4	3	35	No	Y	N	N	N	M	56	1	
2	Douglas Fir (Pseudotsuga menziesii)	32	4	3	40	No	Y	N	N	N	M	64	1	
3	Douglas Fir (Pseudotsuga menziesii)	23	4	3	29	No	Y	N	N	N	M	46	1	
4	Sweet Cherry (Prunus avium)	21	0	3	66	Yes	Y	N	N	N	M	42	-	
5	Douglas Fir (Pseudotsuga menziesii)	35	3	3	44	No	Y	N	N	N	M	70	2	
6	Western Red Cedar (Thuja plicata)	24	3	3	31	No	Y	N	N	N	M	48	2	
7	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	2	Top @ 60'
8	Douglas Fir (Pseudotsuga menziesii)	38	3	3	49	No	Y	N	N	N	M	76	2	
9	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	2	
10	Red Alder (Alnus rubrum)	34	3	3	44	No	Y	N	N	N	M	68	2	Top @ 60'
11	Sweet Cherry (Prunus avium)	38	3	3	49	No	Y	N	N	Y	M	76	2	
12	Red Alder (Alnus rubrum)	12	3	3	16	No	Y	N	N	Y	M	24	1	
13	Red Alder (Alnus rubrum)	12	3	3	16	No	Y	N	N	Y	M	24	1	
14	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	No	Y	N	N	N	M	68	2	
15	Douglas Fir (Pseudotsuga menziesii)	38	3	3	49	No	Y	N	N	N	M	76	2	
16	Douglas Fir (Pseudotsuga menziesii)	17	4	3	18	Yes	Y	N	N	N	M	34	-	
17	Bigleaf Maple (Acer macrophyllum)	34	3	3	44	Yes	Y	N	N	N	M	68	-	
18	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
19	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
20	Douglas Fir (Pseudotsuga menziesii)	26	3	3	34	No	Y	N	N	N	M	52	1	Top @ 60'
21	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
22	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	1	
23	Douglas Fir (Pseudotsuga menziesii)	16	0	3	21	Yes	Y	N	N	N	M	32	-	
24	Douglas Fir (Pseudotsuga menziesii)	18	4	3	23	No	Y	N	N	N	M	36	1	
25	Douglas Fir (Pseudotsuga menziesii)	16	4	3	21	No	Y	N	N	N	M	32	1	
26	Red Alder (Alnus rubrum)	14	0	3	18	Yes	Y	N	N	N	M	28	-	
27	Red Alder (Alnus rubrum)	20	1	3	26	No	Y	N	N	N	M	40	1	
28	Bigleaf Maple (Acer macrophyllum)	40	3	3	52	Yes	Y	N	N	N	M	80	-	
29	Douglas Fir (Pseudotsuga menziesii)	32	3	3	42	Yes	Y	N	N	N	M	64	-	
30	Bigleaf Maple (Acer macrophyllum)	32	3	3	42	Yes	Y	N	N	N	M	64	-	
31	Western Red Cedar (Thuja plicata)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
32	Douglas Fir (Pseudotsuga menziesii)	42	3	3	55	Yes	Y	N	N	N	M	84	-	
33	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
34	Douglas Fir (Pseudotsuga menziesii)	38	3	3	49	No	Y	N	N	N	M	76	2	Top @ 60'
35	Western Red Cedar (Thuja plicata)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
36	Douglas Fir (Pseudotsuga menziesii)	44	3	3	57	No	Y	N	N	N	M	88	1	
37	Douglas Fir (Pseudotsuga menziesii)	16	2	3	21	No	Y	N	N	N	M	32	1	
38	Douglas Fir (Pseudotsuga menziesii)	38	4	3	49	No	Y	N	N	N	M	76	1	
39	Douglas Fir (Pseudotsuga menziesii)	34	4	3	44	No	Y	N	N	N	M	68	1	
40	Douglas Fir (Pseudotsuga menziesii)	43	4	3	56	No	Y	N	N	N	M	86	2	Top @ 60'
41	Western Red Cedar (Thuja plicata)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
42	Douglas Fir (Pseudotsuga menziesii)	25	4	3	33	Yes	Y	N	N	N	M	50	-	Top @ 60'
43	Douglas Fir (Pseudotsuga menziesii)	40	4	3	52	No	Y	N	N	N	M	80	1	Top @ 60'
44	Red Alder (Alnus rubrum)	25	3	3	18	No	Y	N	N	N	M	50	1	
45	Western Red Cedar (Thuja plicata)	14	3	3	18	No	Y	N	N	N	M	28	1	
46	Douglas Fir (Pseudotsuga menziesii)	26	4	3	34	No	Y	N	N	N	M	52	1	Top @ 60'
47	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	No	Y	N	N	N	M	20	1	
48	Western Red Cedar (Thuja plicata)	28	4	3	36	No	Y	N	N	N	M	56	1	
49	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	No	Y	N	N	N	M	60	1	Top @ 60'
50	Douglas Fir (Pseudotsuga menziesii)	19	3	3	25	No	Y	N	N	N	M	38	1	Top @ 60'

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
51	Douglas Fir (Pseudotsuga menziesii)	24	4	3	31	No	Y	N	N	N	M	48	2	
52	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	2	
53	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	2	
54	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	2	
55	Red Alder (Alnus rubrum)	8	3	3	10	No	Y	N	N	N	M	16	1	
56	Western Red Cedar (Thuja plicata)	30	3	3	39	No	Y	N	N	N	M	60	1	
57	Red Alder (Alnus rubrum)	7	3	3	9	No	Y	N	N	N	M	14	1	
58	Red Alder (Alnus rubrum)	9	3	3	8	No	Y	N	N	N	M	18	1	
59	Red Alder (Alnus rubrum)	17	3	3	13	No	Y	N	N	N	M	34	1	
60	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	1	
61	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	No	Y	N	N	N	M	54	1	
62	Bigleaf Maple (Acer macrophyllum)	30	3	3	25	No	Y	N	N	N	M	60	1	
63	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
64	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
65	Douglas Fir (Pseudotsuga menziesii)	10	0	3	13	Yes	Y	N	N	N	M	20	-	
66	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	1	
67	Douglas Fir (Pseudotsuga menziesii)	18	3	3	23	No	Y	N	N	N	M	36	1	
68	Douglas Fir (Pseudotsuga menziesii)	39	3	3	51	No	Y	N	N	N	M	78	1	
69	Unknown	20	0	3	26	No	Y	N	N	N	M	40	3	
70	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
71	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
72	Oregon White Oak (Quercus garryana)	30	3	3	29	No	Y	N	N	N	M	60	1	
73	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
74	Douglas Fir (Pseudotsuga menziesii)	22	3	3	21	Yes	Y	N	N	N	M	44	-	
75	Douglas Fir (Pseudotsuga menziesii)	17	0	3	22	Yes	Y	N	N	N	M	34	-	
76	Oregon White Oak (Quercus garryana)	15	4	3	20	Yes	Y	N	N	N	M	30	-	
77	Oregon White Oak (Quercus garryana)	10	0	3	9	Yes	Y	N	N	N	M	20	-	
78	Oregon White Oak (Quercus garryana)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
79	Oregon White Oak (Quercus garryana)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
80	Oregon White Oak (Quercus garryana)	44	3	3	44	Yes	Y	N	N	N	M	88	-	
81	Oregon White Oak (Quercus garryana)	6	4	3	8	Yes	Y	N	N	N	M	12	-	
82	Oregon White Oak (Quercus garryana)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
83	Oregon White Oak (Quercus garryana)	18	3	3	23	Yes	Y	N	N	N	M	36	-	
84	Oregon White Oak (Quercus garryana)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
85	Oregon White Oak (Quercus garryana)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
86	Oregon White Oak (Quercus garryana)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
87	Oregon White Oak (Quercus garryana)	10	2	3	13	Yes	Y	N	N	N	M	20	-	
88	Oregon White Oak (Quercus garryana)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
89	Oregon White Oak (Quercus garryana)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
90	Oregon White Oak (Quercus garryana)	23	3	3	16	Yes	Y	N	N	N	M	46	-	
91	Oregon White Oak (Quercus garryana)	12	4	3	16	Yes	Y	N	N	N	M	24	-	
92	Oregon White Oak (Quercus garryana)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
93	Oregon White Oak (Quercus garryana)	29	3	3	18	Yes	Y	N	N	N	M	58	-	
94	Oregon White Oak (Quercus garryana)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
95	Oregon White Oak (Quercus garryana)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
96	Oregon White Oak (Quercus garryana)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
97	Oregon White Oak (Quercus garryana)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
98	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
99	Oregon White Oak (Quercus garryana)	18	3	3	23	Yes	Y	N	N	N	M	36	-	

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
100	Bigleaf Maple (Acer macrophyllum)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
101	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	Yes	Y	N	N	N	M	56	-	
102	Douglas Fir (Pseudotsuga menziesii)	14	4	3	18	Yes	Y	N	N	N	M	28	-	
103	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	Yes	Y	N	N	N	M	44	-	
104	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
105	Bigleaf Maple (Acer macrophyllum)	44	3	3	49	Yes	Y	N	N	N	M	88	-	
106	Bigleaf Maple (Acer macrophyllum)	32	4	3	42	Yes	Y	N	N	N	M	64	-	
107	Bigleaf Maple (Acer macrophyllum)	15	4	3	13	Yes	Y	N	N	N	M	30	-	
108	Common Hazel (Corylus avellana)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
109	Common Hazel (Corylus avellana)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
110	Common Hazel (Corylus avellana)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
111	Common Hazel (Corylus avellana)	7	4	3	9	Yes	Y	N	N	N	M	14	-	
112	Common Hazel (Corylus avellana)	9	4	3	12	Yes	Y	N	N	N	M	18	-	
113	Common Hazel (Corylus avellana)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
114	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
115	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	Yes	Y	N	N	N	M	56	-	
117	Douglas Fir (Pseudotsuga menziesii)	19	3	3	25	Yes	Y	N	N	N	M	38	-	
118	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
119	Bigleaf Maple (Acer macrophyllum)	24	3	3	21	Yes	Y	N	N	N	M	48	-	
120	Western Red Cedar (Thuja plicata)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
121	Western Red Cedar (Thuja plicata)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
122	Bigleaf Maple (Acer macrophyllum)	56	3	3	23	Yes	Y	N	N	N	M	112	-	
123	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
124	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
125	Oregon White Oak (Quercus garryana)	22	4	3	29	Yes	Y	N	N	N	M	44	-	
126	Western Red Cedar (Thuja plicata)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
127	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
129	Bigleaf Maple (Acer macrophyllum)	21	3	3	16	Yes	Y	N	N	N	M	42	-	
130	Western Red Cedar (Thuja plicata)	28	4	3	36	No	Y	N	N	N	M	56	2	
131	Bigleaf Maple (Acer macrophyllum)	24	3	3	31	No	Y	N	N	N	M	48	2	
141	Red Alder (Alnus rubrum)	26	3	3	10	No	Y	N	N	N	M	52	2	
142	Bigleaf Maple (Acer macrophyllum)	16	2	3	21	No	Y	N	N	N	M	32	2	
143	Bigleaf Maple (Acer macrophyllum)	17	2	3	16	No	Y	N	N	N	M	34	2	
144	Bigleaf Maple (Acer macrophyllum)	31	3	3	29	No	Y	N	N	N	M	62	2	
145	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	No	Y	N	N	N	M	16	2	
146	Bigleaf Maple (Acer macrophyllum)	12	3	3	16	No	Y	N	N	N	M	24	2	
147	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	No	Y	N	N	N	M	16	2	
148	Bigleaf Maple (Acer macrophyllum)	11	3	3	10	No	Y	N	N	N	M	22	2	
149	Bigleaf Maple (Acer macrophyllum)	10	4	3	13	No	Y	N	N	N	M	20	2	
150	Bigleaf Maple (Acer macrophyllum)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
151	Bigleaf Maple (Acer macrophyllum)	10	4	3	9	Yes	Y	N	N	N	M	20	-	
152	Bigleaf Maple (Acer macrophyllum)	10	4	3	9	Yes	Y	N	N	N	M	20	-	
153	Bigleaf Maple (Acer macrophyllum)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
154	Bigleaf Maple (Acer macrophyllum)	10	4	3	13	Yes	Y	N	N	N	M	20	-	
155	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
156	Bigleaf Maple (Acer macrophyllum)	19	3	3	20	Yes	Y	N	N	N	M	38	-	
157	Bigleaf Maple (Acer macrophyllum)	15	3	3	13	Yes	Y	N	N	N	M	30	-	
158	Bigleaf Maple (Acer macrophyllum)	16	3	3	12	Yes	Y	N	N	N	M	32	-	
159	Red Alder (Alnus rubrum)	14	3	3	14	Yes	Y	N	N	N	M	28	-	

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160	Bigleaf Maple (Acer macrophyllum)	33	3	3	34	Yes	Y	N	N	N	M	66	-	
161	Red Alder (Alnus rubrum)	6	0	3	8	Yes	Y	N	N	N	M	12	-	
162	Douglas Fir (Pseudotsuga menziesii)	30	4	3	39	No	Y	N	N	N	M	60	2	
163	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	2	
164	Douglas Fir (Pseudotsuga menziesii)	13	4	3	17	No	Y	N	N	N	M	26	2	
165	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	2	
166	Douglas Fir (Pseudotsuga menziesii)	19	3	3	25	Yes	Y	N	N	N	M	38	-	
167	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
168	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
169	Bigleaf Maple (Acer macrophyllum)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
170	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
171	Bigleaf Maple (Acer macrophyllum)	10	3	3	9	Yes	Y	N	N	N	M	20	-	
172	Bigleaf Maple (Acer macrophyllum)	16	1	3	21	Yes	Y	N	N	N	M	32	-	
173	Bigleaf Maple (Acer macrophyllum)	8	1	3	10	Yes	Y	N	N	N	M	16	-	
174	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	
175	Oregon White Oak (Quercus garryana)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
176	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
177	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
178	Oregon White Oak (Quercus garryana)	15	3	3	20	Yes	Y	N	N	N	M	30	--	
179	Oregon White Oak (Quercus garryana)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
180	Oregon White Oak (Quercus garryana)	15	3	3	14	Yes	Y	N	N	N	M	30	-	
181	Oregon White Oak (Quercus garryana)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
182	Oregon White Oak (Quercus garryana)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
183	Oregon White Oak (Quercus garryana)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
184	Douglas Fir (Pseudotsuga menziesii)	8	0	3	10	No	Y	N	N	N	M	16	3	
185	Douglas Fir (Pseudotsuga menziesii)	25	3	3	33	No	Y	N	N	N	M	50	1	
186	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	1	
187	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
188	Douglas Fir (Pseudotsuga menziesii)	23	3	3	30	No	Y	N	N	N	M	46	1	
189	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
190	Douglas Fir (Pseudotsuga menziesii)	32	3	3	42	No	Y	N	N	N	M	64	1	
191	Western Red Cedar (Thuja plicata)	23	3	3	30	No	Y	N	N	N	M	46	1	
192	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
193	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
194	Douglas Fir (Pseudotsuga menziesii)	12	0	3	16	No	Y	N	N	N	M	24	3	
195	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	1	
196	Red Alder (Alnus rubrum)	29	3	3	14	No	Y	N	N	N	M	58	1	
197	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	No	Y	N	N	N	M	32	1	
198	Bigleaf Maple (Acer macrophyllum)	29	3	3	22	No	Y	N	N	N	M	58	1	
199	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	No	Y	N	N	N	M	68	1	
200	Douglas Fir (Pseudotsuga menziesii)	16	4	3	21	No	Y	N	N	N	M	32	1	
201	Douglas Fir (Pseudotsuga menziesii)	40	3	3	52	No	Y	N	N	N	M	80	1	
202	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	No	Y	N	N	N	M	68	1	
203	Douglas Fir (Pseudotsuga menziesii)	8	4	3	10	No	Y	N	N	N	M	16	1	
204	Douglas Fir (Pseudotsuga menziesii)	20	4	3	26	No	Y	N	N	N	M	40	1	
205	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
206	Douglas Fir (Pseudotsuga menziesii)	38	4	3	49	No	Y	N	N	N	M	76	1	
207	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	No	Y	N	N	N	M	26	1	
208	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	No	Y	N	N	N	M	54	1	

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209	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
210	Douglas Fir (Pseudotsuga menziesii)	11	0	3	14	No	Y	N	N	N	M	22	3	
211	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
212	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	1	
213	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
214	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	No	Y	N	N	N	M	54	1	
215	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
216	Douglas Fir (Pseudotsuga menziesii)	18	3	3	23	No	Y	N	N	N	M	36	1	
217	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
218	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	No	Y	N	N	N	M	36	1	
219	Bigleaf Maple (Acer macrophyllum)	38	3	3	49	No	Y	N	N	N	M	76	1	
220	Douglas Fir (Pseudotsuga menziesii)	38	3	3	49	No	Y	N	N	N	M	76	1	
221	Bigleaf Maple (Acer macrophyllum)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
222	Bigleaf Maple (Acer macrophyllum)	28	3	3	20	Yes	Y	N	N	N	M	56	-	
223	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	Yes	Y	N	N	N	M	72	-	
224	Bigleaf Maple (Acer macrophyllum)	21	3	3	27	Yes	Y	N	N	N	M	42	-	
225	Western Red Cedar (Thuja plicata)	26	3	3	34	Yes	Y	N	N	N	M	52	-	
226	Douglas Fir (Pseudotsuga menziesii)	21	3	3	27	No	Y	N	N	N	M	42	1	
227	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
228	Douglas Fir (Pseudotsuga menziesii)	40	4	3	52	No	Y	N	N	N	M	80	1	
229	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
230	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	1	
231	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	No	Y	N	N	N	M	16	1	
232	Douglas Fir (Pseudotsuga menziesii)	22	4	3	29	No	Y	N	N	N	M	44	1	
233	Douglas Fir (Pseudotsuga menziesii)	16	4	3	21	No	Y	N	N	N	M	32	1	
234	Douglas Fir (Pseudotsuga menziesii)	11	4	3	14	No	Y	N	N	N	M	22	1	
235	Douglas Fir (Pseudotsuga menziesii)	25	3	3	33	No	Y	N	N	N	M	50	1	
236	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
237	Bigleaf Maple (Acer macrophyllum)	9	4	3	12	No	Y	N	N	N	M	18	1	
238	Douglas Fir (Pseudotsuga menziesii)	19	3	3	25	No	Y	N	N	N	M	38	1	
239	Douglas Fir (Pseudotsuga menziesii)	21	3	3	27	No	Y	N	N	N	M	42	1	
240	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
241	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
242	Douglas Fir (Pseudotsuga menziesii)	7	4	3	9	No	Y	N	N	N	M	14	1	
243	Douglas Fir (Pseudotsuga menziesii)	9	4	3	12	No	Y	N	N	N	M	18	1	
244	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
245	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	No	Y	N	N	N	M	14	1	
246	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	1	
247	Bigleaf Maple (Acer macrophyllum)	12	3	3	16	No	Y	N	N	N	M	24	1	
248	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	No	Y	N	N	N	M	32	2	
249	Western Red Cedar (Thuja plicata)	19	3	3	25	No	Y	N	N	N	M	38	1	
250	Western Red Cedar (Thuja plicata)	30	3	3	26	Yes	Y	N	N	N	M	60	-	
251	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
252	Douglas Fir (Pseudotsuga menziesii)	41	3	3	36	Yes	Y	N	N	N	M	82	-	
253	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
254	Bigleaf Maple (Acer macrophyllum)	8	2	3	10	Yes	Y	N	N	N	M	16	-	
255	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
256	Douglas Fir (Pseudotsuga menziesii)	20	0	3	26	Yes	Y	N	N	N	M	40	-	
257	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	

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258	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
259	Douglas Fir (Pseudotsuga menziesii)	46	3	3	60	Yes	Y	N	N	N	M	92	-	
260	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	No	Y	N	N	N	M	28	2	
261	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	No	Y	N	N	N	M	60	1	
262	Western Red Cedar (Thuja plicata)	14	3	3	18	No	Y	N	N	N	M	28	1	
263	Western Red Cedar (Thuja plicata)	17	3	3	22	No	Y	N	N	N	M	34	2	
264	Western Red Cedar (Thuja plicata)	36	3	3	47	No	Y	N	N	N	M	72	1	
265	Red Alder (Alnus rubrum)	21	1	3	27	No	Y	N	N	N	M	42	1	
266	Bigleaf Maple (Acer macrophyllum)	51	3	3	23	No	Y	N	N	N	M	102	1	
267	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
268	Red Alder (Alnus rubrum)	10	3	3	13	No	Y	N	N	N	M	20	1	
269	Red Alder (Alnus rubrum)	9	3	3	12	No	Y	N	N	N	M	18	1	
270	Red Alder (Alnus rubrum)	8	3	3	10	No	Y	N	N	N	M	16	2	
271	Red Alder (Alnus rubrum)	8	3	3	10	No	Y	N	N	N	M	16	2	
272	Red Alder (Alnus rubrum)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
273	Douglas Fir (Pseudotsuga menziesii)	50	3	3	65	Yes	Y	N	N	N	M	100	-	
274	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	Yes	Y	N	N	N	M	54	-	
275	Douglas Fir (Pseudotsuga menziesii)	52	3	3	68	Yes	Y	N	N	N	M	104	-	
276	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
277	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
278	Douglas Fir (Pseudotsuga menziesii)	40	3	3	52	Yes	Y	N	N	N	M	80	-	
279	Western Red Cedar (Thuja plicata)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
280	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
281	Bigleaf Maple (Acer macrophyllum)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
282	Red Alder (Alnus rubrum)	10	3	3	13	No	Y	N	N	N	M	20	1	
283	Douglas Fir (Pseudotsuga menziesii)	28	4	3	36	No	Y	N	N	N	M	56	1	
284	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
285	Douglas Fir (Pseudotsuga menziesii)	10	4	3	13	No	Y	N	N	N	M	20	1	
286	Douglas Fir (Pseudotsuga menziesii)	6	4	3	8	No	Y	N	N	N	M	12	1	
287	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	No	Y	N	N	N	M	12	1	
288	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	No	Y	N	N	N	M	68	1	
289	Douglas Fir (Pseudotsuga menziesii)	28	4	3	36	No	Y	N	N	N	M	56	1	
290	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	1	
291	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	1	
292	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
293	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	1	
294	Bigleaf Maple (Acer macrophyllum)	33	4	3	23	No	Y	N	N	N	M	66	1	
295	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
296	Douglas Fir (Pseudotsuga menziesii)	48	3	3	62	Yes	Y	N	N	N	M	96	-	
297	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	Yes	Y	N	N	N	M	36	-	
298	Red Alder (Alnus rubrum)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
299	Bigleaf Maple (Acer macrophyllum)	64	3	3	39	Yes	Y	N	N	N	M	128	-	
300	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	2	
301	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	No	Y	N	N	N	M	32	2	
302	Douglas Fir (Pseudotsuga menziesii)	48	0	3	62	Yes	Y	N	N	N	M	96	-	
303	Bigleaf Maple (Acer macrophyllum)	32	3	3	22	No	Y	N	N	N	M	64	1	
304	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	2	
305	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	No	Y	N	N	N	M	32	2	
306	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	

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307	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	Yes	Y	N	N	N	M	72	-	
308	Douglas Fir (Pseudotsuga menziesii)	9	0	3	12	Yes	Y	N	N	N	M	18	-	
309	Western Red Cedar (Thuja plicata)	17	2	3	14	No	Y	N	N	N	M	34	2	
310	Douglas Fir (Pseudotsuga menziesii)	12	2	3	16	No	Y	N	N	N	M	24	1	
311	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
312	Douglas Fir (Pseudotsuga menziesii)	26	3	3	34	No	Y	N	N	N	M	52	1	
313	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
314	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
315	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	No	Y	N	N	N	M	60	1	
316	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	1	
317	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
318	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	No	Y	N	N	N	M	44	1	
319	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
320	Unknown	14	0	3	10	No	Y	N	N	N	M	28	3	
321	Sweet Cherry (Prunus avium)	10	0	3	9	No	Y	N	N	Y	M	20	3	
322	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	No	Y	N	N	N	M	32	1	
323	Douglas Fir (Pseudotsuga menziesii)	18	3	3	23	No	Y	N	N	N	M	36	1	
324	Douglas Fir (Pseudotsuga menziesii)	46	3	3	53	No	Y	N	N	N	M	92	1	
325	Douglas Fir (Pseudotsuga menziesii)	19	3	3	25	No	Y	N	N	N	M	38	1	
326	Bigleaf Maple (Acer macrophyllum)	24	3	3	31	No	Y	N	N	N	M	48	2	
327	Red Alder (Alnus rubrum)	20	3	3	26	No	Y	N	N	N	M	40	2	
328	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	No	Y	N	N	N	M	44	1	Topped
329	Western Red Cedar (Thuja plicata)	10	4	3	13	No	Y	N	N	N	M	20	1	
330	Douglas Fir (Pseudotsuga menziesii)	44	3	3	57	No	Y	N	N	N	M	88	2	
331	Douglas Fir (Pseudotsuga menziesii)	17	4	3	22	Yes	Y	N	N	N	M	34	-	
332	Douglas Fir (Pseudotsuga menziesii)	20	4	3	26	Yes	Y	N	N	N	M	40	-	
333	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
334	Western Red Cedar (Thuja plicata)	20	3	3	26	Yes	Y	N	N	N	M	40	-	
335	Western Red Cedar (Thuja plicata)	28	3	3	36	Yes	Y	N	N	N	M	56	-	
336	Western Red Cedar (Thuja plicata)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
337	Western Red Cedar (Thuja plicata)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
338	Douglas Fir (Pseudotsuga menziesii)	28	0	3	36	Yes	Y	N	N	N	M	56	-	
339	Sweet Cherry (Prunus avium)	13	1	3	17	No	Y	N	N	Y	M	26	1	
340	Western Red Cedar (Thuja plicata)	14	4	3	18	No	Y	N	N	N	M	28	1	
341	Western Red Cedar (Thuja plicata)	8	4	3	10	No	Y	N	N	N	M	16	1	
342	Western Red Cedar (Thuja plicata)	19	4	3	25	No	Y	N	N	N	M	38	1	
343	Western Red Cedar (Thuja plicata)	22	4	3	29	No	Y	N	N	N	M	44	1	
344	Western Red Cedar (Thuja plicata)	12	4	3	16	No	Y	N	N	N	M	24	1	
345	Western Red Cedar (Thuja plicata)	20	0	3	26	Yes	Y	N	N	N	M	40	-	
346	Western Red Cedar (Thuja plicata)	23	4	3	30	No	Y	N	N	N	M	46	1	
347	Western Red Cedar (Thuja plicata)	8	4	3	10	No	Y	N	N	N	M	16	1	
348	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	No	Y	N	N	N	M	20	1	
349	Western Red Cedar (Thuja plicata)	14	3	3	13	No	Y	N	N	N	M	28	1	
350	Bigleaf Maple (Acer macrophyllum)	8	0	3	10	Yes	Y	N	N	N	M	16	-	
351	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
352	Western Red Cedar (Thuja plicata)	42	3	3	47	No	Y	N	N	N	M	84	1	
353	Western Red Cedar (Thuja plicata)	36	3	3	47	No	Y	N	N	N	M	72	1	
354	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	No	Y	N	N	N	M	54	1	
355	Douglas Fir (Pseudotsuga menziesii)	21	3	3	27	No	Y	N	N	N	M	42	1	

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356	Douglas Fir (Pseudotsuga menziesii)	17	3	3	22	No	Y	N	N	N	M	34	1	
357	Bigleaf Maple (Acer macrophyllum)	14	0	3	18	Yes	Y	N	N	N	M	28	-	
358	Bigleaf Maple (Acer macrophyllum)	27	3	3	18	Yes	Y	N	N	N	M	54	-	
359	Bigleaf Maple (Acer macrophyllum)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
360	Douglas Fir (Pseudotsuga menziesii)	7	0	3	9	Yes	Y	N	N	N	M	14	-	
361	Douglas Fir (Pseudotsuga menziesii)	21	3	3	27	Yes	Y	N	N	N	M	42	-	
362	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	Yes	Y	N	N	N	M	68	-	
363	Bigleaf Maple (Acer macrophyllum)	29	3	3	21	Yes	Y	N	N	N	M	58	-	
364	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	Yes	Y	N	N	N	M	56	-	
365	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	Yes	Y	N	N	N	M	72	-	
366	Douglas Fir (Pseudotsuga menziesii)	39	3	3	35	No	Y	N	N	N	M	78	2	
367	Douglas Fir (Pseudotsuga menziesii)	18	3	3	18	No	Y	N	N	N	M	36	2	
368	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
369	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	No	Y	N	N	N	M	36	1	
370	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	No	Y	N	N	N	M	30	2	
371	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	Yes	Y	N	N	N	M	36	-	
372	Unknown	14	0	3	18	Yes	Y	N	N	N	M	28	-	
373	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
374	Unknown	14	0	3	18	Yes	Y	N	N	N	M	28	-	
375	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	No	Y	N	N	N	M	44	1	
376	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	No	Y	N	N	N	M	28	1	
377	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
378	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
379	Bigleaf Maple (Acer macrophyllum)	35	3	3	23	No	Y	N	N	N	M	70	1	
380	Bigleaf Maple (Acer macrophyllum)	14	0	3	18	Yes	Y	N	N	N	M	28	-	
381	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	No	Y	N	N	N	M	30	1	
382	Western Red Cedar (Thuja plicata)	11	3	3	14	No	Y	N	N	N	M	22	1	
383	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
384	Douglas Fir (Pseudotsuga menziesii)	33	4	3	43	No	Y	N	N	N	M	66	1	
385	Red Alder (Alnus rubrum)	13	3	3	17	No	Y	N	N	N	M	26	1	
386	Western Red Cedar (Thuja plicata)	9	3	3	12	No	Y	N	N	N	M	18	1	
387	Bigleaf Maple (Acer macrophyllum)	46	4	3	36	No	Y	N	N	N	M	92	1	
388	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	No	Y	N	N	N	M	28	1	
389	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
390	Western Red Cedar (Thuja plicata)	8	0	3	10	No	Y	N	N	N	M	16	3	
391	Western Red Cedar (Thuja plicata)	9	0	3	8	Yes	Y	N	N	N	M	18	-	
392	Bigleaf Maple (Acer macrophyllum)	14	2	3	18	No	Y	N	N	N	M	28	1	
393	Douglas Fir (Pseudotsuga menziesii)	35	4	3	46	No	Y	N	N	N	M	70	1	
394	Bigleaf Maple (Acer macrophyllum)	27	0	3	17	No	Y	N	N	N	M	54	3	
395	Bigleaf Maple (Acer macrophyllum)	9	0	3	12	No	Y	N	N	N	M	18	3	
396	Bigleaf Maple (Acer macrophyllum)	14	3	3	13	No	Y	N	N	N	M	28	1	
397	Bigleaf Maple (Acer macrophyllum)	22	3	3	13	No	Y	N	N	N	M	44	1	
398	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	No	Y	N	N	N	M	20	1	
399	Bigleaf Maple (Acer macrophyllum)	7	3	3	9	No	Y	N	N	N	M	14	1	
400	Douglas Fir (Pseudotsuga menziesii)	33	4	3	43	No	Y	N	N	N	M	66	1	Top @60'
401	Douglas Fir (Pseudotsuga menziesii)	10	4	3	13	No	Y	N	N	N	M	20	1	Top @ 60'
402	Bigleaf Maple (Acer macrophyllum)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
403	Bigleaf Maple (Acer macrophyllum)	42	3	3	23	Yes	Y	N	N	N	M	84	-	
404	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	No	Y	N	N	N	M	16	2	

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405	Bigleaf Maple (Acer macrophyllum)	30	3	3	18	No	Y	N	N	N	M	60	1	
406	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	No	Y	N	N	N	M	12	1	
407	Douglas Fir (Pseudotsuga menziesii)	14	4	3	18	No	Y	N	N	N	M	28	2	
408	Bigleaf Maple (Acer macrophyllum)	19	3	3	25	No	Y	N	N	N	M	38	2	
409	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
410	Douglas Fir (Pseudotsuga menziesii)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
411	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
412	Hemlock (Tsuga heterophylla)	29	4	3	33	Yes	Y	N	N	N	M	58	-	
413	Douglas Fir (Pseudotsuga menziesii)	28	4	3	36	No	Y	N	N	N	M	56	2	Top @ 60'
414	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
415	Bigleaf Maple (Acer macrophyllum)	26	3	3	23	Yes	Y	N	N	N	M	52	-	
416	Bigleaf Maple (Acer macrophyllum)	21	3	3	16	Yes	Y	N	N	N	M	42	-	
417	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
418	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
419	Douglas Fir (Pseudotsuga menziesii)	7	4	3	9	Yes	Y	N	N	N	M	14	-	
420	Douglas Fir (Pseudotsuga menziesii)	21	4	3	27	No	Y	N	N	N	M	42	1	Top @ 60'
421	Douglas Fir (Pseudotsuga menziesii)	26	4	3	34	No	Y	N	N	N	M	52	1	Top @ 60'
422	Douglas Fir (Pseudotsuga menziesii)	18	3	3	23	No	Y	N	N	N	M	36	2	Top @ 60'
423	Douglas Fir (Pseudotsuga menziesii)	19	4	3	25	No	Y	N	N	N	M	38	1	Top @ 60'
424	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
425	Bigleaf Maple (Acer macrophyllum)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
426	Douglas Fir (Pseudotsuga menziesii)	32	4	3	42	No	Y	N	N	N	M	64	1	
427	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
428	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
429	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
430	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	No	Y	N	N	N	M	12	1	
431	Bigleaf Maple (Acer macrophyllum)	19	3	3	20	No	Y	N	N	N	M	38	1	
432	Bigleaf Maple (Acer macrophyllum)	37	3	3	25	No	Y	N	N	N	M	74	1	
433	Bigleaf Maple (Acer macrophyllum)	9	3	3	8	No	Y	N	N	N	M	18	1	
434	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	1	
435	Douglas Fir (Pseudotsuga menziesii)	29	3	3	38	No	Y	N	N	N	M	58	1	
436	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
437	Bigleaf Maple (Acer macrophyllum)	20	3	3	26	No	Y	N	N	N	M	40	1	
438	Douglas Fir (Pseudotsuga menziesii)	22	4	3	29	No	Y	N	N	N	M	44	1	
439	Bigleaf Maple (Acer macrophyllum)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
440	Douglas Fir (Pseudotsuga menziesii)	22	4	3	29	No	Y	N	N	N	M	44	1	Top @ 60'
441	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	Top @ 60'
442	Douglas Fir (Pseudotsuga menziesii)	34	4	3	44	No	Y	N	N	N	M	68	1	Top @ 60'
443	Douglas Fir (Pseudotsuga menziesii)	30	4	3	39	No	Y	N	N	N	M	60	1	Top @ 60'
444	Bigleaf Maple (Acer macrophyllum)	20	4	3	20	Yes	Y	N	N	N	M	40	-	
445	Douglas Fir (Pseudotsuga menziesii)	42	4	3	55	Yes	Y	N	N	N	M	84	-	
446	Bigleaf Maple (Acer macrophyllum)	23	3	3	21	Yes	Y	N	N	N	M	46	-	
447	Bigleaf Maple (Acer macrophyllum)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
448	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
449	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
450	Bigleaf Maple (Acer macrophyllum)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
451	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
452	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
453	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	

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454	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	Yes	Y	N	N	N	M	30	-	
455	Bigleaf Maple (Acer macrophyllum)	10	0	3	13	Yes	Y	N	N	N	M	20	-	
456	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
457	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
458	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	Yes	Y	N	N	N	M	44	-	
460	Bigleaf Maple (Acer macrophyllum)	31	3	3	31	Yes	Y	N	N	N	M	62	-	
461	Bigleaf Maple (Acer macrophyllum)	19	3	3	25	Yes	Y	N	N	N	M	38	-	
462	Bigleaf Maple (Acer macrophyllum)	20	3	3	26	Yes	Y	N	N	N	M	40	-	
463	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
464	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
465	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	
466	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
467	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
468	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
469	Bigleaf Maple (Acer macrophyllum)	24	3	3	18	Yes	Y	N	N	N	M	48	-	
470	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	No	Y	N	N	N	M	60	1	Top @ 60'
471	Douglas Fir (Pseudotsuga menziesii)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
472	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
473	Douglas Fir (Pseudotsuga menziesii)	40	3	3	47	No	Y	N	N	N	M	80	1	Top @ 60'
474	Western Red Cedar (Thuja plicata)	37	3	3	48	Yes	Y	N	N	N	M	74	-	
475	Sweet Cherry (Prunus avium)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
476	Sweet Cherry (Prunus avium)	12	3	3	16	Yes	Y	N	N	Y	M	24	-	
477	Sweet Cherry (Prunus avium)	9	3	3	12	Yes	Y	N	N	Y	M	18	-	
478	Douglas Fir (Pseudotsuga menziesii)	17	3	3	22	No	Y	N	N	N	M	34	1	
479	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	1	
480	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	Top @ 60'
481	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	1	
482	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
483	Bigleaf Maple (Acer macrophyllum)	28	3	3	21	Yes	Y	N	N	N	M	56	-	
484	Bigleaf Maple (Acer macrophyllum)	24	3	3	18	No	Y	N	N	N	M	48	1	
485	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
486	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
487	Sweet Cherry (Prunus avium)	14	0	3	18	Yes	Y	N	N	Y	M	28	-	
488	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
489	Bigleaf Maple (Acer macrophyllum)	9	0	3	12	Yes	Y	N	N	N	M	18	-	
490	Douglas Fir (Pseudotsuga menziesii)	34	3	3	44	No	Y	N	N	N	M	68	2	
491	Douglas Fir (Pseudotsuga menziesii)	32	3	3	42	No	Y	N	N	N	M	64	2	
492	Douglas Fir (Pseudotsuga menziesii)	36	3	3	47	No	Y	N	N	N	M	72	2	
493	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	1	
494	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
495	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	1	
496	Douglas Fir (Pseudotsuga menziesii)	20	3	3	26	No	Y	N	N	N	M	40	1	
497	Bigleaf Maple (Acer macrophyllum)	17	2	3	22	No	Y	N	N	N	M	34	2	
498	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	No	Y	N	N	N	M	14	2	
499	Bigleaf Maple (Acer macrophyllum)	12	2	3	16	Yes	Y	N	N	N	M	24	-	
500	Bigleaf Maple (Acer macrophyllum)	30	3	3	23	Yes	Y	N	N	N	M	60	-	
501	Bigleaf Maple (Acer macrophyllum)	18	3	3	16	Yes	Y	N	N	N	M	36	-	
502	Bigleaf Maple (Acer macrophyllum)	21	3	3	20	Yes	Y	N	N	N	M	42	-	
503	Western Red Cedar (Thuja plicata)	24	3	3	31	Yes	Y	N	N	N	M	48	-	

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
504	Bigleaf Maple (Acer macrophyllum)	12	0	3	16	No	Y	N	N	N	M	24	3	
505	Douglas Fir (Pseudotsuga menziesii)	53	3	3	69	No	Y	N	N	N	M	106	2	
506	Bigleaf Maple (Acer macrophyllum)	24	3	3	17	No	Y	N	N	N	M	48	2	
507	Bigleaf Maple (Acer macrophyllum)	7	3	3	9	No	Y	N	N	N	M	14	2	
508	Douglas Fir (Pseudotsuga menziesii)	15	0	3	20	No	Y	N	N	N	M	30	3	
509	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	2	
510	Bigleaf Maple (Acer macrophyllum)	16	3	3	21	No	Y	N	N	N	M	32	2	
511	Bigleaf Maple (Acer macrophyllum)	23	3	3	18	No	Y	N	N	N	M	46	2	
512	Grand Fir (Abies grandis)	11	3	3	14	No	Y	N	N	N	M	22	2	
513	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	2	
514	Bigleaf Maple (Acer macrophyllum)	14	3	3	18	No	Y	N	N	N	M	28	2	
515	Western Red Cedar (Thuja plicata)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
516	Western Red Cedar (Thuja plicata)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
517	Bigleaf Maple (Acer macrophyllum)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
518	Bigleaf Maple (Acer macrophyllum)	9	3	3	12	No	Y	N	N	N	M	18	1	
519	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	1	
520	Unknown	12	3	3	16	No	Y	N	N	N	M	24	1	
521	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	No	Y	N	N	N	M	36	1	
522	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
523	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	1	
524	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	1	
525	Douglas Fir (Pseudotsuga menziesii)	9	1	3	12	No	Y	N	N	N	M	18	1	
526	Douglas Fir (Pseudotsuga menziesii)	9	1	3	12	No	Y	N	N	N	M	18	1	
527	Bigleaf Maple (Acer macrophyllum)	9	1	3	12	No	Y	N	N	N	M	18	1	
528	Bigleaf Maple (Acer macrophyllum)	15	1	3	13	No	Y	N	N	N	M	30	1	
529	Douglas Fir (Pseudotsuga menziesii)	13	1	3	17	No	Y	N	N	N	M	26	1	
530	Douglas Fir (Pseudotsuga menziesii)	22	4	3	29	No	Y	N	N	N	M	44	1	
531	Douglas Fir (Pseudotsuga menziesii)	8	1	3	10	No	Y	N	N	N	M	16	1	
532	Western Red Cedar (Thuja plicata)	9	0	3	12	Yes	Y	N	N	N	M	18	-	
533	Bigleaf Maple (Acer macrophyllum)	12	3	3	16	No	Y	N	N	N	M	24	1	
534	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
535	Scouller Willow (Salix scouleriana)	12	2	3	16	No	Y	N	N	N	M	24	1	
536	Red Alder (Alnus rubrum)	19	2	3	25	Yes	Y	N	N	N	M	38	-	
537	Bigleaf Maple (Acer macrophyllum)	25	3	3	22	Yes	Y	N	N	N	M	50	-	
538	Bigleaf Maple (Acer macrophyllum)	42	3	3	31	Yes	Y	N	N	N	M	84	-	
539	Douglas Fir (Pseudotsuga menziesii)	26	3	3	34	Yes	Y	N	N	N	M	52	-	
540	Douglas Fir (Pseudotsuga menziesii)	20	1	3	26	Yes	Y	N	N	N	M	40	-	
541	Douglas Fir (Pseudotsuga menziesii)	35	2	3	46	Yes	Y	N	N	N	M	70	-	
542	Douglas Fir (Pseudotsuga menziesii)	20	4	3	26	Yes	Y	N	N	N	M	40	-	
543	Douglas Fir (Pseudotsuga menziesii)	30	4	3	39	Yes	Y	N	N	N	M	60	-	
544	Red Alder (Alnus rubrum)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
545	Scouller Willow (Salix scouleriana)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
546	Red Alder (Alnus rubrum)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
547	Bigleaf Maple (Acer macrophyllum)	25	3	3	23	Yes	Y	N	N	N	M	50	-	
548	Scouller Willow (Salix scouleriana)	28	3	3	36	Yes	Y	N	N	N	M	56	-	
549	Douglas Fir (Pseudotsuga menziesii)	14	4	3	18	Yes	Y	N	N	N	M	28	-	
550	Douglas Fir (Pseudotsuga menziesii)	12	4	3	16	Yes	Y	N	N	N	M	24	-	
551	Douglas Fir (Pseudotsuga menziesii)	30	4	3	39	Yes	Y	N	N	N	M	60	-	
552	Douglas Fir (Pseudotsuga menziesii)	24	4	3	31	Yes	Y	N	N	N	M	48	-	

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553	Hemlock (Tsuga heterophylla)	22	4	3	29	Yes	Y	N	N	N	M	44	-	
554	Bigleaf Maple (Acer macrophyllum)	18	3	3	23	Yes	Y	N	N	N	M	36	-	
555	Bigleaf Maple (Acer macrophyllum)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
556	Douglas Fir (Pseudotsuga menziesii)	28	3	3	36	No	Y	N	N	N	M	56	1	
557	Bigleaf Maple (Acer macrophyllum)	46	3	3	40	Yes	Y	N	N	N	M	92	2	
558	Douglas Fir (Pseudotsuga menziesii)	27	3	3	35	No	Y	N	N	N	M	54	1	
559	Douglas Fir (Pseudotsuga menziesii)	25	3	3	33	No	Y	N	N	N	M	50	1	
560	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
561	Bigleaf Maple (Acer macrophyllum)	13	3	3	12	No	Y	N	N	N	M	26	1	
562	Douglas Fir (Pseudotsuga menziesii)	26	3	3	34	No	Y	N	N	N	M	52	1	
563	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	No	Y	N	N	N	M	30	1	
564	Bigleaf Maple (Acer macrophyllum)	23	3	3	20	No	Y	N	N	N	M	46	1	
565	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
566	Douglas Fir (Pseudotsuga menziesii)	18	3	3	23	No	Y	N	N	N	M	36	1	
567	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	2	
568	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	1	
569	Bigleaf Maple (Acer macrophyllum)	23	3	3	20	No	Y	N	N	N	M	46	2	
570	Spruce (Picea spp.)	12	0	3	16	No	Y	N	N	N	M	24	3	
571	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	No	Y	N	N	N	M	30	2	
572	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	No	Y	N	N	N	M	16	1	
573	Bigleaf Maple (Acer macrophyllum)	49	3	3	35	No	Y	N	N	N	M	98	1	
574	Cascara (Frangula purshiana)	7	3	3	9	No	Y	N	N	N	M	14	1	
575	Sweet Cherry (Prunus avium)	7	3	3	9	No	Y	N	N	Y	M	14	1	
576	Sweet Cherry (Prunus avium)	10	3	3	13	No	Y	N	N	Y	M	20	1	
578	Bigleaf Maple (Acer macrophyllum)	20	3	3	17	No	Y	N	N	N	M	40	1	
579	Red Alder (Alnus rubrum)	10	3	3	13	No	Y	N	N	N	M	20	1	
580	Douglas Fir (Pseudotsuga menziesii)	9	2	3	12	No	Y	N	N	N	M	18	1	
581	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	1	
582	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	No	Y	N	N	N	M	44	1	
583	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	1	
584	Western Red Cedar (Thuja plicata)	12	3	3	16	No	Y	N	N	N	M	24	1	
585	Unknown	18	3	3	23	No	Y	N	N	N	M	36	1	
586	Red Alder (Alnus rubrum)	14	3	3	18	No	Y	N	N	N	M	28	1	
587	Red Alder (Alnus rubrum)	15	3	3	20	No	Y	N	N	N	M	30	1	
588	Red Alder (Alnus rubrum)	17	3	3	22	No	Y	N	N	N	M	34	1	
589	Bigleaf Maple (Acer macrophyllum)	22	3	3	29	No	Y	N	N	N	M	44	1	
590	Red Alder (Alnus rubrum)	10	3	3	13	No	Y	N	N	N	M	20	1	
591	Red Alder (Alnus rubrum)	20	3	3	17	No	Y	N	N	N	M	40	1	
592	Bigleaf Maple (Acer macrophyllum)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
593	Red Alder (Alnus rubrum)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
594	Red Alder (Alnus rubrum)	15	1	3	20	Yes	Y	N	N	N	M	30	-	
595	Red Alder (Alnus rubrum)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
596	Red Alder (Alnus rubrum)	14	3	3	18	No	Y	N	N	N	M	28	2	
597	Bigleaf Maple (Acer macrophyllum)	38	3	3	27	No	Y	N	N	N	M	76	1	
598	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
599	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
600	Bigleaf Maple (Acer macrophyllum)	47	3	3	25	No	Y	N	N	N	M	94	1	
601	Bigleaf Maple (Acer macrophyllum)	15	2	3	20	No	Y	N	N	N	M	30	1	
602	Bigleaf Maple (Acer macrophyllum)	28	2	3	22	No	Y	N	N	N	M	56	1	

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603	Douglas Fir (Pseudotsuga menziesii)	10	2	3	13	No	Y	N	N	N	M	20	1	
604	Bigleaf Maple (Acer macrophyllum)	36	3	3	21	No	Y	N	N	N	M	72	1	
605	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	No	Y	N	N	N	M	14	1	
606	Douglas Fir (Pseudotsuga menziesii)	26	3	3	34	No	Y	N	N	N	M	52	1	
607	Bigleaf Maple (Acer macrophyllum)	16	3	3	17	No	Y	N	N	N	M	32	1	
608	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	No	Y	N	N	N	M	18	1	
609	Bigleaf Maple (Acer macrophyllum)	34	3	3	29	No	Y	N	N	N	M	68	1	
610	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	No	Y	N	N	N	M	30	1	
611	Bigleaf Maple (Acer macrophyllum)	26	3	3	22	No	Y	N	N	N	M	52	1	
612	Bigleaf Maple (Acer macrophyllum)	17	3	3	22	No	Y	N	N	N	M	34	1	
613	Bigleaf Maple (Acer macrophyllum)	14	0	3	18	No	Y	N	N	N	M	28	3	
614	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	No	Y	N	N	N	M	60	1	
615	Bigleaf Maple (Acer macrophyllum)	38	3	3	35	No	Y	N	N	N	M	76	1	
616	Bigleaf Maple (Acer macrophyllum)	35	3	3	46	No	Y	N	N	N	M	70	1	
617	Bigleaf Maple (Acer macrophyllum)	21	3	3	27	No	Y	N	N	N	M	42	1	
618	Spruce (Picea spp.)	19	0	3	25	No	Y	N	N	N	M	38	3	
619	Bigleaf Maple (Acer macrophyllum)	41	3	3	53	No	Y	N	N	N	M	82	1	
620	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	No	Y	N	N	N	M	26	1	
621	Unknown	15	2	3	20	No	Y	N	N	N	M	30	1	
622	Bigleaf Maple (Acer macrophyllum)	24	3	3	26	No	Y	N	N	N	M	48	1	
623	Red Alder (Alnus rubrum)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
624	Red Alder (Alnus rubrum)	24	4	3	27	Yes	Y	N	N	N	M	48	-	
625	Douglas Fir (Pseudotsuga menziesii)	19	4	3	25	Yes	Y	N	N	N	M	38	-	
626	Douglas Fir (Pseudotsuga menziesii)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
627	Douglas Fir (Pseudotsuga menziesii)	15	2	3	20	Yes	Y	N	N	N	M	30	-	
628	Bigleaf Maple (Acer macrophyllum)	26	2	3	27	Yes	Y	N	N	N	M	52	-	
629	Red Alder (Alnus rubrum)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
630	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	Yes	Y	N	N	N	M	44	-	
631	Red Alder (Alnus rubrum)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
632	Western Red Cedar (Thuja plicata)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
633	Red Alder (Alnus rubrum)	12	0	3	16	No	Y	N	N	N	M	24	3	
634	Red Alder (Alnus rubrum)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
635	Red Alder (Alnus rubrum)	16	3	3	14	Yes	Y	N	N	N	M	32	-	
636	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	No	Y	N	N	N	M	48	2	
637	Douglas Fir (Pseudotsuga menziesii)	23	3	3	30	No	Y	N	N	N	M	46	2	
638	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	No	Y	N	N	N	M	20	2	
639	Douglas Fir (Pseudotsuga menziesii)	17	0	3	22	No	Y	N	N	N	M	34	3	
640	Bigleaf Maple (Acer macrophyllum)	9	2	3	12	No	Y	N	N	N	M	18	1	Girdled
641	Bigleaf Maple (Acer macrophyllum)	9	2	3	12	No	Y	N	N	N	M	18	1	
642	Bigleaf Maple (Acer macrophyllum)	8	2	3	10	No	Y	N	N	N	M	16	1	
643	Bigleaf Maple (Acer macrophyllum)	10	2	3	13	No	Y	N	N	N	M	20	1	
644	Douglas Fir (Pseudotsuga menziesii)	20	0	3	26	No	Y	N	N	N	M	40	3	Girdled
645	Douglas Fir (Pseudotsuga menziesii)	21	0	3	27	No	Y	N	N	N	M	42	3	Girdled
646	Douglas Fir (Pseudotsuga menziesii)	20	3	3	23	Yes	Y	N	N	N	M	40	-	
647	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
648	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
649	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	
650	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
651	Douglas Fir (Pseudotsuga menziesii)	29	3	3	38	Yes	Y	N	N	N	M	58	-	

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652	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
653	Bigleaf Maple (Acer macrophyllum)	20	3	3	16	Yes	Y	N	N	N	M	40	-	
654	Douglas Fir (Pseudotsuga menziesii)	30	3	3	39	Yes	Y	N	N	N	M	60	-	
655	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
656	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	Yes	Y	N	N	N	M	30	-	
657	Sweet Cherry (Prunus avium)	8	3	3	10	Yes	Y	N	N	Y	M	16	-	
658	Sweet Cherry (Prunus avium)	7	3	3	9	Yes	Y	N	N	Y	M	14	-	
659	Sweet Cherry (Prunus avium)	8	3	3	10	Yes	Y	N	N	Y	M	16	-	
660	Douglas Fir (Pseudotsuga menziesii)	24	3	3	31	Yes	Y	N	N	N	M	48	-	
661	Douglas Fir (Pseudotsuga menziesii)	37	3	3	48	Yes	Y	N	N	N	M	74	-	
662	Bigleaf Maple (Acer macrophyllum)	21	3	3	27	Yes	Y	N	N	N	M	42	-	
663	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
664	Douglas Fir (Pseudotsuga menziesii)	17	3	3	22	Yes	Y	N	N	N	M	34	-	
665	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	Yes	Y	N	N	N	M	30	-	
666	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	Yes	Y	N	N	N	M	14	-	
667	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
668	Bigleaf Maple (Acer macrophyllum)	32	2	3	23	Yes	Y	N	N	N	M	64	-	
669	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
670	Bigleaf Maple (Acer macrophyllum)	32	3	3	26	Yes	Y	N	N	N	M	64	-	
671	Bigleaf Maple (Acer macrophyllum)	12	3	3	12	Yes	Y	N	N	N	M	24	-	
672	Douglas Fir (Pseudotsuga menziesii)	23	4	3	30	Yes	Y	N	N	N	M	46	-	
673	Douglas Fir (Pseudotsuga menziesii)	26	4	3	34	Yes	Y	N	N	N	M	52	-	
674	Douglas Fir (Pseudotsuga menziesii)	28	4	3	34	Yes	Y	N	N	N	M	56	-	
675	Douglas Fir (Pseudotsuga menziesii)	15	3	3	20	Yes	Y	N	N	N	M	30	-	
676	Douglas Fir (Pseudotsuga menziesii)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
677	Douglas Fir (Pseudotsuga menziesii)	23	3	3	30	Yes	Y	N	N	N	M	46	-	
678	Douglas Fir (Pseudotsuga menziesii)	11	2	3	14	Yes	Y	N	N	N	M	22	-	
679	Douglas Fir (Pseudotsuga menziesii)	21	3	3	27	Yes	Y	N	N	N	M	42	-	
680	Douglas Fir (Pseudotsuga menziesii)	9	3	3	12	Yes	Y	N	N	N	M	18	-	
681	Red Alder (Alnus rubrum)	19	3	3	25	Yes	Y	N	N	N	M	38	-	
682	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
683	Douglas Fir (Pseudotsuga menziesii)	10	3	3	13	Yes	Y	N	N	N	M	20	-	
684	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	Yes	Y	N	N	N	M	22	-	
685	Douglas Fir (Pseudotsuga menziesii)	25	4	3	33	Yes	Y	N	N	N	M	50	-	
686	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	Yes	Y	N	N	N	M	24	-	
687	Douglas Fir (Pseudotsuga menziesii)	13	3	3	17	Yes	Y	N	N	N	M	26	-	
688	Douglas Fir (Pseudotsuga menziesii)	40	4	3	52	Yes	Y	N	N	N	M	80	-	
689	Red Alder (Alnus rubrum)	9	3	3	12	No	Y	N	N	N	M	18	2	
690	Sweet Cherry (Prunus avium)	7	2	3	9	No	Y	N	N	Y	M	14	2	
691	Bigleaf Maple (Acer macrophyllum)	18	3	3	10	No	Y	N	N	N	M	36	2	
692	Douglas Fir (Pseudotsuga menziesii)	12	3	3	16	No	Y	N	N	N	M	24	2	
693	Douglas Fir (Pseudotsuga menziesii)	22	3	3	29	Yes	Y	N	N	N	M	44	-	
694	Douglas Fir (Pseudotsuga menziesii)	24	0	3	31	No	Y	N	N	N	M	48	3	
695	Douglas Fir (Pseudotsuga menziesii)	16	3	3	21	Yes	Y	N	N	N	M	32	-	
696	Douglas Fir (Pseudotsuga menziesii)	24	0	3	31	Yes	Y	N	N	N	M	48	-	
697	Douglas Fir (Pseudotsuga menziesii)	31	4	3	40	Yes	Y	N	N	N	M	62	-	
698	Bigleaf Maple (Acer macrophyllum)	13	3	3	17	No	Y	N	N	N	M	26	2	
699	Bigleaf Maple (Acer macrophyllum)	14	4	4	24	Yes	Y	N	N	N	M	28	-	
700	Douglas Fir (Pseudotsuga menziesii)	12	D	2	15	Yes	Y	N	N	N	M	24	-	

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
701	Oregon White Oak (Quercus garryana)	21	4	4	26	Yes	Y	N	N	N	M	42	-	
702	Oregon White Oak (Quercus garryana)	19	3	4	24	Yes	Y	N	N	N	M	38	-	
703	Oregon White Oak (Quercus garryana)	14	3	3	18	Yes	Y	N	N	N	M	28	-	
704	Oregon White Oak (Quercus garryana)	8	3	3	10	Yes	Y	N	N	N	M	16	-	
705	Oregon White Oak (Quercus garryana)	21	4	3	26	Yes	Y	N	N	N	M	42	-	
706	Oregon White Oak (Quercus garryana)	29	4	4	36	Yes	Y	N	N	N	M	58	-	
707	Douglas Fir (Pseudotsuga menziesii)	21	3	3	26	Yes	Y	N	N	N	M	42	-	
708	Douglas Fir (Pseudotsuga menziesii)	18	3	3	22	Yes	Y	N	N	N	M	36	-	
709	Douglas Fir (Pseudotsuga menziesii)	23	4	3	29	Yes	Y	N	N	N	M	46	-	
710	Bigleaf Maple (Acer macrophyllum)	13	0	1	16	Yes	Y	N	N	N	M	26	-	
711	Douglas Fir (Pseudotsuga menziesii)	28	0	1	35	Yes	Y	N	N	N	M	56	-	
712	Western Red Cedar (Thuja plicata)	10	0	1	13	Yes	Y	N	N	N	M	20	-	
713	Western Red Cedar (Thuja plicata)	12	0	1	15	Yes	Y	N	N	N	M	24	-	
714	Douglas Fir (Pseudotsuga menziesii)	34	3	3	42	Yes	Y	N	N	N	M	68	-	
715	Bigleaf Maple (Acer macrophyllum)	12	3	3	15	Yes	Y	N	N	N	M	24	-	
716	Common Hazel (Corylus avellana)	18	4	3	22	Yes	Y	N	N	N	M	36	-	
717	Common Hazel (Corylus avellana)	20	4	3	15	Yes	Y	N	N	N	M	40	-	
718	Common Hazel (Corylus avellana)	12	4	3	12	Yes	Y	N	N	N	M	24	-	
719	Bigleaf Maple (Acer macrophyllum)	12	3	3	12	Yes	Y	N	N	N	M	24	-	
720	Common Hazel (Corylus avellana)	25	4	3	12	Yes	Y	N	N	N	M	50	-	
721	Bigleaf Maple (Acer macrophyllum)	12	3	3	15	Yes	Y	N	N	N	M	24	-	
722	Cascara (Frangula purshiana)	6	4	3	7.5	Yes	Y	N	N	N	M	12	-	
723	Scouler Willow (Salix scouleriana)	10	3	3	12.5	Yes	Y	N	N	N	M	20	-	
724	Bigleaf Maple (Acer macrophyllum)	14	3	3	17.5	Yes	Y	N	N	N	M	28	-	
725	Scouler Willow (Salix scouleriana)	20	4	3	25	Yes	Y	N	N	N	M	40	-	
726	Scouler Willow (Salix scouleriana)	10	3	3	12.5	Yes	Y	N	N	N	M	20	-	
727	Common Hazel (Corylus avellana)	24	3	3	18	Yes	Y	N	N	N	M	48	-	
728	Common Hazel (Corylus avellana)	17	3	3	15	Yes	Y	N	N	N	M	34	-	
729	Oregon White Oak (Quercus garryana)	24	4	3	30	Yes	Y	N	N	N	M	48	-	
730	Sweet Cherry (Prunus avium)	8	3	3	10	Yes	Y	N	N	Y	M	16	-	
731	Sweet Cherry (Prunus avium)	10	3	3	13	Yes	Y	N	N	Y	M	20	-	
732	Oregon White Oak (Quercus garryana)	18	4	3	23	Yes	Y	N	N	N	M	36	-	
733	Common Hazel (Corylus avellana)	12	4	3	15	Yes	Y	N	N	N	M	24	-	
734	Common Hazel (Corylus avellana)	12	4	3	15	Yes	Y	N	N	N	M	24	-	
735	Cascara (Frangula purshiana)	15	4	3	18	Yes	Y	N	N	N	M	30	-	
736	Oregon White Oak (Quercus garryana)	12	3	3	15	Yes	Y	N	N	N	M	24	-	
737	Oregon White Oak (Quercus garryana)	34	4	3	42	Yes	Y	N	N	N	M	68	-	
738	Douglas Fir (Pseudotsuga menziesii)	11	3	3	14	No	Y	N	N	N	M	22	1	
740	Common Hazel (Corylus avellana)	12	4	3	15	No	Y	N	N	N	M	24	1	
742	Douglas Fir (Pseudotsuga menziesii)	6	0	1	8	No	Y	N	N	N	M	12	3	
743	Bigleaf Maple (Acer macrophyllum)	7	3	3	9	No	Y	N	N	N	M	14	1	
744	Douglas Fir (Pseudotsuga menziesii)	7	3	3	9	No	Y	N	N	N	M	14	1	
745	Common Hazel (Corylus avellana)	14	3	3	18	No	Y	N	N	N	M	28	1	
746	Bigleaf Maple (Acer macrophyllum)	21	3	3	27	Yes	Y	N	N	N	M	42	-	
747	Red Alder (Alnus rubrum)	10	0	1	13	Yes	Y	N	N	N	M	20	-	
748	Pacific Dogwood (Cornus nuttallii)	7	4	3	9	Yes	Y	N	N	N	M	14	-	
749	Bigleaf Maple (Acer macrophyllum)	40	3	3	50	Yes	Y	N	N	N	M	80	-	
751	Pacific Yew (Taxus brevifolia)	6	4	3	8	Yes	Y	N	N	N	M	12	-	
752	Common Hazel (Corylus avellana)	9	3	3	12	Yes	Y	N	N	N	M	18	-	

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753	Sweet Cherry (Prunus avium)	6	3	3	8	Yes	Y	N	N	Y	M	12	-	
754	Common Hazel (Corylus avellana)	10	4	3	10	Yes	Y	N	N	N	M	20	-	
755	Common Hazel (Corylus avellana)	10	4	3	10	Yes	Y	N	N	N	M	20	-	
756	Common Hazel (Corylus avellana)	10	4	3	10	No	Y	N	N	N	M	20	2	
757	Common Hazel (Corylus avellana)	9	4	3	10	No	Y	N	N	N	M	18	2	
758	Common Hazel (Corylus avellana)	12	4	3	10	No	Y	N	N	N	M	24	2	
759	Sweet Cherry (Prunus avium)	6	0	1	8	No	Y	N	N	Y	M	12	3	
760	Scouller Willow (Salix scouleriana)	6	3	3	8	No	Y	N	N	N	M	12	2	
761	Bigleaf Maple (Acer macrophyllum)	6	4	3	8	No	Y	N	N	N	M	12	2	
762	Western Red Cedar (Thuja plicata)	7	3	3	9	No	Y	N	N	N	M	14	2	
765	Common Hazel (Corylus avellana)	10	3	3	10	Yes	Y	N	N	N	M	20	-	
766	Common Hazel (Corylus avellana)	7	3	3	9	No	Y	N	N	N	M	14	-	
767	Red Alder (Alnus rubrum)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
768	Cascara (Frangula purshiana)	6	4	3	8	Yes	Y	N	N	N	M	12	-	
769	Common Hazel (Corylus avellana)	10	3	3	10	Yes	Y	N	N	N	M	20	-	
770	Scouller Willow (Salix scouleriana)	8	4	3	10	Yes	Y	N	N	N	M	16	-	
771	Scouller Willow (Salix scouleriana)	7	4	3	9	Yes	Y	N	N	N	M	14	-	
772	Grand Fir (Abies grandis)	6	3	3	8	Yes	Y	N	N	N	M	12	-	
773	Common Hazel (Corylus avellana)	10	4	3	10	Yes	Y	N	N	N	M	20	-	
774	Sweet Cherry (Prunus avium)	6	3	3	8	Yes	Y	N	N	Y	M	12	-	
901	Bigleaf Maple (Acer macrophyllum)	14	3	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
902	Bigleaf Maple (Acer macrophyllum)	14	3	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
903	Red Alder (Alnus rubrum)	14	2	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
904	Bigleaf Maple (Acer macrophyllum)	24	3	2	25	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
905	Bigleaf Maple (Acer macrophyllum)	24	3	3	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
906	Bigleaf Maple (Acer macrophyllum)	13	3	2	15	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
908	Bigleaf Maple (Acer macrophyllum)	25	3	3	25	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
909	Bigleaf Maple (Acer macrophyllum)	6	0	1		Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
910	Bigleaf Maple (Acer macrophyllum)	8	1	1	3	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
912	Bigleaf Maple (Acer macrophyllum)	15	4	3	15	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
914	Bigleaf Maple (Acer macrophyllum)	6	3	3	10	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
915	Bigleaf Maple (Acer macrophyllum)	65	1	1	25	Yes	N	N	N	N	M	130	-	Skyline Blvd Inventory Area
916	Bigleaf Maple (Acer macrophyllum)	30	3	2	15	Yes	N	N	N	N	M	60	-	Skyline Blvd Inventory Area
917	Bigleaf Maple (Acer macrophyllum)	25	2	1	15	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
918	Bigleaf Maple (Acer macrophyllum)	15	3	3	17	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
919	Bigleaf Maple (Acer macrophyllum)	10	3	3	15	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
920	Unknown	10	0	1		Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
921	Bigleaf Maple (Acer macrophyllum)	9	3	2	8	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
922	Bigleaf Maple (Acer macrophyllum)	32	3	2	25	Yes	N	N	N	N	M	64	-	Skyline Blvd Inventory Area
923	Bigleaf Maple (Acer macrophyllum)	6	2	2	7	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
924	Douglas Fir (Pseudotsuga menziesii)	25	4	3	20	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
925	Douglas Fir (Pseudotsuga menziesii)	22	4	4	20	Yes	N	N	N	N	M	44	-	Skyline Blvd Inventory Area
926	Bigleaf Maple (Acer macrophyllum)	6	3	3	10	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
927	Douglas Fir (Pseudotsuga menziesii)	19	4	3	15	Yes	N	N	N	N	M	38	-	Skyline Blvd Inventory Area
928	Douglas Fir (Pseudotsuga menziesii)	13	4	2	7	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
929	Bigleaf Maple (Acer macrophyllum)	26	3	2	20	Yes	N	N	N	N	M	52	-	Skyline Blvd Inventory Area
930	Bigleaf Maple (Acer macrophyllum)	13	3	2	15	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
932	Bigleaf Maple (Acer macrophyllum)	15	3	3	20	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
933	Bigleaf Maple (Acer macrophyllum)	8	1	1	8	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area

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934	Douglas Fir (Pseudotsuga menziesii)	20	4	2	15	Yes	N	N	N	N	M	40	-	Skyline Blvd Inventory Area
935	Douglas Fir (Pseudotsuga menziesii)	37	4	4	28	Yes	N	N	N	N	M	74	-	Skyline Blvd Inventory Area
936	Bigleaf Maple (Acer macrophyllum)	18	4	3	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
937	Bigleaf Maple (Acer macrophyllum)	9	3	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
940	Bigleaf Maple (Acer macrophyllum)	9	3	2	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
941	Bigleaf Maple (Acer macrophyllum)	11	3	3	15	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
942	Bigleaf Maple (Acer macrophyllum)	10	4	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
943	Bigleaf Maple (Acer macrophyllum)	11	4	3	12	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
944	Bigleaf Maple (Acer macrophyllum)	16	0	1		Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
945	Sweet Cherry (Prunus avium)	8	4	3	10	Yes	N	N	N	Y	M	16	-	Skyline Blvd Inventory Area
947	Bigleaf Maple (Acer macrophyllum)	18	3	2	20	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
948	Bigleaf Maple (Acer macrophyllum)	14	3	2	12	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
949	Bigleaf Maple (Acer macrophyllum)	8	4	2	12	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
950	Douglas Fir (Pseudotsuga menziesii)	33	4	4	25	Yes	N	N	N	N	M	66	-	Skyline Blvd Inventory Area
951	Bigleaf Maple (Acer macrophyllum)	12	0	1	0	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
952	Western Red Cedar (Thuja plicata)	18	4	4	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
953	Bigleaf Maple (Acer macrophyllum)	16	4	3	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
954	Bigleaf Maple (Acer macrophyllum)	14	4	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
955	Bigleaf Maple (Acer macrophyllum)	27	2	2	20	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
956	Bigleaf Maple (Acer macrophyllum)	32	3	3	20	Yes	N	N	N	N	M	64	-	Skyline Blvd Inventory Area
957	Western Red Cedar (Thuja plicata)	32	3	2	15	Yes	N	N	N	N	M	64	-	Skyline Blvd Inventory Area
958	Western Red Cedar (Thuja plicata)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
959	Red Alder (Alnus rubrum)	12	3	2	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
960	Red Alder (Alnus rubrum)	13	3	2	10	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
961	Red Alder (Alnus rubrum)	24	3	3	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
962	Douglas Fir (Pseudotsuga menziesii)	29	4	4	20	Yes	N	N	N	N	M	58	-	Skyline Blvd Inventory Area
963	Bigleaf Maple (Acer macrophyllum)	25	3	3	25	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
964	Sweet Cherry (Prunus avium)	10	3	3	5	Yes	N	N	N	Y	M	20	-	Skyline Blvd Inventory Area
965	Red Alder (Alnus rubrum)	10	4	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
966	Bigleaf Maple (Acer macrophyllum)	18	4	3	20	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
967	Bigleaf Maple (Acer macrophyllum)	34	3	3	25	Yes	N	N	N	N	M	68	-	Skyline Blvd Inventory Area
968	Douglas Fir (Pseudotsuga menziesii)	24	4	3	20	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
969	Douglas Fir (Pseudotsuga menziesii)	26	4	3	15	Yes	N	N	N	N	M	52	-	Skyline Blvd Inventory Area
970	Bigleaf Maple (Acer macrophyllum)	15	3	2	10	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
971	Bigleaf Maple (Acer macrophyllum)	8	0	1		Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
972	Bigleaf Maple (Acer macrophyllum)	12	3	3	15	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
973	Bigleaf Maple (Acer macrophyllum)	17	3	3	15	Yes	N	N	N	N	M	34	-	Skyline Blvd Inventory Area
974	Bigleaf Maple (Acer macrophyllum)	6	0	1	0	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
975	Bigleaf Maple (Acer macrophyllum)	10	2	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
976	Bigleaf Maple (Acer macrophyllum)	8	4	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
977	Western Red Cedar (Thuja plicata)	8	4	4	4	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
978	Bigleaf Maple (Acer macrophyllum)	9	3	2	8	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
979	Bigleaf Maple (Acer macrophyllum)	8	3	2	8	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
980	Bigleaf Maple (Acer macrophyllum)	11	2	2	8	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
981	English Holly (Ilex aquifolium)	7	4	4	5	Yes	N	N	N	Y	M	14	-	Skyline Blvd Inventory Area
982	Douglas Fir (Pseudotsuga menziesii)	33	4	4	25	Yes	N	N	N	N	M	66	-	Skyline Blvd Inventory Area
983	Bigleaf Maple (Acer macrophyllum)	18	3	3	12	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
984	Bigleaf Maple (Acer macrophyllum)	23	3	2	25	Yes	N	N	N	N	M	46	-	Skyline Blvd Inventory Area
985	Bigleaf Maple (Acer macrophyllum)	6	4	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
986	Bigleaf Maple (Acer macrophyllum)	10	3	3	8	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
987	Bigleaf Maple (Acer macrophyllum)	27	3	3	25	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
988	Western Red Cedar (Thuja plicata)	44	4	4	20	Yes	N	N	N	N	M	88	-	Skyline Blvd Inventory Area
990	Douglas Fir (Pseudotsuga menziesii)	6	0	1		Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
991	Douglas Fir (Pseudotsuga menziesii)	10	0	1		Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
992	Douglas Fir (Pseudotsuga menziesii)	18	3	3	10	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
993	Douglas Fir (Pseudotsuga menziesii)	43	4	4	25	Yes	N	N	N	N	M	86	-	Skyline Blvd Inventory Area
994	Douglas Fir (Pseudotsuga menziesii)	13	3	3	15	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
995	Bigleaf Maple (Acer macrophyllum)	6	0	1		Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
996	Douglas Fir (Pseudotsuga menziesii)	29	3	2	15	Yes	N	N	N	N	M	58	-	Skyline Blvd Inventory Area
997	Douglas Fir (Pseudotsuga menziesii)	12	0	1		Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
998	Bigleaf Maple (Acer macrophyllum)	15	2	2	12	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
999	Douglas Fir (Pseudotsuga menziesii)	12	3	2	7	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
9001	Western Red Cedar (Thuja plicata)	32	3	4	20	Yes	N	N	N	N	M	64	-	Skyline Blvd Inventory Area
9002	Bigleaf Maple (Acer macrophyllum)	12	3	3	20	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
9003	Bigleaf Maple (Acer macrophyllum)	16	3	3	20	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
9005	Bigleaf Maple (Acer macrophyllum)	10	0	1		Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
9006	Western Red Cedar (Thuja plicata)	6	4	2	7	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
9007	Western Red Cedar (Thuja plicata)	37	2	1	10	Yes	N	N	N	N	M	74	-	Skyline Blvd Inventory Area
9008	Bigleaf Maple (Acer macrophyllum)	16	4	3	20	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
9009	Western Red Cedar (Thuja plicata)	31	2	1	8	Yes	N	N	N	N	M	62	-	Skyline Blvd Inventory Area
9010	English Hawthorn (Crataegus monogyna)	8	4	2	5	Yes	N	N	N	Y	M	16	-	Skyline Blvd Inventory Area
9011	Western Red Cedar (Thuja plicata)	10	4	2	6	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
9012	Western Red Cedar (Thuja plicata)	10	4	2	6	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2000	Bigleaf Maple (Acer macrophyllum)	17	4	3	15	Yes	N	N	N	N	M	34	-	Skyline Blvd Inventory Area
2001	Bigleaf Maple (Acer macrophyllum)	14	1	2	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2002	Douglas Fir (Pseudotsuga menziesii)	10	0	3	0	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2004	Bigleaf Maple (Acer macrophyllum)	9	2	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2005	Douglas Fir (Pseudotsuga menziesii)	16	4	3	10	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2006	Bigleaf Maple (Acer macrophyllum)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2007	Bigleaf Maple (Acer macrophyllum)	14	3	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2008	Douglas Fir (Pseudotsuga menziesii)	10	3	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2009	Douglas Fir (Pseudotsuga menziesii)	9	0	2	0	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2010	Douglas Fir (Pseudotsuga menziesii)	10	0	1	0	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2012	Western Red Cedar (Thuja plicata)	6	4	4	10	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2013	Bigleaf Maple (Acer macrophyllum)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2015	Bigleaf Maple (Acer macrophyllum)	27	3	3	20	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2016	Bigleaf Maple (Acer macrophyllum)	22	3	3	25	Yes	N	N	N	N	M	44	-	Skyline Blvd Inventory Area
2017	Douglas Fir (Pseudotsuga menziesii)	15	0	3	0	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
2018	Douglas Fir (Pseudotsuga menziesii)	19	4	3	15	Yes	N	N	N	N	M	38	-	Skyline Blvd Inventory Area
2019	Douglas Fir (Pseudotsuga menziesii)	25	4	4	15	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
2020	Bigleaf Maple (Acer macrophyllum)	14	3	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2021	Bigleaf Maple (Acer macrophyllum)	27	3	3	20	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2022	Bigleaf Maple (Acer macrophyllum)	8	3	2	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2023	Douglas Fir (Pseudotsuga menziesii)	7	3	3	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2024	Douglas Fir (Pseudotsuga menziesii)	8	3	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2025	Douglas Fir (Pseudotsuga menziesii)	6	3	3	10	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2026	Bigleaf Maple (Acer macrophyllum)	15	3	2	15	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
2027	Black Walnut (Juglans nigra)	18	4	3	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
2028	Red Alder (Alnus rubrum)	15	4	3	10	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
2029	Red Alder (Alnus rubrum)	17	3	3	15	Yes	N	N	N	N	M	34	-	Skyline Blvd Inventory Area
2030	Red Alder (Alnus rubrum)	21	3	3	15	Yes	N	N	N	N	M	42	-	Skyline Blvd Inventory Area
2031	Bigleaf Maple (Acer macrophyllum)	27	4	3	20	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2032	Red Alder (Alnus rubrum)	20	4	3	20	Yes	N	N	N	N	M	40	-	Skyline Blvd Inventory Area
2033	Red Alder (Alnus rubrum)	18	0	3	0	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
2034	Red Alder (Alnus rubrum)	12	3	2	5	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2035	Red Alder (Alnus rubrum)	16	3	2	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2036	Red Alder (Alnus rubrum)	15	4	3	10	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
2037	Bigleaf Maple (Acer macrophyllum)	28	2	2	20	Yes	N	N	N	N	M	56	-	Skyline Blvd Inventory Area
2038	Red Alder (Alnus rubrum)	18	3	3	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
2100	Bigleaf Maple (Acer macrophyllum)	18	3	3	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
2101	Red Alder (Alnus rubrum)	11	3	3	15	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2103	Red Alder (Alnus rubrum)	16	4	4	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2104	Red Alder (Alnus rubrum)	11	3	3	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2105	Douglas Fir (Pseudotsuga menziesii)	30	4	4	25	Yes	N	N	N	N	M	60	-	Skyline Blvd Inventory Area
2106	Douglas Fir (Pseudotsuga menziesii)	14	4	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2107	Bigleaf Maple (Acer macrophyllum)	27	4	3	25	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2108	Bigleaf Maple (Acer macrophyllum)	15	4	3	10	Yes	N	N	N	N	M	30	-	Skyline Blvd Inventory Area
2109	Bigleaf Maple (Acer macrophyllum)	7	3	2	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2110	Bigleaf Maple (Acer macrophyllum)	7	4	3	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2111	Douglas Fir (Pseudotsuga menziesii)	22	4	3	15	Yes	N	N	N	N	M	44	-	Skyline Blvd Inventory Area
2112	Pacific Dogwood (Cornus nuttallii)	6	4	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2113	Douglas Fir (Pseudotsuga menziesii)	27	4	4	15	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2114	Sweet Cherry (Prunus avium)	10	4	4	10	Yes	N	N	N	Y	M	20	-	Skyline Blvd Inventory Area
2115	Bigleaf Maple (Acer macrophyllum)	6	4	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2116	Bigleaf Maple (Acer macrophyllum)	14	3	3	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2117	Scouller Willow (Salix scouleriana)	24	3	1	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
2119	Douglas Fir (Pseudotsuga menziesii)	30	4	4	15	Yes	N	N	N	N	M	60	-	Skyline Blvd Inventory Area
2120	Bigleaf Maple (Acer macrophyllum)	14	3	1	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2121	Bigleaf Maple (Acer macrophyllum)	8	3	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2122	Bigleaf Maple (Acer macrophyllum)	10	3	1	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2123	Bigleaf Maple (Acer macrophyllum)	18	4	3	20	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
2124	Scouller Willow (Salix scouleriana)	6	3	2	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2125	Black Cherry (Prunus serotina)	6	2	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2126	Black Cherry (Prunus serotina)	8	0	1	0	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2127	Bigleaf Maple (Acer macrophyllum)	18	3	2	15	Yes	N	N	N	N	M	36	-	Skyline Blvd Inventory Area
2128	Douglas Fir (Pseudotsuga menziesii)	52	4	4	25	Yes	N	N	N	N	M	104	-	Skyline Blvd Inventory Area
2129	Western Red Cedar (Thuja plicata)	17	4	3	15	Yes	N	N	N	N	M	34	-	Skyline Blvd Inventory Area
2130	Western Red Cedar (Thuja plicata)	19	4	4	15	Yes	N	N	N	N	M	38	-	Skyline Blvd Inventory Area
2131	Scouller Willow (Salix scouleriana)	8	3	2	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2200	Douglas Fir (Pseudotsuga menziesii)	34	4	4	15	Yes	N	N	N	N	M	68	-	Skyline Blvd Inventory Area
2201	Douglas Fir (Pseudotsuga menziesii)	34	4	4	15	Yes	N	N	N	N	M	68	-	Skyline Blvd Inventory Area
2202	Douglas Fir (Pseudotsuga menziesii)	24	4	3	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
2203	Douglas Fir (Pseudotsuga menziesii)	22	4	3	15	Yes	N	N	N	N	M	44	-	Skyline Blvd Inventory Area
2204	Sweet Cherry (Prunus avium)	7	3	1	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2205	Douglas Fir (Pseudotsuga menziesii)	26	4	4	15	Yes	N	N	N	N	M	52	-	Skyline Blvd Inventory Area
2206	Scouller Willow (Salix scouleriana)	9	3	2	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2207	Scouller Willow (Salix scouleriana)	6	3	2	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
2208	Sweet Cherry (Prunus avium) (Prunus	9	3	2	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2209	Douglas Fir (Pseudotsuga menziesii)	14	4	3	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2010	Bigleaf Maple (Acer macrophyllum)	10	3	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2211	Douglas Fir (Pseudotsuga menziesii)	7	4	3	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2212	Douglas Fir (Pseudotsuga menziesii)	6	4	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2213	Douglas Fir (Pseudotsuga menziesii)	9	4	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2214	Douglas Fir (Pseudotsuga menziesii)	8	4	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2215	Douglas Fir (Pseudotsuga menziesii)	27	4	3	10	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2216	Douglas Fir (Pseudotsuga menziesii)	19	4	3	10	Yes	N	N	N	N	M	38	-	Skyline Blvd Inventory Area
2217	Douglas Fir (Pseudotsuga menziesii)	17	4	3	10	Yes	N	N	N	N	M	34	-	Skyline Blvd Inventory Area
2218	Bigleaf Maple (Acer macrophyllum)	6	3	3	5	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2219	Douglas Fir (Pseudotsuga menziesii)	22	4	4	15	Yes	N	N	N	N	M	44	-	Skyline Blvd Inventory Area
2220	Bigleaf Maple (Acer macrophyllum)	8	4	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2221	Douglas Fir (Pseudotsuga menziesii)	31	4	4	20	Yes	N	N	N	N	M	62	-	Skyline Blvd Inventory Area
2300	Douglas Fir (Pseudotsuga menziesii)	6	3	2	10	Yes	N	N	N	N	M	12	-	Skyline Blvd Inventory Area
2301	Douglas Fir (Pseudotsuga menziesii)	29	4	4	15	Yes	N	N	N	N	M	58	-	Skyline Blvd Inventory Area
2302	Bigleaf Maple (Acer macrophyllum)	12	4	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2303	Douglas Fir (Pseudotsuga menziesii)	8	2	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2304	Douglas Fir (Pseudotsuga menziesii)	10	3	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2305	Bigleaf Maple (Acer macrophyllum)	12	4	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2307	Bigleaf Maple (Acer macrophyllum)	7	3	3	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2308	Douglas Fir (Pseudotsuga menziesii)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2309	Bigleaf Maple (Acer macrophyllum)	8	4	3	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2310	Douglas Fir (Pseudotsuga menziesii)	25	4	3	20	Yes	N	N	N	N	M	50	-	Skyline Blvd Inventory Area
2311	Douglas Fir (Pseudotsuga menziesii)	9	2	3	5	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2312	Douglas Fir (Pseudotsuga menziesii)	21	4	3	15	Yes	N	N	N	N	M	42	-	Skyline Blvd Inventory Area
2313	Bigleaf Maple (Acer macrophyllum)	10	3	2	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2315	Bigleaf Maple (Acer macrophyllum)	9	3	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2316	Western Red Cedar (Thuja plicata)	7	4	4	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2317	Bigleaf Maple (Acer macrophyllum)	13	3	3	10	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
2318	Bigleaf Maple (Acer macrophyllum)	10	3	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2319	Douglas Fir (Pseudotsuga menziesii)	31	4	4	15	Yes	N	N	N	N	M	62	-	Skyline Blvd Inventory Area
2320	Douglas Fir (Pseudotsuga menziesii)	24	4	3	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
2321	Scouller Willow (Salix scouleriana)	10	3	1	15	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2322	Scouller Willow (Salix scouleriana)	8	3	2	15	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2323	Scouller Willow (Salix scouleriana)	11	1	2	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2324	Douglas Fir (Pseudotsuga menziesii)	13	3	3	10	Yes	N	N	N	N	M	26	-	Skyline Blvd Inventory Area
2325	Scouller Willow (Salix scouleriana)	16	2	1	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2326	Douglas Fir (Pseudotsuga menziesii)	31	4	4	20	Yes	N	N	N	N	M	62	-	Skyline Blvd Inventory Area
2400	Douglas Fir (Pseudotsuga menziesii)	11	4	4	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2401	Douglas Fir (Pseudotsuga menziesii)	19	3	3	15	Yes	N	N	N	N	M	38	-	Skyline Blvd Inventory Area
2402	Douglas Fir (Pseudotsuga menziesii)	10	1	3	10	Yes	N	N	N	N	M	20	-	Skyline Blvd Inventory Area
2403	Bigleaf Maple (Acer macrophyllum)	11	4	3	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2404	Bigleaf Maple (Acer macrophyllum)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2405	Red Alder (Alnus rubrum)	12	3	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2406	Douglas Fir (Pseudotsuga menziesii)	20	4	3	15	Yes	N	N	N	N	M	40	-	Skyline Blvd Inventory Area
2407	Douglas Fir (Pseudotsuga menziesii)	14	3	3	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2408	Bigleaf Maple (Acer macrophyllum)	8	2	2	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2500	Bigleaf Maple (Acer macrophyllum)	20	3	2	15	Yes	N	N	N	N	M	40	-	Skyline Blvd Inventory Area

Tree #	Species	DBH	Health Rating	Structure Rating	Canopy Diameter (ft)	Retain	Development Area	Street Tree	Previous Impacts	Invasive List	Construction Tolerance	RPZ (ft. Dia.)	Removal Criteria	Arborist Notes
2501	Douglas Fir (Pseudotsuga menziesii)	7	4	4	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2502	Douglas Fir (Pseudotsuga menziesii)	16	4	4	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2503	Western Red Cedar (Thuja plicata)	9	4	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2504	Douglas Fir (Pseudotsuga menziesii)	32	4	3	20	Yes	N	N	N	N	M	64	-	Skyline Blvd Inventory Area
2505	Bigleaf Maple (Acer macrophyllum)	9	4	3	10	Yes	N	N	N	N	M	18	-	Skyline Blvd Inventory Area
2506	Douglas Fir (Pseudotsuga menziesii)	29	4	4	20	Yes	N	N	N	N	M	58	-	Skyline Blvd Inventory Area
2507	Bigleaf Maple (Acer macrophyllum)	14	3	3	10	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2508	Bigleaf Maple (Acer macrophyllum)	16	4	3	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2509	Bigleaf Maple (Acer macrophyllum)	8	2	3	5	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area
2510	Bigleaf Maple (Acer macrophyllum)	14	4	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2511	Bigleaf Maple (Acer macrophyllum)	12	4	3	10	Yes	N	N	N	N	M	24	-	Skyline Blvd Inventory Area
2512	Bigleaf Maple (Acer macrophyllum)	7	3	3	10	Yes	N	N	N	N	M	14	-	Skyline Blvd Inventory Area
2513	Bigleaf Maple (Acer macrophyllum)	16	2	2	15	Yes	N	N	N	N	M	32	-	Skyline Blvd Inventory Area
2514	Bigleaf Maple (Acer macrophyllum)	11	4	3	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2515	Bigleaf Maple (Acer macrophyllum)	11	4	3	10	Yes	N	N	N	N	M	22	-	Skyline Blvd Inventory Area
2516	Bigleaf Maple (Acer macrophyllum)	14	4	3	15	Yes	N	N	N	N	M	28	-	Skyline Blvd Inventory Area
2517	Douglas Fir (Pseudotsuga menziesii)	27	4	4	20	Yes	N	N	N	N	M	54	-	Skyline Blvd Inventory Area
2518	Douglas Fir (Pseudotsuga menziesii)	24	4	3	15	Yes	N	N	N	N	M	48	-	Skyline Blvd Inventory Area
2520	Scouler Willow (Salix scouleriana)	8	3	1	10	Yes	N	N	N	N	M	16	-	Skyline Blvd Inventory Area

Health and Structure Rating Legend:

1=Very 2 - 2=Poor - 3=Fair - 4=Good - 5=Excellent - 0=Dead

Removal Criteria

1=Wirezone/Borderzone - 2=Construction/Logging Impact - 3=Dead/Hazardous



Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

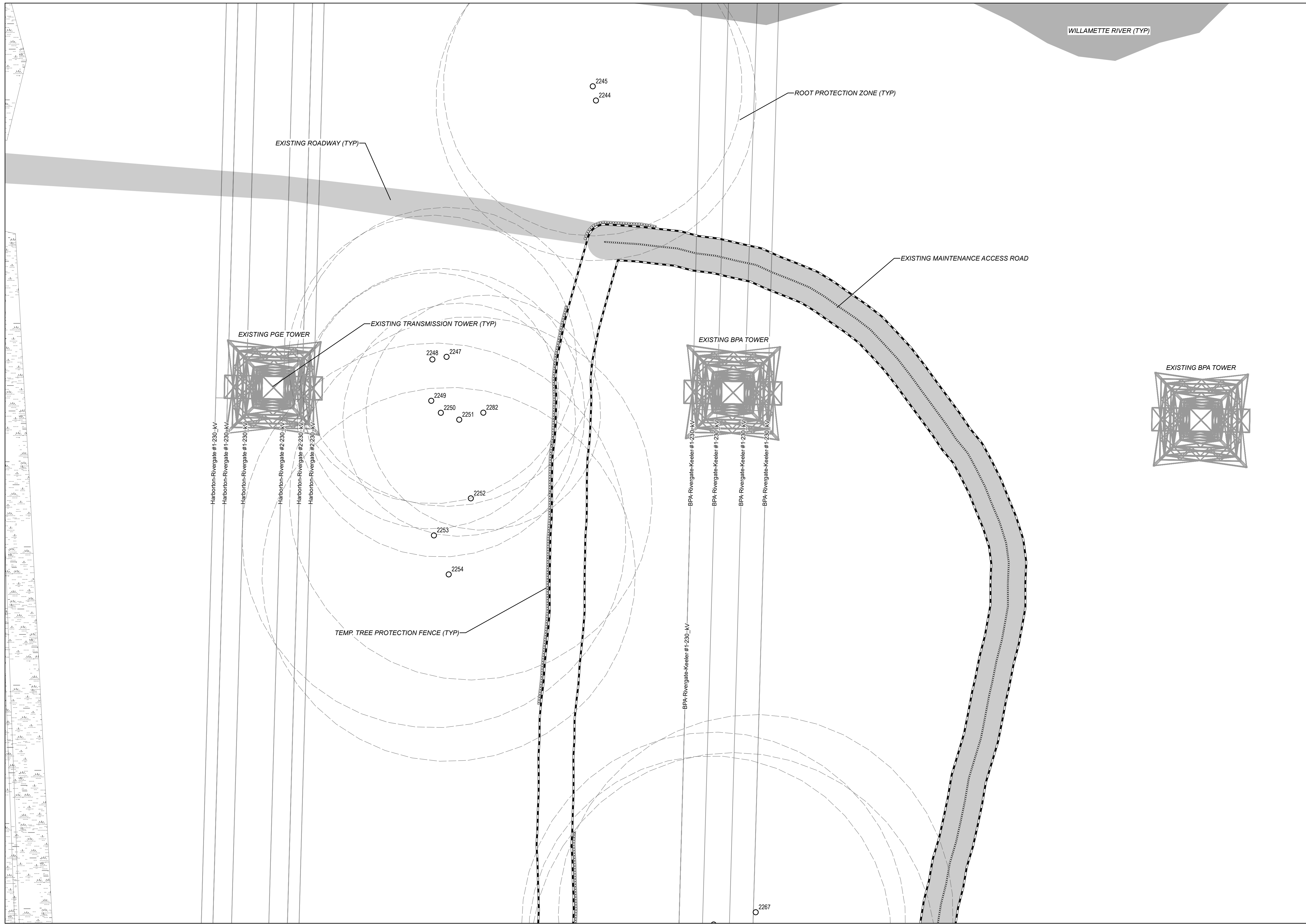
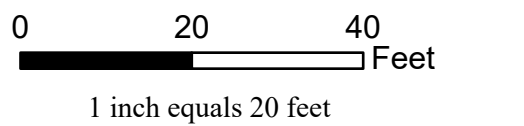
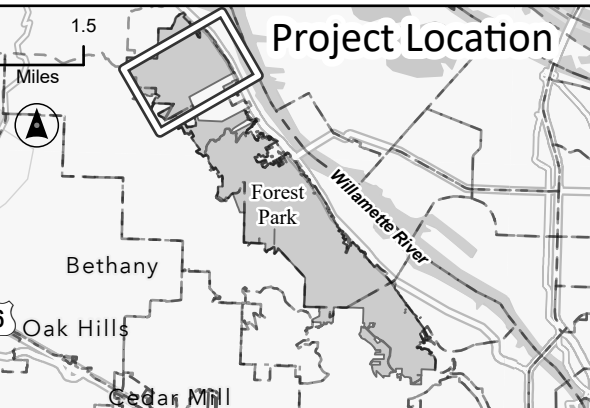
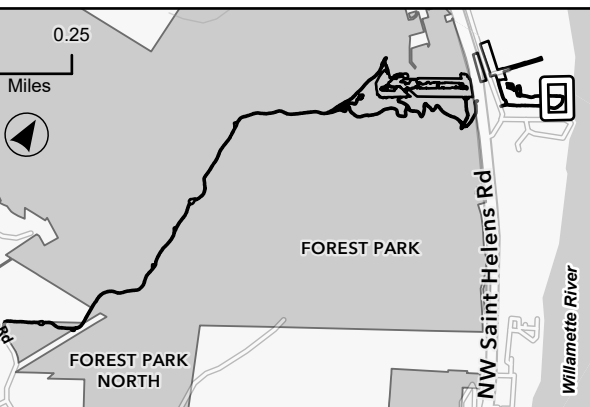
Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1 ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.

3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



MATCHLINE SEE SHEET TP02



Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

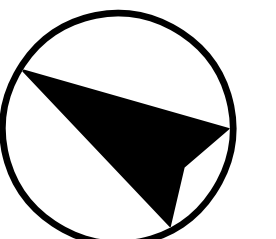
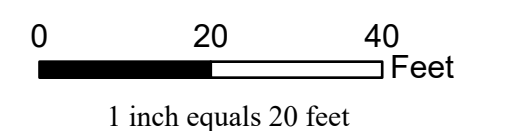
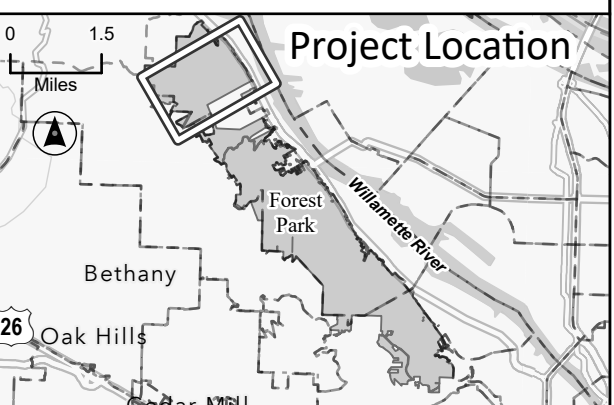
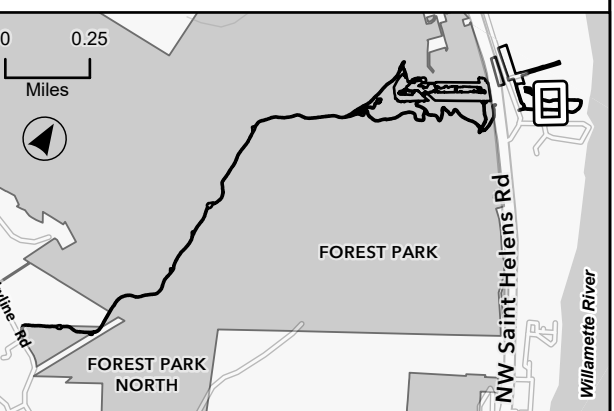
Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.

3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



North

MATCHLINE SEE SHEET TP02



MATCHLINE SEE SHEET TP04

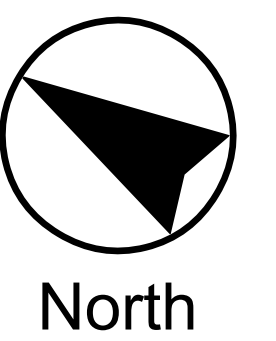
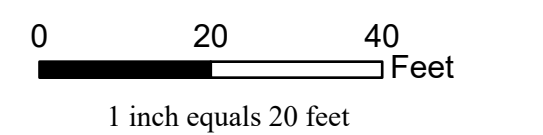
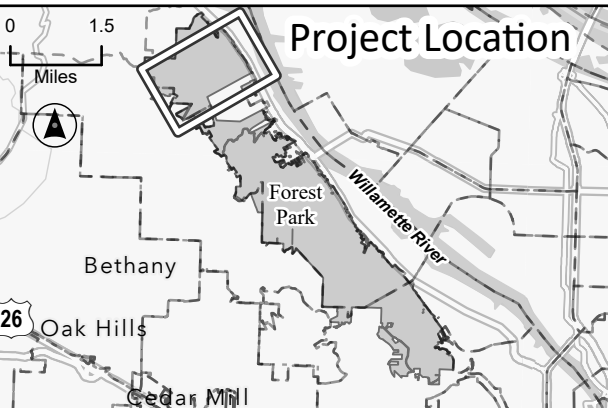
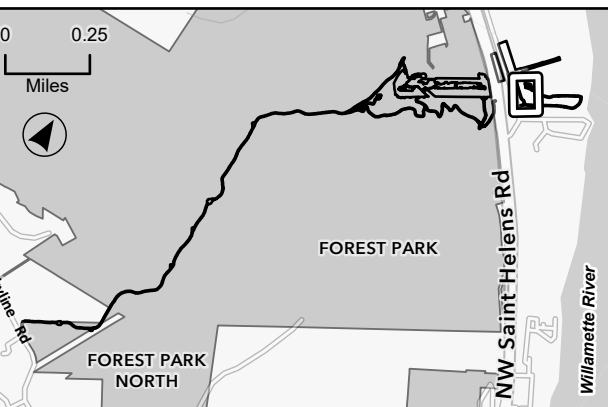


- Legend**
- Limits of Disturbance
 - Surveyed Tree Location**
 - Existing Deciduous (Living)
 - Existing Deciduous (Dead)
 - Existing Conifer (Living)
 - Existing Conifer (Dead)
 - Root Protection Zone
 - RPZ Criteria Buffer
 - Temporary Tree Protection Fence
 - Existing Access Road Centerline
 - Edge of Existing Roadway/ Access Road (approximate)
 - Wetland/Ordinary High Water (OHW)
 - Powerline Corridor
 - Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
 2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
 3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



MATCHLINE SEE SHEET TP03



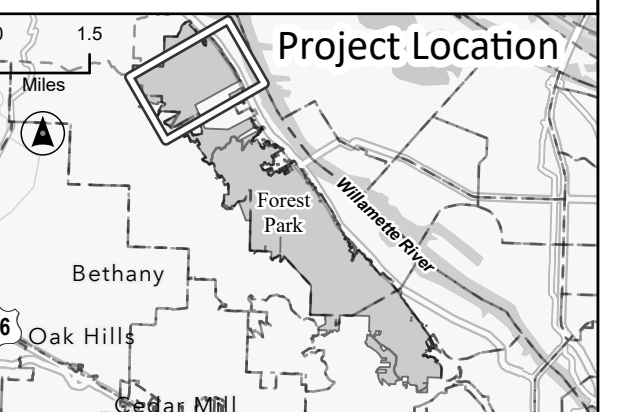
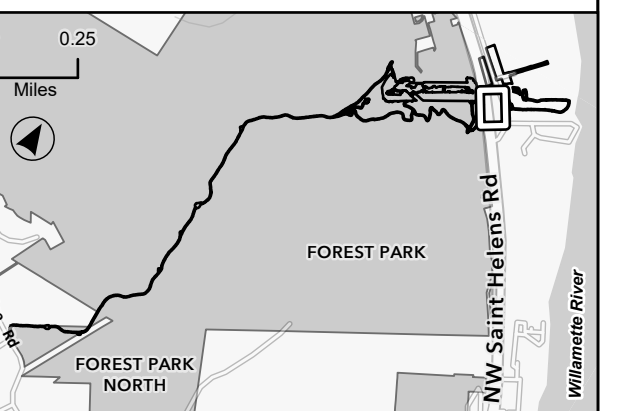
Legend

- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

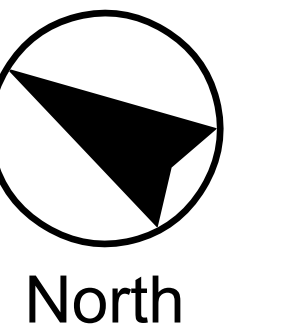
RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

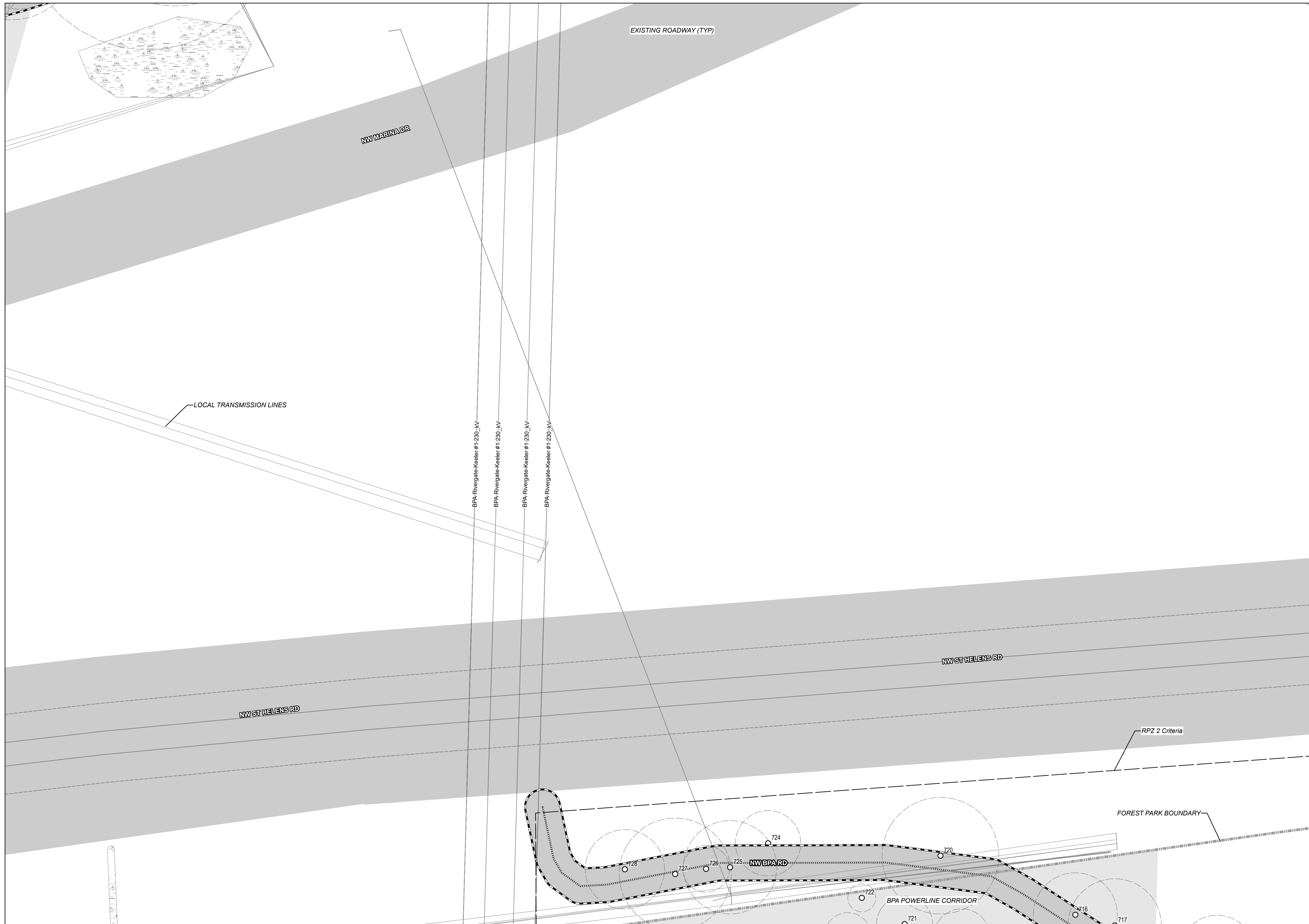
- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
 2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
 3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



0 20 40 Feet
1 inch equals 20 feet



MATCHLINE SEE SHEET TP05



MATCHLINE SEE SHEET TP07, TP06



Legend

Limits of Disturbance

Surveyed Tree Location

- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- △ Existing Conifer (Living)
- ▲ Existing Conifer (Dead)
- Root Protection Zone

— RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

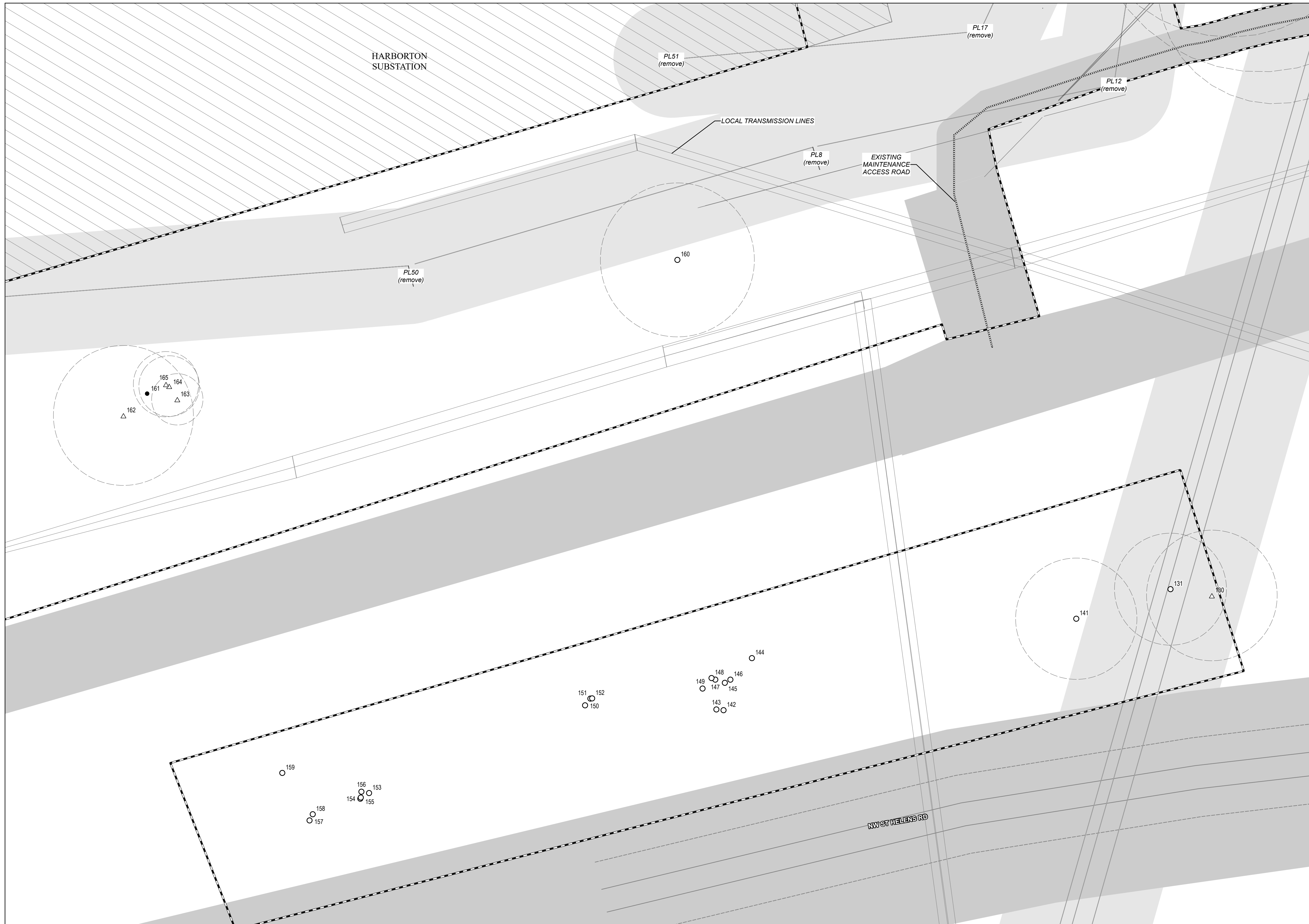
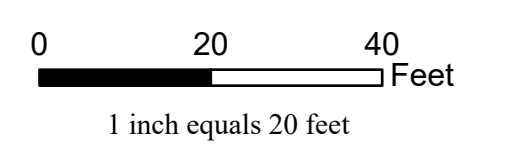
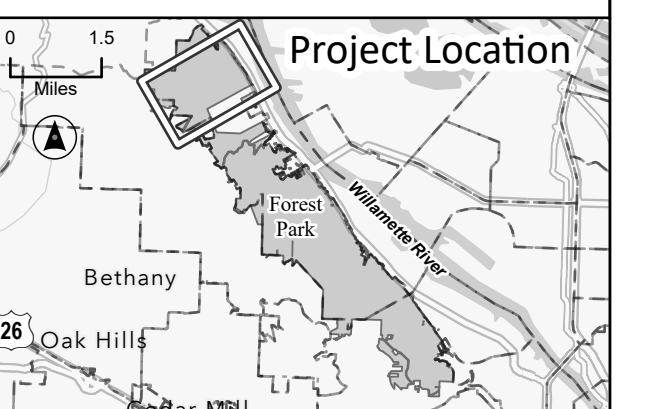
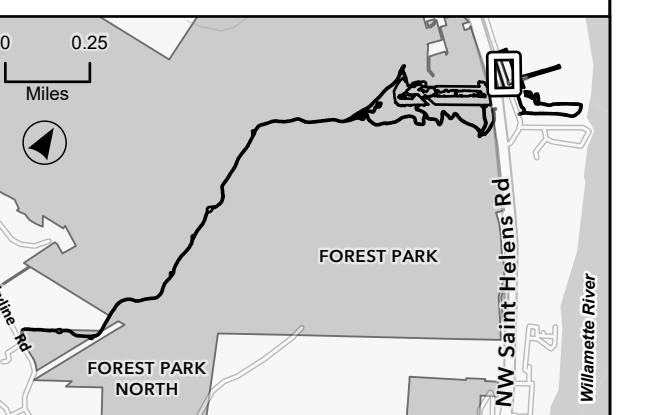
NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.

3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.

MATCHLINE SEE SHEET TP04



MATCHLINE SEE SHEET TP07



Legend

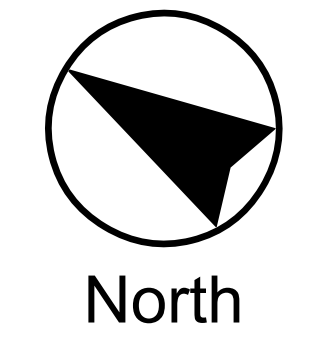
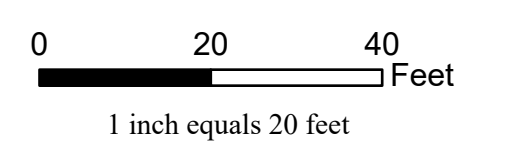
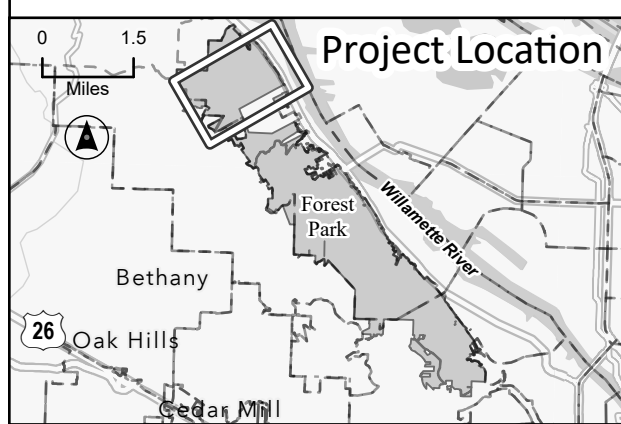
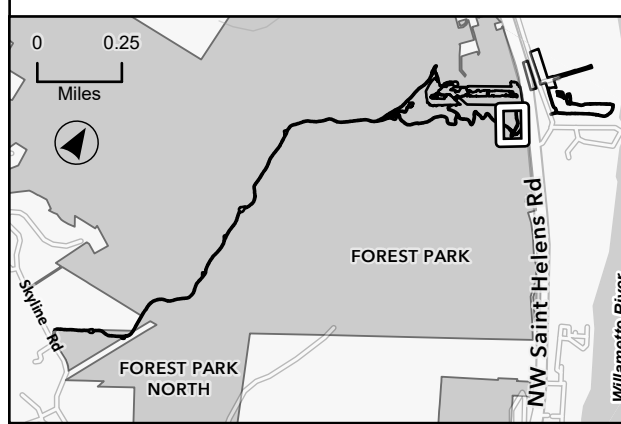
- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1 ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



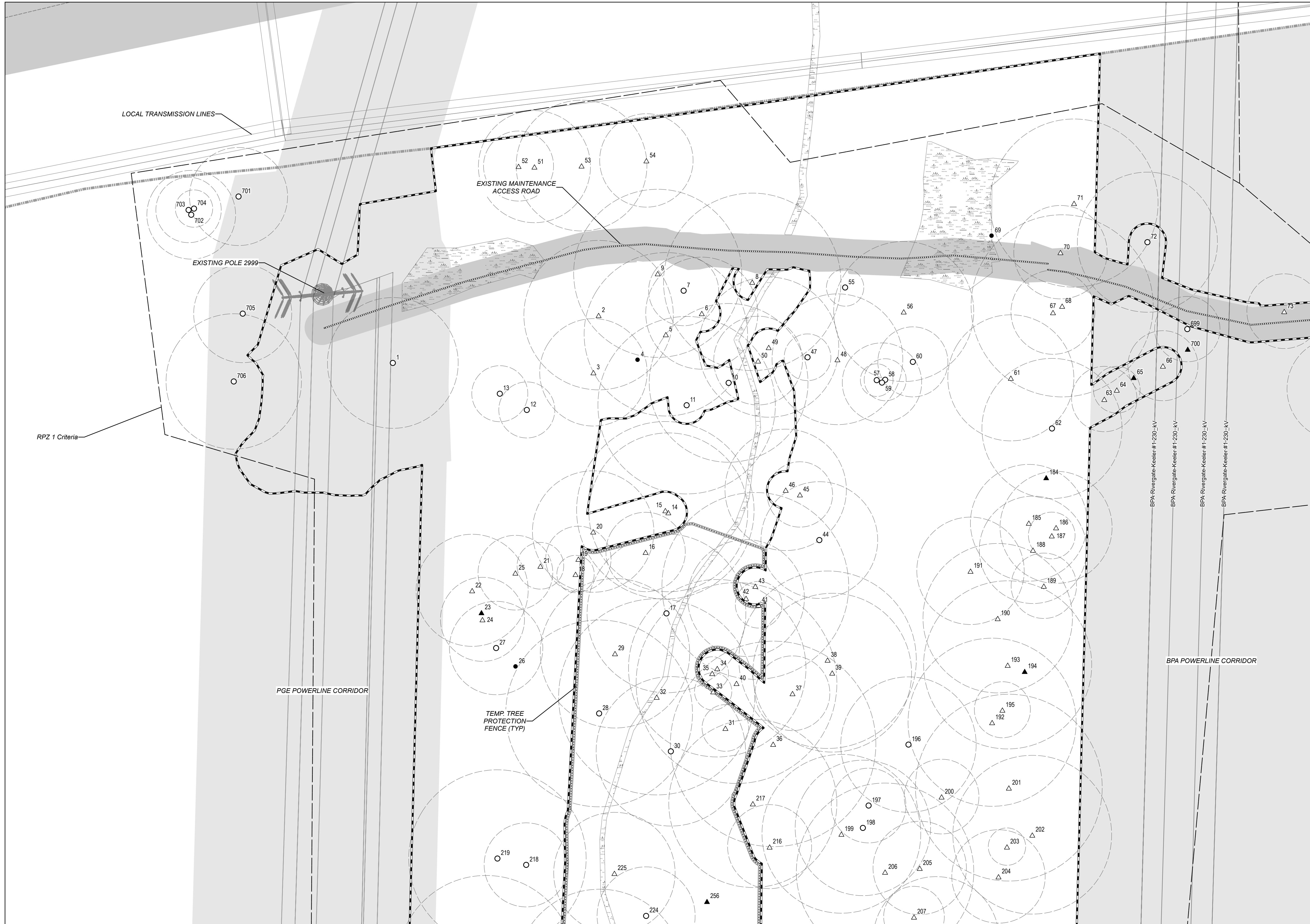
MATCHLINE SEE SHEET TP07

MATCHLINE SEE SHEET TP04

MATCHLINE SEE SHEET TP08

RPZ 2 Criteria

RPZ 1 Criteria



Legend

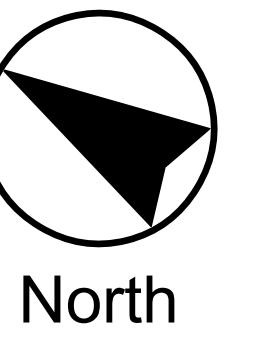
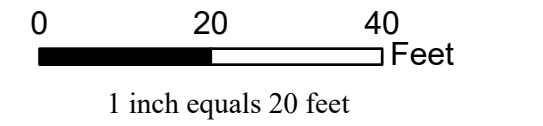
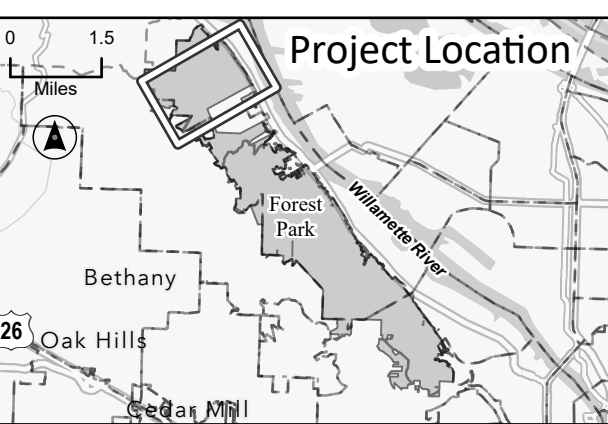
- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:
 1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
 2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
 3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.

MATCHLINE SEE SHEET TP06





Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

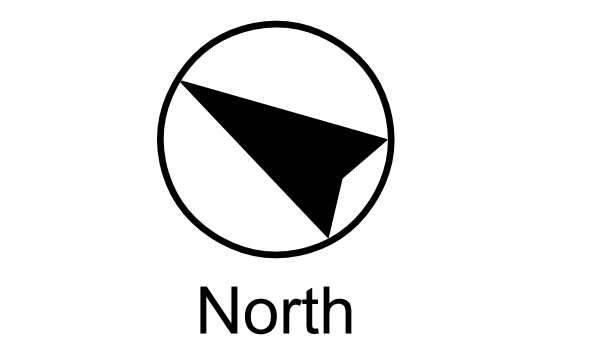
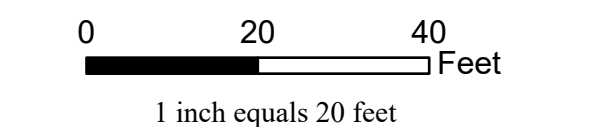
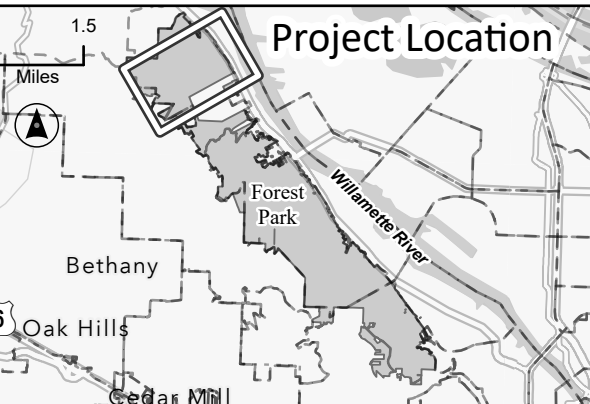
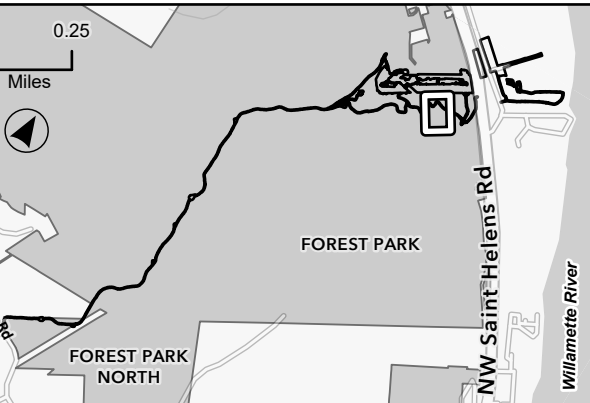
Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.

3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



MATCHLINE SEE SHEET TP06

MATCHLINE SEE SHEET TP10

MATCHLINE SEE SHEET TP09

BPA POWERLINE CORRIDOR

BPA Rivergate-Keeler #1-230-kV

BPA Rivergate-Keeler #1-230-kV

NW BPA RD

EXISTING MAINTENANCE ACCESS ROAD

RPZ 1 Criteria





Tree Plan
Sheet 9 of 20
TP9

10/28/2024

Legend

Limits of Disturbance

Surveyed Tree Location

- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- △ Existing Conifer (Living)
- ▲ Existing Conifer (Dead)
- Root Protection Zone

RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

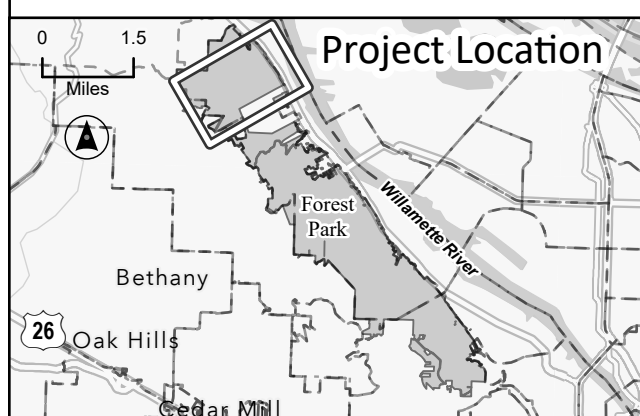
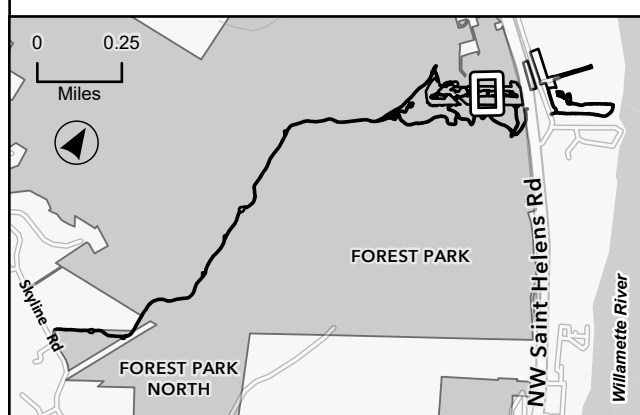
NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

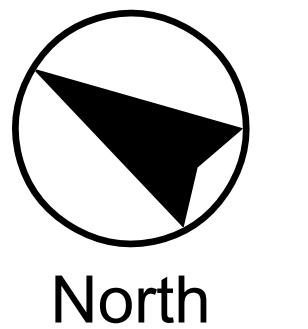
2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.

3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.

MATCHLINE SEE SHEET TP08



0 20 40 Feet
1 inch equals 20 feet



MATCHLINE SEE SHEET TP07

MATCHLINE SEE SHEET TP11

PGE POWERLINE CORRIDOR

BPA POWERLINE CORRIDOR

BPA Rivergate-Keeler #1-230-kV

BPA Rivergate-Keeler #4-230-kV

BPA Rivergate-Keeler #1-230-kV

BPA Rivergate-Keeler #1-230-kV

RPZ 1 Criteria

TEMP. TREE PROTECTION FENCE (TYP)





Tree Plan
Sheet 10 of 20
TP10

10/28/2024

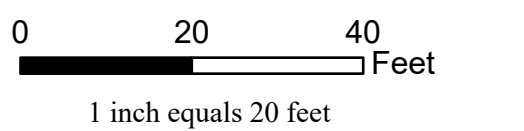
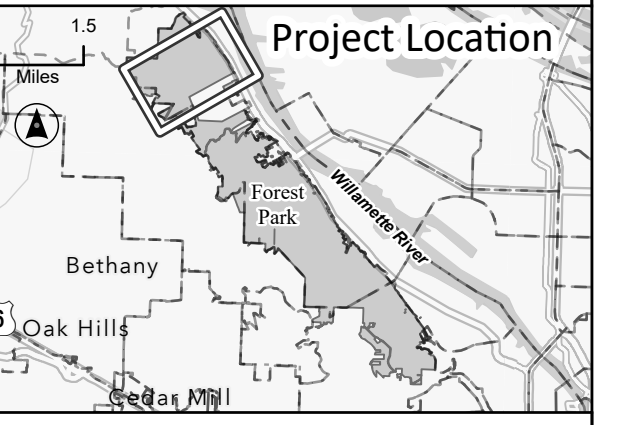
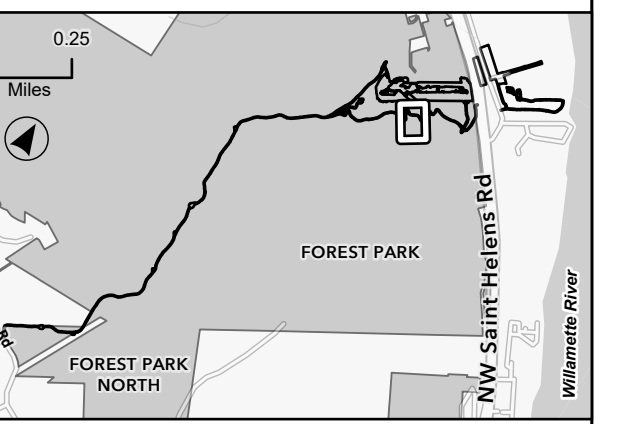
Legend

- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

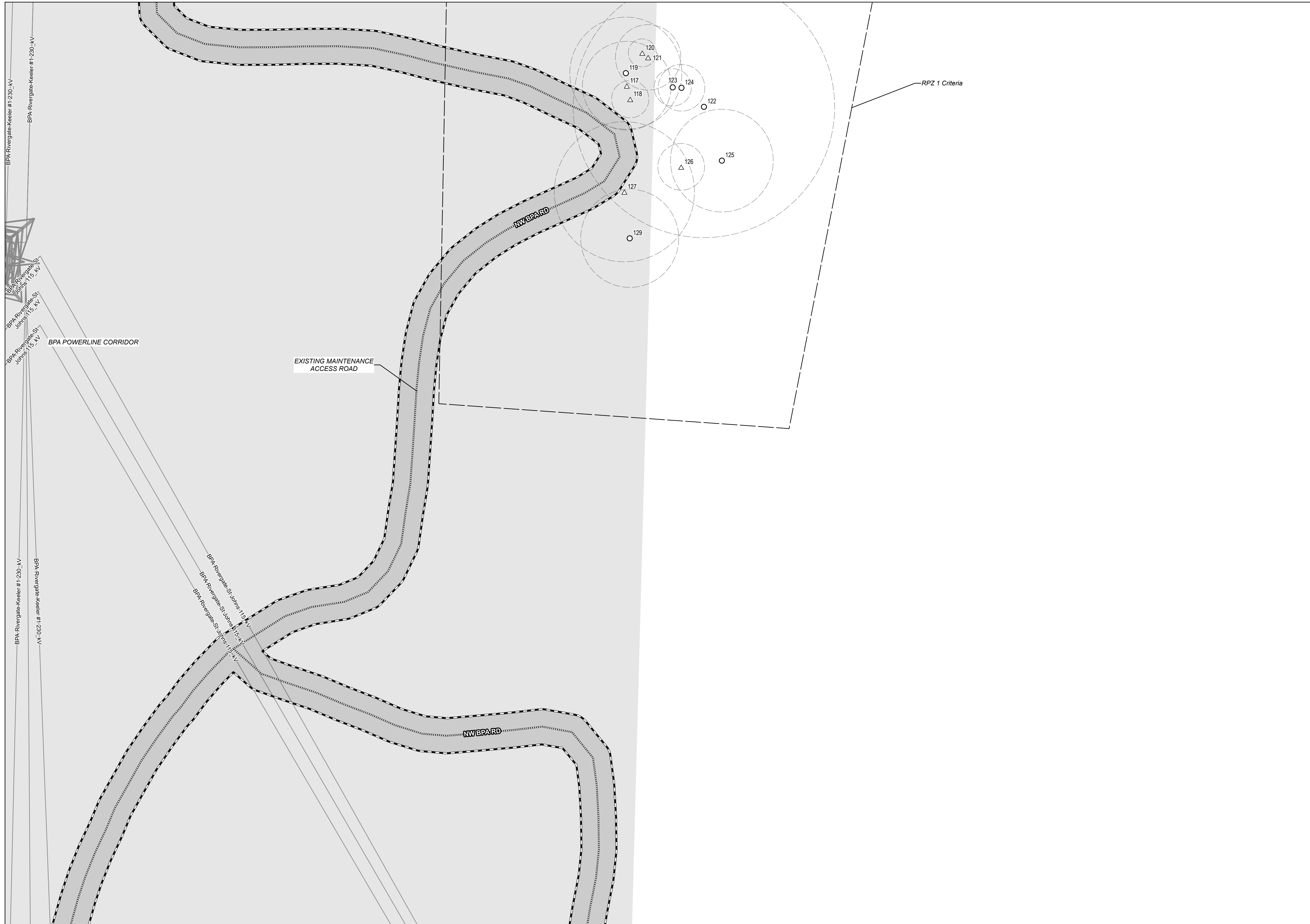
RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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 3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



MATCHLINE SEE SHEET TP08



MATCHLINE SEE SHEET TP11

MATCHLINE SEE SHEET TP13



Tree Plan
Sheet 11 of 20
TP11

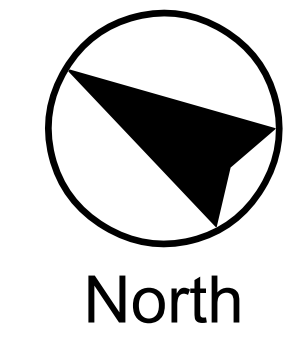
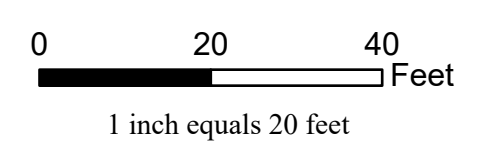
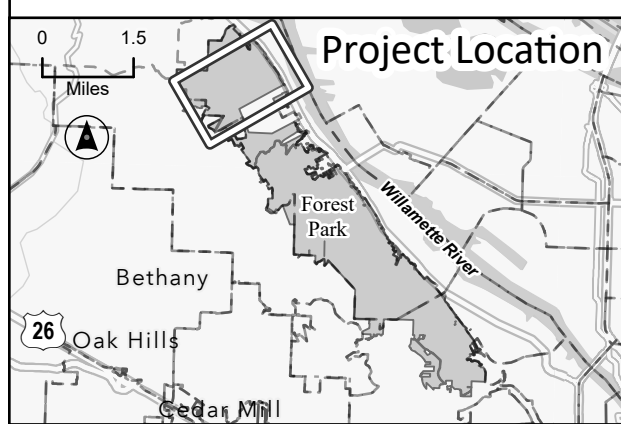
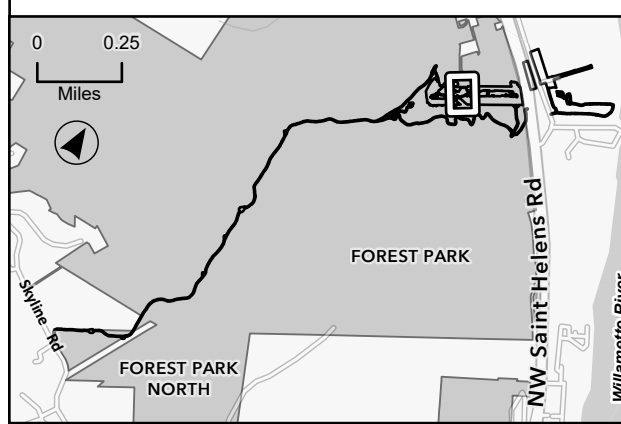
10/28/2024

- Legend**
- Limits of Disturbance
 - Surveyed Tree Location**
 - Existing Deciduous (Living)
 - Existing Deciduous (Dead)
 - Existing Conifer (Living)
 - Existing Conifer (Dead)
 - Root Protection Zone
 - RPZ Criteria Buffer
 - Temporary Tree Protection Fence
 - Existing Access Road Centerline
 - Edge of Existing Roadway/ Access Road (approximate)
 - Wetland/Ordinary High Water (OHW)
 - Powerline Corridor
 - Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
 2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
 3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.



MATCHLINE SEE SHEET TP10

MATCHLINE SEE SHEET TP09

MATCHLINE SEE SHEET TP12, TP13

RPZ 1 Criteria

PGE POWERLINE CORRIDOR

TEMP TREE PROTECTION FENCE (TYP)

PGE TOWER 2998 (RE-USE)

EXISTING BPA TOWER

BPA POWERLINE CORRIDOR

RPZ 3 Criteria

EXISTING MAINTENANCE ACCESS ROAD

RPZ 3 Criteria



Tree Plan
Sheet 12 of 20
TP12

10/28/2024

Legend

- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

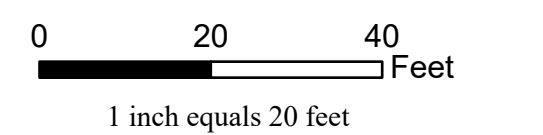
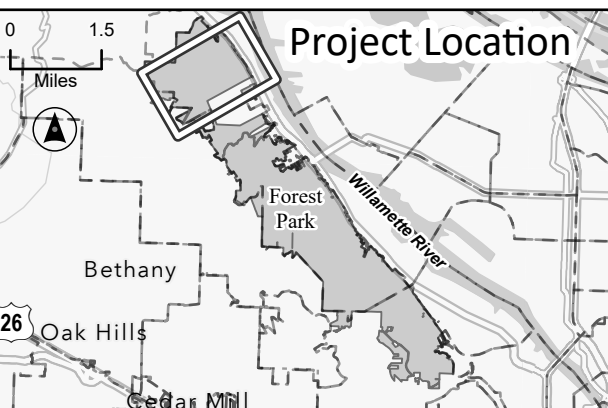
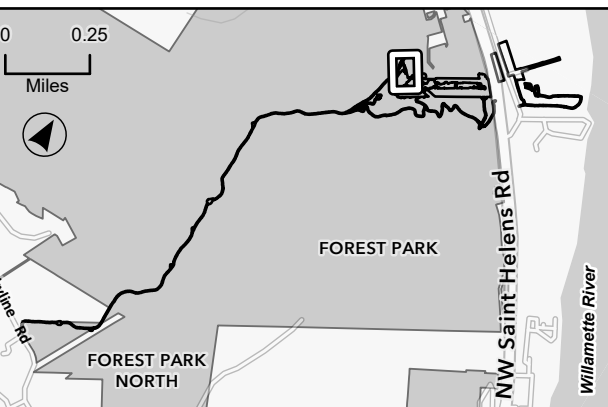
RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
2. Vine Maples and all trees with a DBH less than 6-in are not shown on these plans.
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MATCHLINE SEE SHEET TP13





Tree Plan
Sheet 13 of 20
TP13

10/28/2024

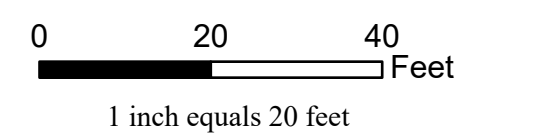
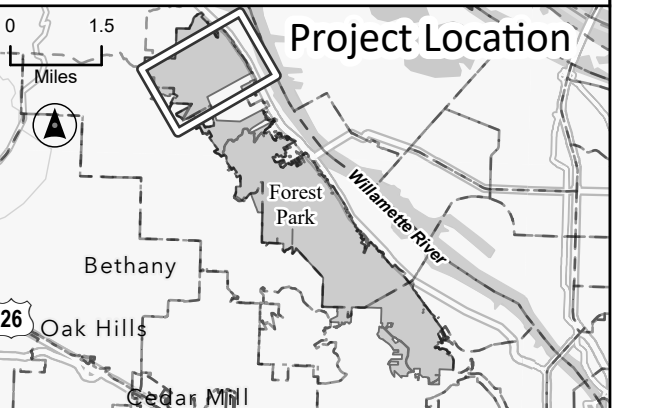
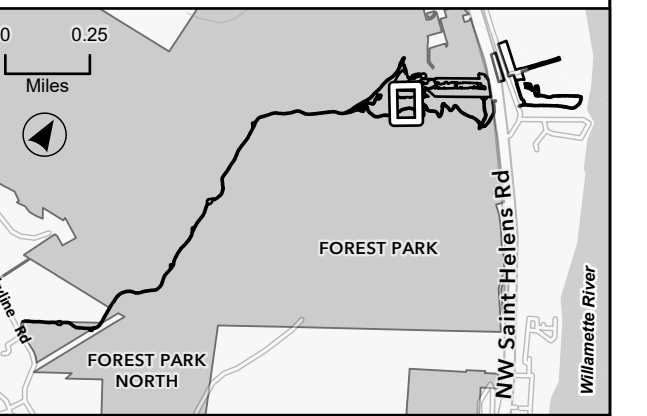
Legend

- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

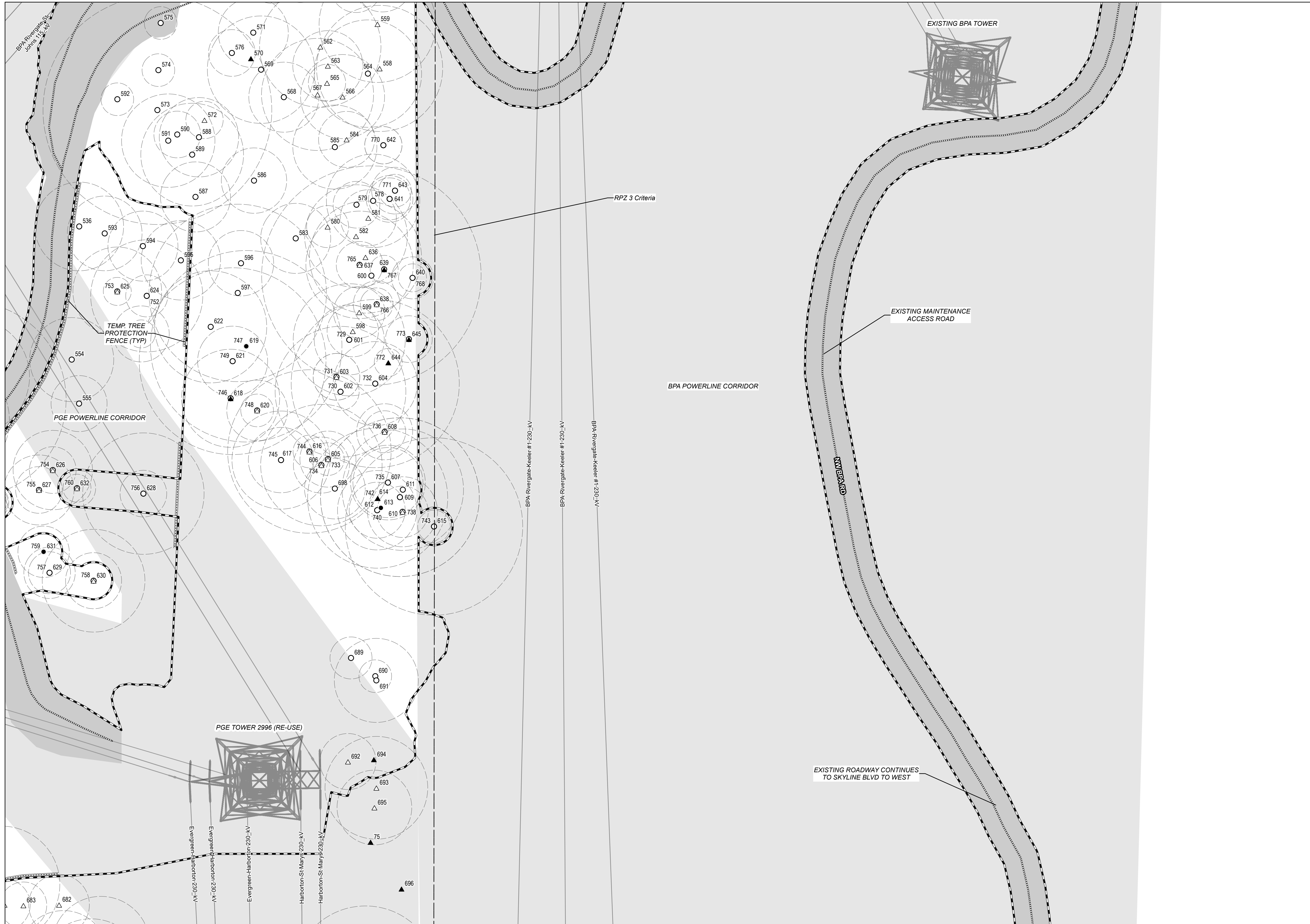
RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

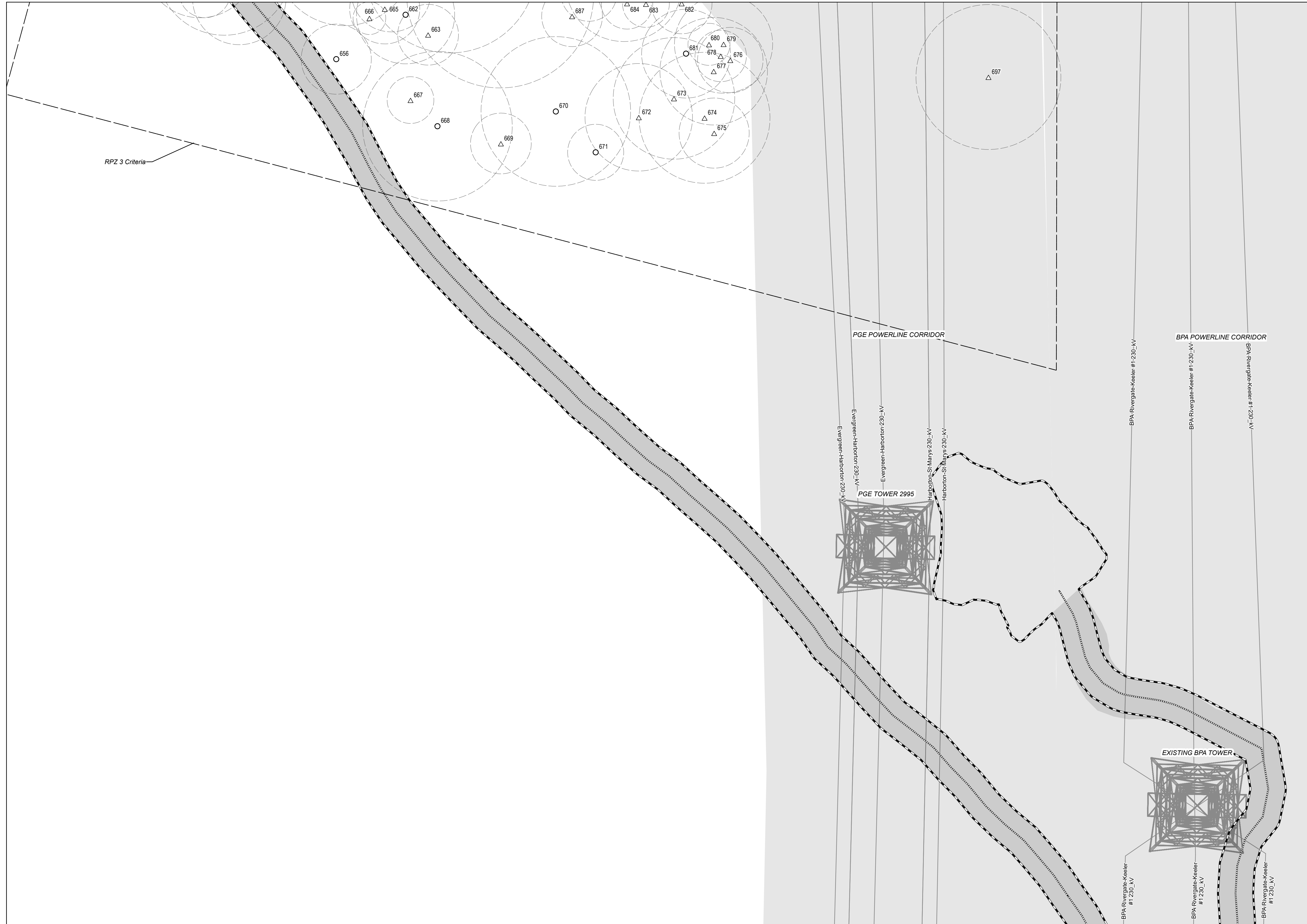
Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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MATCHLINE SEE SHEET TP12





Tree Plan
Sheet 14 of 20
TP14

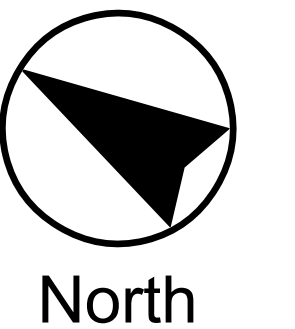
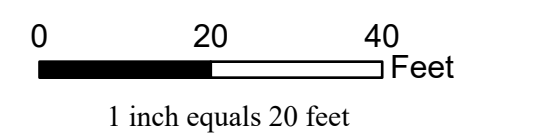
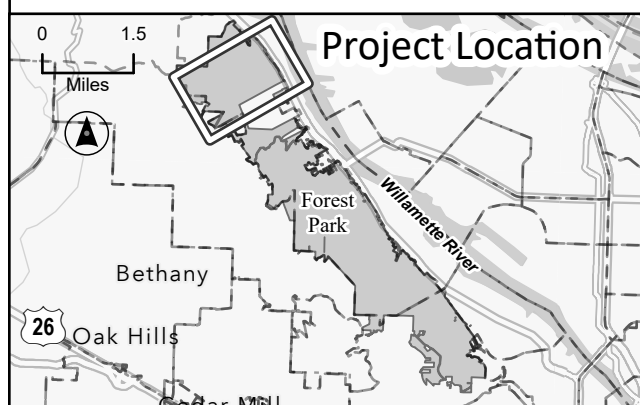
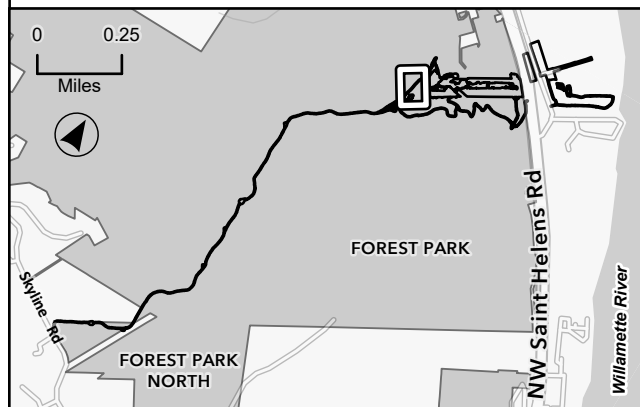
10/28/2024

- Legend**
- Limits of Disturbance
 - Surveyed Tree Location**
 - Existing Deciduous (Living)
 - Existing Deciduous (Dead)
 - Existing Conifer (Living)
 - Existing Conifer (Dead)
 - Root Protection Zone
 - RPZ Criteria Buffer
 - Temporary Tree Protection Fence
 - Existing Access Road Centerline
 - Edge of Existing Roadway/ Access Road (approximate)
 - Wetland/Ordinary High Water (OHW)
 - Powerline Corridor
 - Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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Tree Plan
Sheet 15 of 20
TP15

10/28/2024

Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

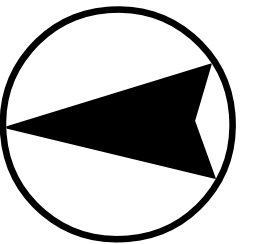
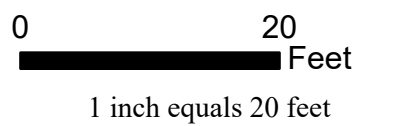
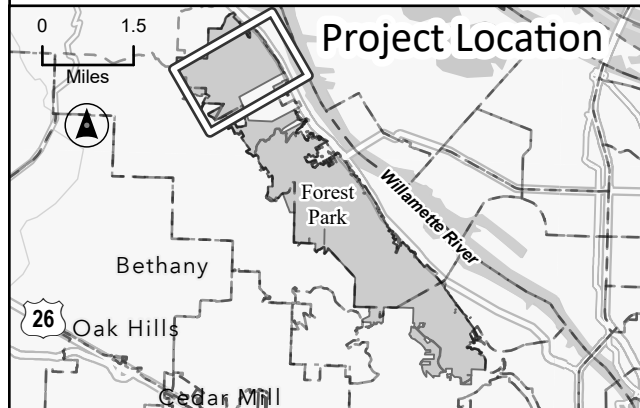
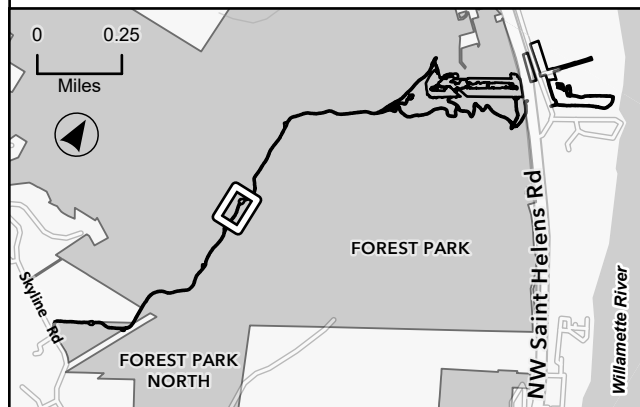
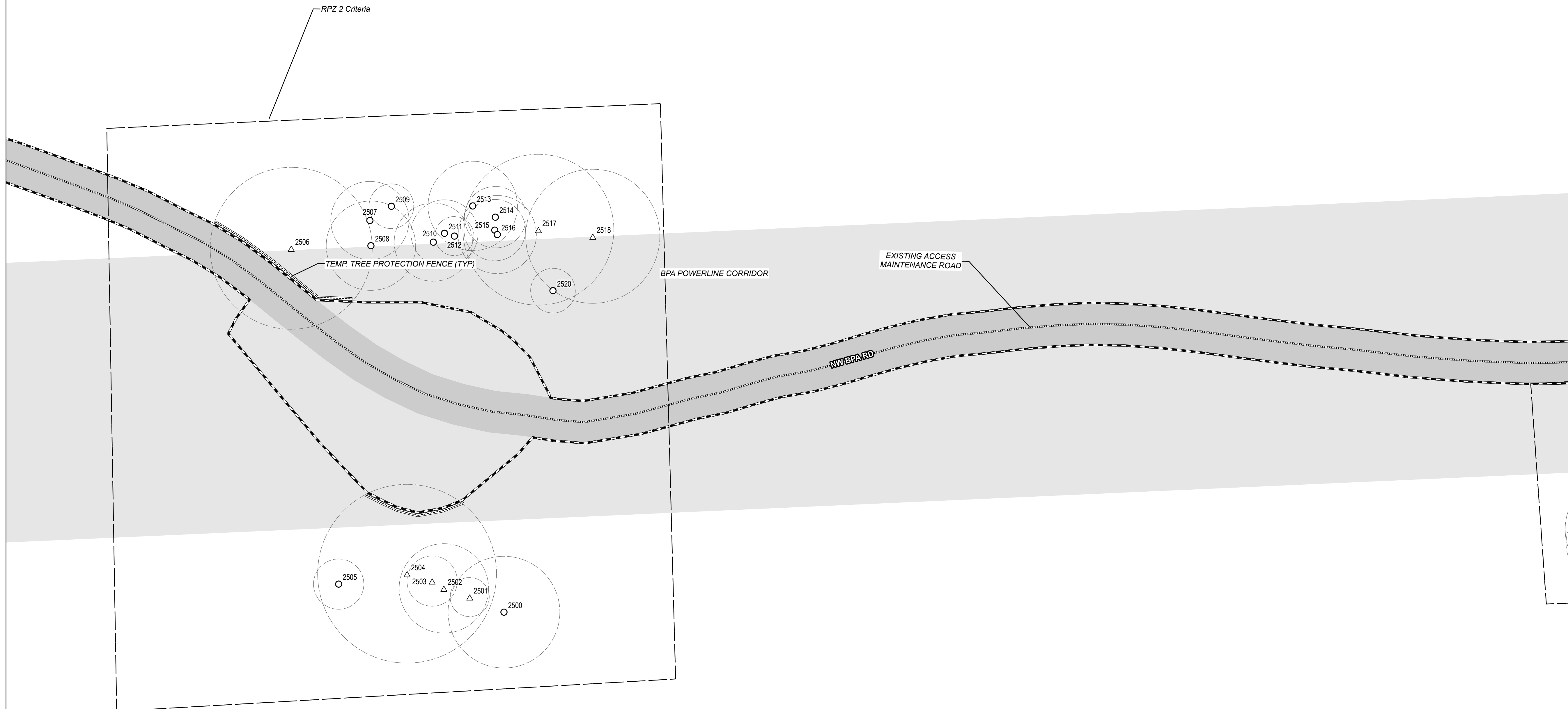
NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.

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3. South of the Harborton Substation, only trees with RPZs which overlap with the Limits of Disturbance are shown on these plans; all surveyed trees are included in the Project Site area.

MATCHLINE SEE SHEET TP16



North



Tree Plan
Sheet 16 of 20
TP16

10/28/2024

Legend

Limits of Disturbance

Surveyed Tree Location

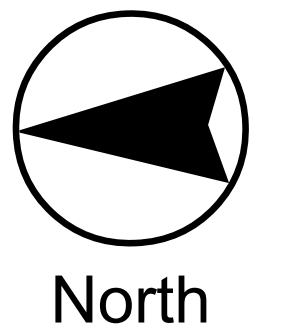
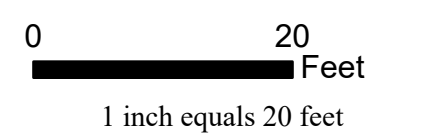
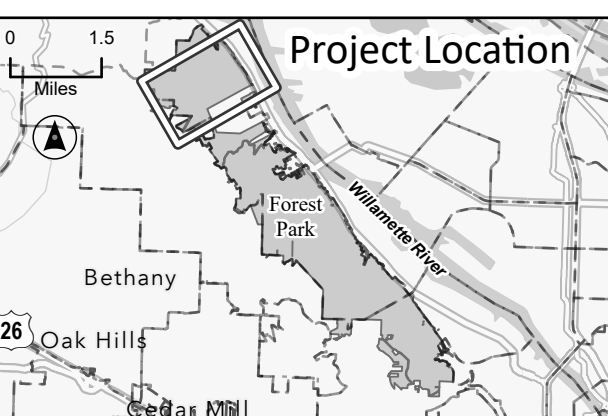
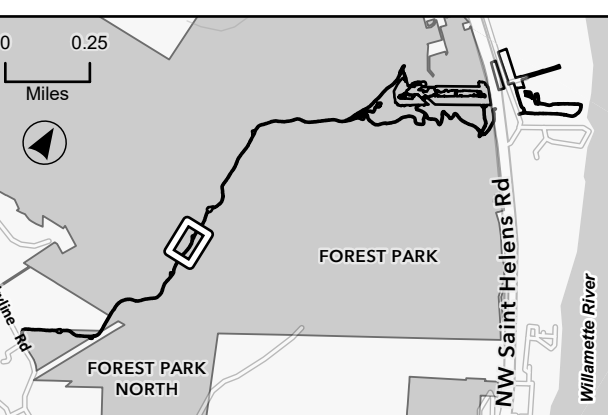
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- △ Existing Conifer (Living)
- ▲ Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

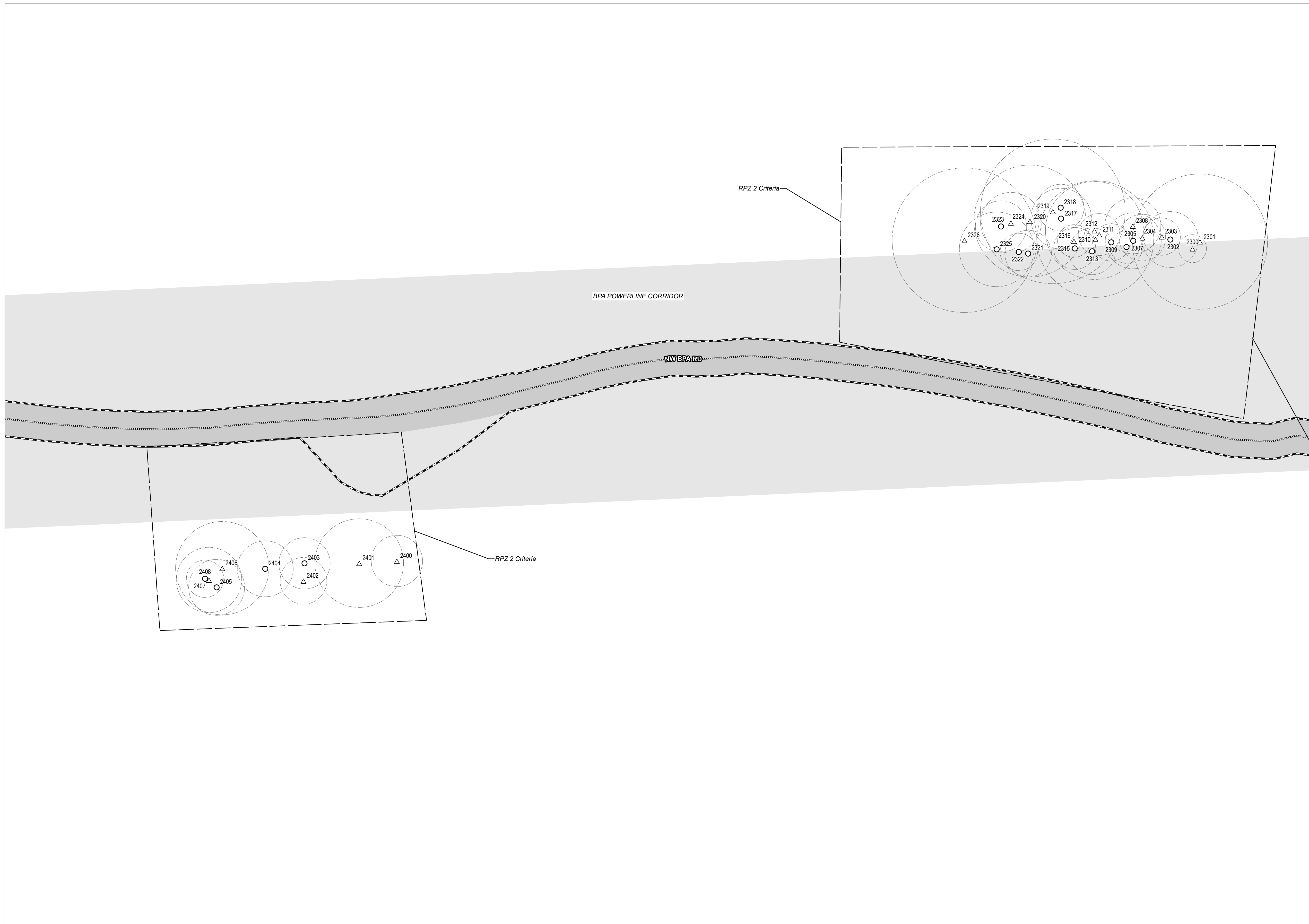
NOTES:

1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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MATCHLINE SEE SHEET TP15

MATCHLINE SEE SHEET TP17

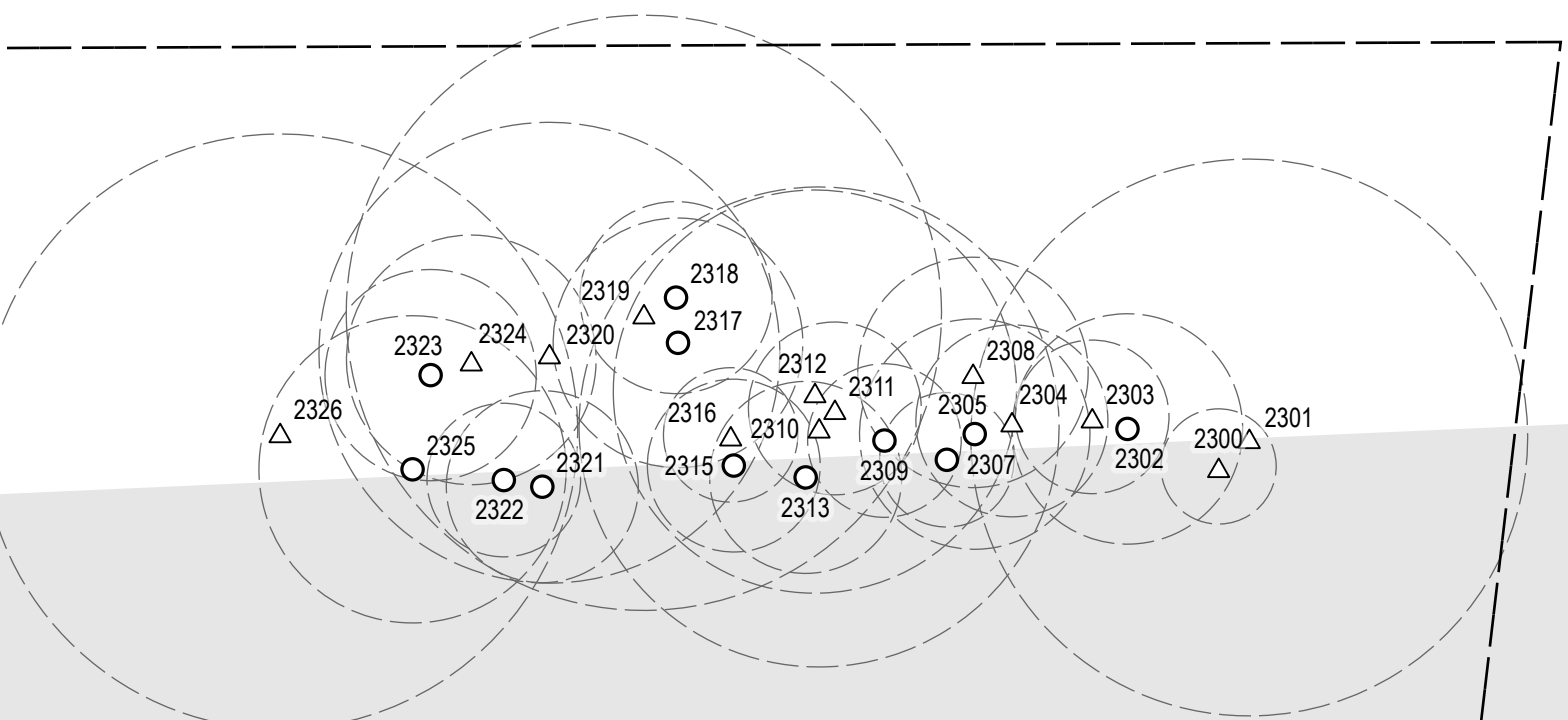
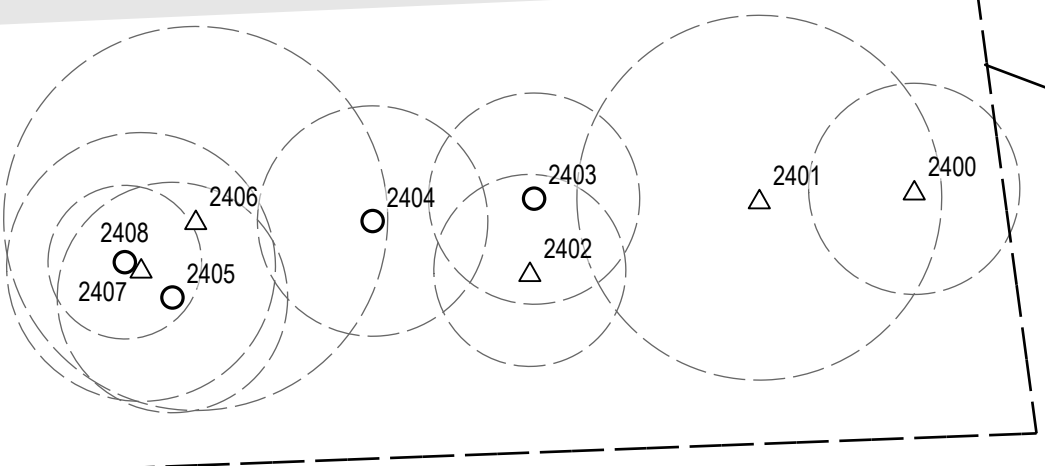


RPZ 2 Criteria

RPZ 2 Criteria

BPA POWERLINE CORRIDOR

NWEPARD





Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

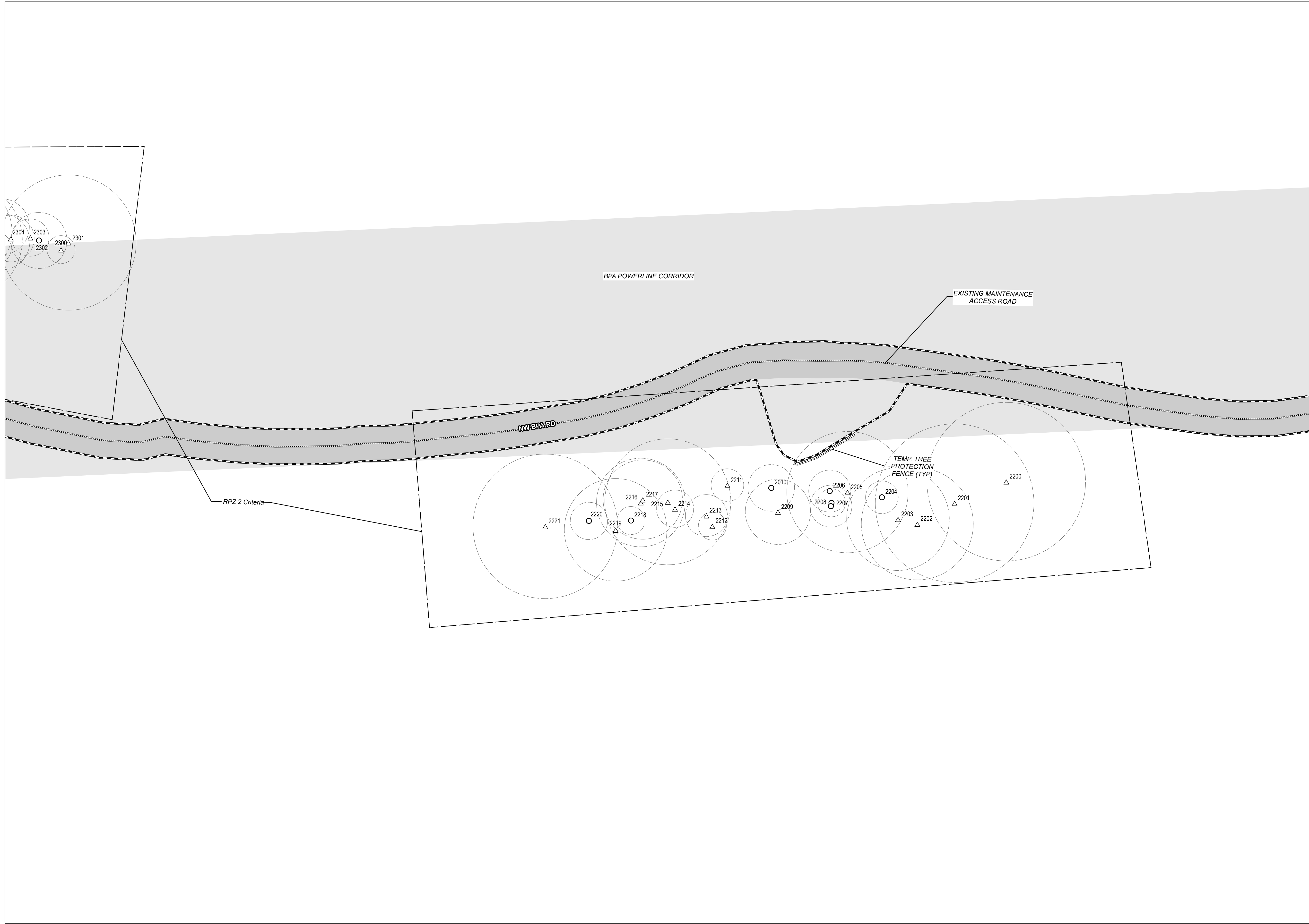
Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

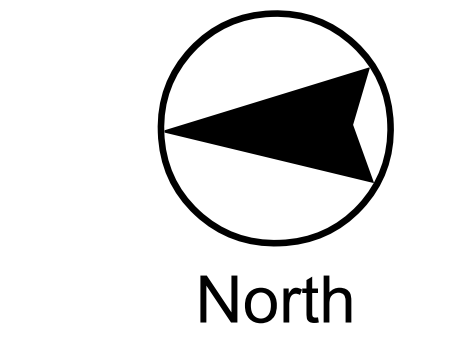
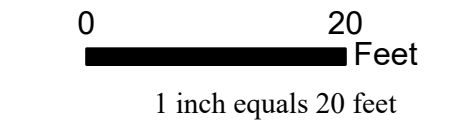
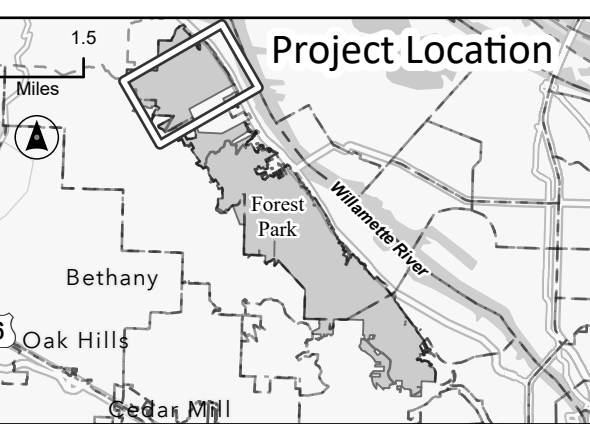
MATCHLINE SEE SHEET TP16



RPZ Criteria Buffers
RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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Legend

Limits of Disturbance

Surveyed Tree Location

○ Existing Deciduous (Living)

● Existing Deciduous (Dead)

△ Existing Conifer (Living)

▲ Existing Conifer (Dead)

○ Root Protection Zone

--- RPZ Criteria Buffer

Temporary Tree Protection Fence

Existing Access Road Centerline

Edge of Existing Roadway/ Access Road (approximate)

Wetland/Ordinary High Water (OHW)

Powerline Corridor

Forest Park Boundary

RPZ Criteria Buffers

RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)

RPZ -2: BPA Road Access (Appendix A, Fig 3-6)

RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

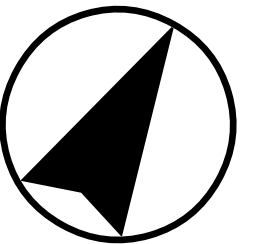
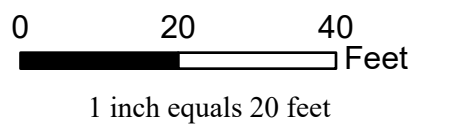
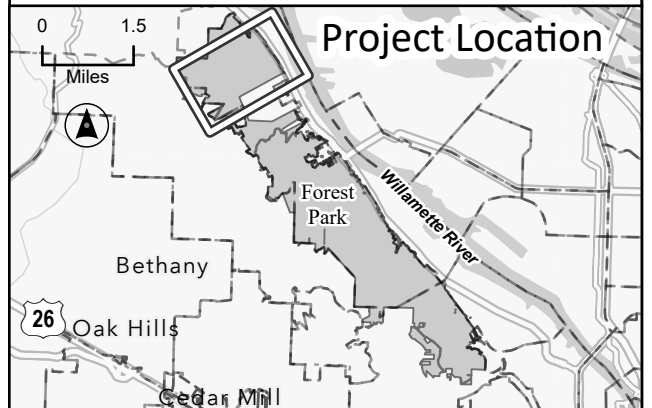
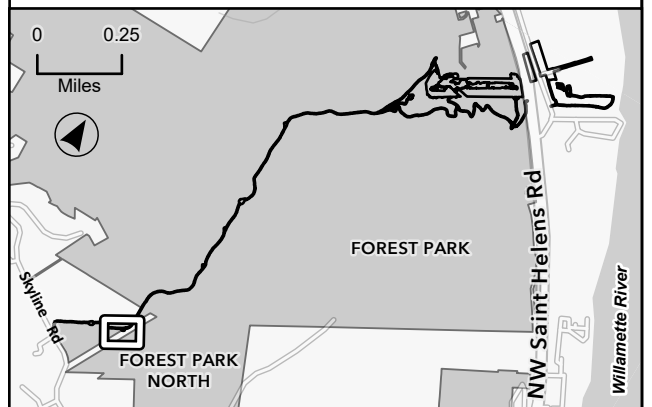
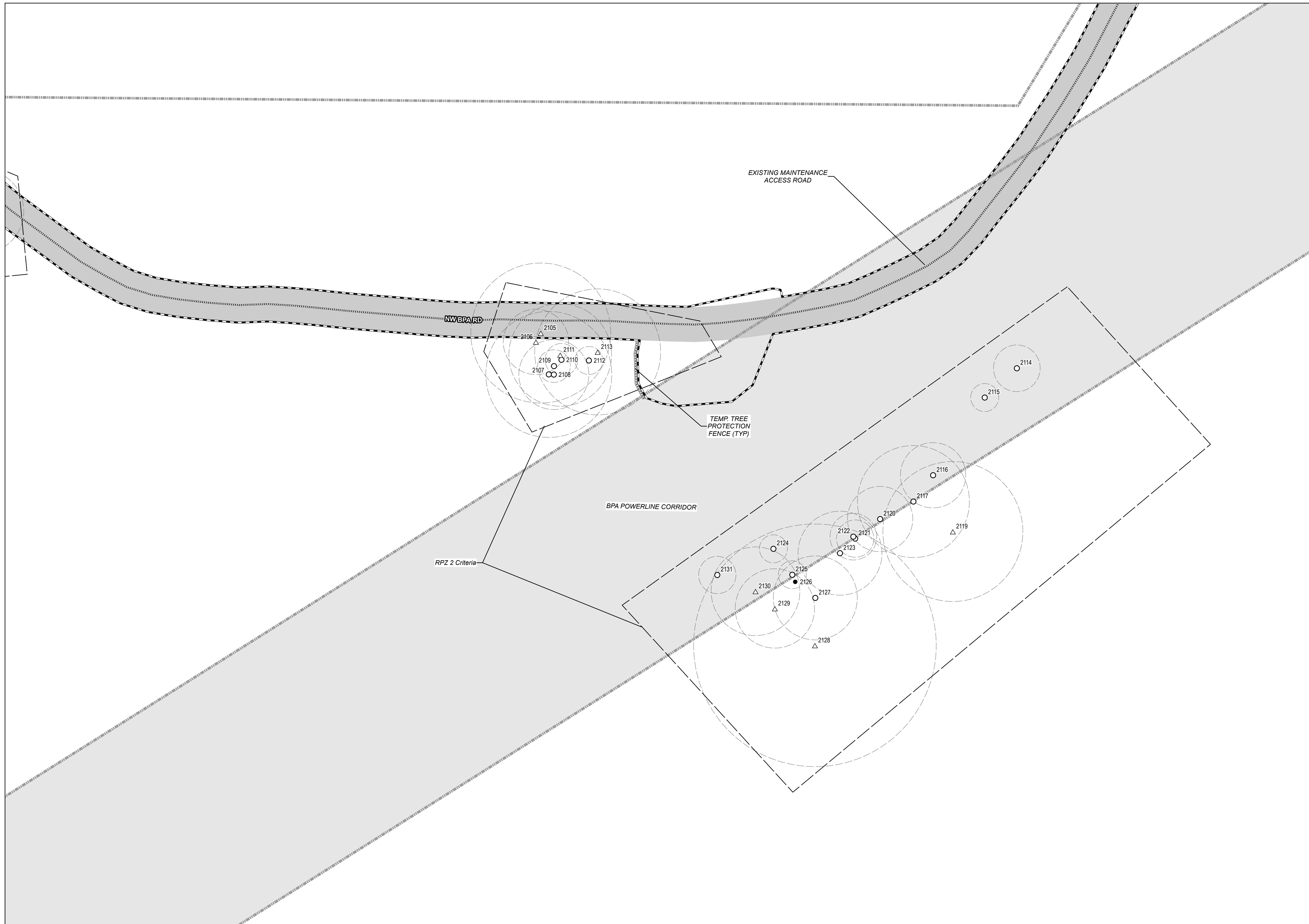
NOTES:

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MATCHLINE SEE SHEET TP19



North



Tree Plan
Sheet 19 of 20
TP19

10/28/2024

Legend

- Limits of Disturbance
- Surveyed Tree Location**
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- Existing Conifer (Living)
- Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

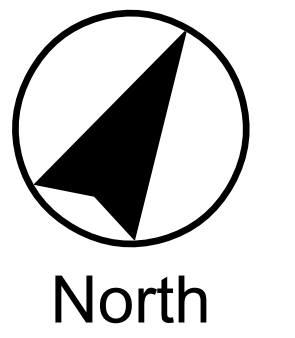
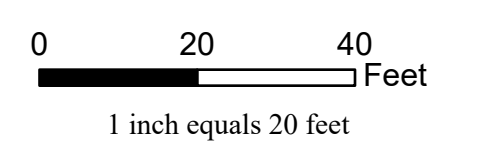
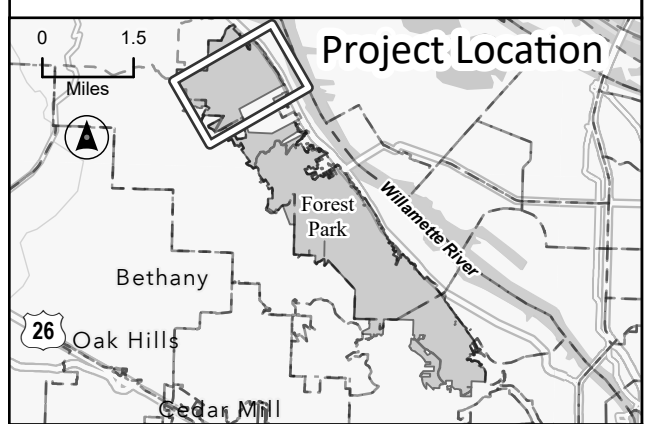
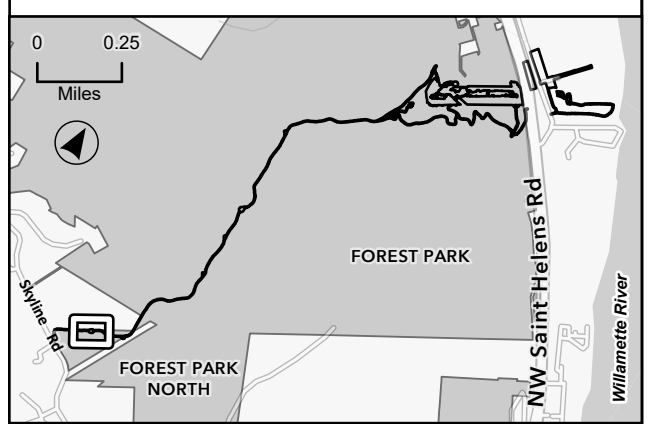
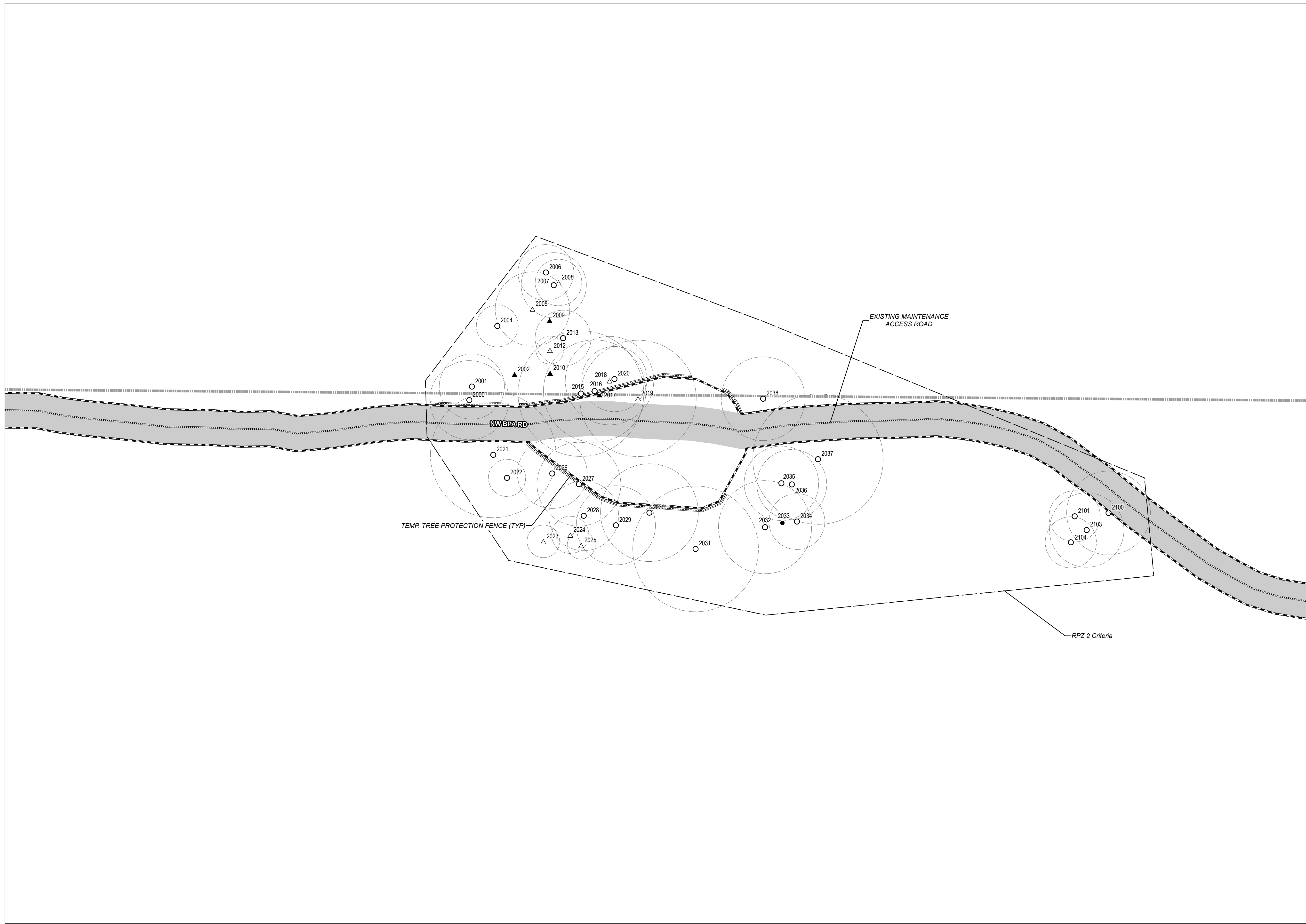
RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

- NOTES:**
1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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MATCHLINE SEE SHEET TP20

MATCHLINE SEE SHEET TP18





Tree Plan
Sheet 20 of 20
TP20

10/28/2024

Legend

Limits of Disturbance

Surveyed Tree Location

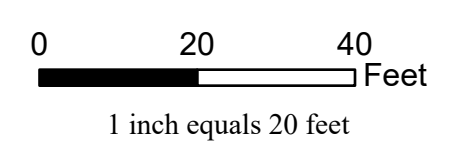
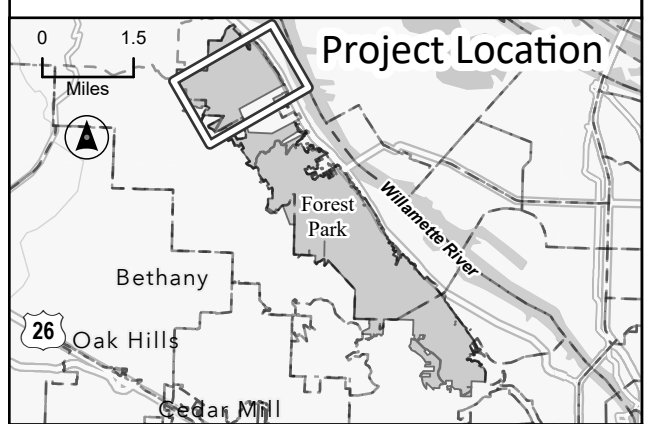
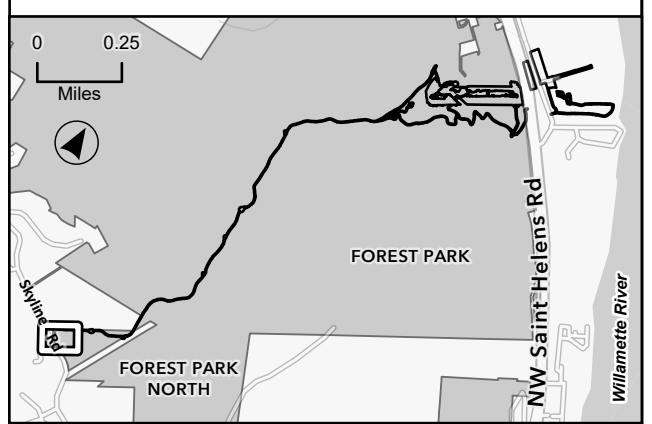
- Existing Deciduous (Living)
- Existing Deciduous (Dead)
- △ Existing Conifer (Living)
- ▲ Existing Conifer (Dead)
- Root Protection Zone
- RPZ Criteria Buffer
- Temporary Tree Protection Fence
- Existing Access Road Centerline
- Edge of Existing Roadway/ Access Road (approximate)
- Wetland/Ordinary High Water (OHW)
- Powerline Corridor
- Forest Park Boundary

RPZ Criteria Buffers
 RPZ -1: Main Impact Area or "No Work Zone" (Appendix A, Fig 8)
 RPZ -2: BPA Road Access (Appendix A, Fig 3-6)
 RPZ -3: Upper Tower Sites (Appendix A, Fig 7)

Trees south of the Harborton Substation do not have an RPZ Criteria Buffer.

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1. Root protection zones for single-stem trees are calculated by DBH x 1-ft. Therefore, a 6-in DBH tree has a root protection zone of 6-ft in diameter. For multi-stemmed trees, see Mitigation Site Plan Details II, SHT. L325. Root protection zones are not shown for dead trees.
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MATCHLINE SEE SHEET TP19



Appendix B (Logging Access Roads/Haul Routes & Equipment Table)



(Fig 1)

Logging Equipment Specifications for Forest Park Logging Operations								
Equipment Type	Manufacturer	Model Number	Max Height (Ft)	Max Width (In)	Max Weight (Tons)	Fuel Type	Tracked/Wheeled	Approximate Number on-site
Excavator	Kobelco	290	24	132	34	Diesel	Tracked	1
Excavator	Doosan	300	24	120	30	Diesel	Tracked	1
Feller	Tiger Cat	855E	20	133	33	Diesel	Tracked	1
Processor	Caterpillar	538	24	138	34	Diesel	Tracked	3
Truck	Kenworth	T800	12	84	23	Diesel	Wheeled	3
Processor	Caterpillar	568	26	144	51	Diesel	Tracked	1
Grinder	Morbark	3000	11	84	24	Diesel	Wheeled	1
Excavator	Doosan	225	18	108	24	Diesel	Tracked	1
Truck	1-ton Pickup	F350	7	75	4	Diesel	Wheeled	8
Truck	Service Truck	F550	7	75	13	Diesel	Wheeled	1
Truck	3/4-ton Pickup	F250	7	75	4	Gas	Wheeled	3
Chainsaws	Stihl	362/462/661	-	-	-	Mix	-	15
Trailer	Chipvan Trailer	-	14	96	37	-	Wheeled	3
Trailer	Log Trailer	-	12	84	40	-	Wheeled	6

(Fig 2)

Appendix C (Wire Zone – Border Zone Concept)

The wire zone – border zone concept is a proven Integrated Vegetation Management (IVM) method that ensures the reliability of electric supply lines while promoting stable, compatible plant communities and improved wildlife habitat on suitable electric utility rights-of-way. This concept delineates the portion of the right-of-way beneath the conductors (wire zone) from the portion on either side (border zone), and prescribes different management strategies for each area.



Figure 1: Wire Zone – Border Zone Concept: This diagram is provided for informational purposes only and is not drawn to scale or intended for use as a specification detail.

Border zone: Portion of electric utility right-of-way on either side of the wire zone and extending to the outer edge of the established right-of-way, selectively managed to include a mix of compatible herbaceous and woody vegetation below a specified height.

Wire zone: Portion of electric utility right-of-way directly beneath electric supply lines and extending outward to a utility-specified distance, managed to promote only low-growing, primarily herbaceous vegetation.

The wire zone – border zone concept requires the use of separate management strategies for the wire zone and border zone, which may not be optimum for all sites. The concept is especially useful in areas where ecological concerns, such as visual impact and wildlife diversity, are a consideration. When properly implemented, use of the wire zone – border zone concept will not affect the reliability of utility facilities. The vegetation manager must determine the suitability of a particular site or right-of-way for management using the wire zone – border zone concept, taking into account topography, fire risk, and other factors.

ANSI A300 (Part 7)

During initial establishment, especially on rights-of-way that have not been regularly maintained, or contain minimal or no compatible vegetation, non-selective methods may be used; however,

the effect of these methods on surrounding landowners and other stakeholders must be carefully considered.

In the border zone, incompatible vegetation is selectively controlled, and compatible vegetation that will not grow above a specified height is conserved. By retaining a greater variety of vegetation types, wildlife habitat is improved, and the visual impact to the right-of-way is softened.

In the wire zone, maintaining low-growing, primarily herbaceous cover allows access to utility infrastructure for inspection, repair, and maintenance, and for inspection of vegetation on and off the right-of-way. In addition, the wire zone is often ideal for wildlife species that prefer a meadow-like habitat.

When wire height is adequate, selected woody vegetation may be incorporated into the wire zone as facilities cross deep valleys, canyons, mountainsides or other similar terrain. Additionally, such vegetation may be retained as buffers for bodies of water, visual screening, or for other specified reasons, as long as vegetation management objectives are met.

Over the long term, the wire zone – border zone concept increasingly makes use of cultural and biological control methods to develop relatively stable plant communities in each zone, thus minimizing the need for other IVM control methods. These plant communities attract and aid in the establishment of stable wildlife populations, which in turn may further enhance biological controls. The wire zone – border zone concept can be implemented in most areas; however, the need for additional control methods, as well as the species of flora and fauna present, will vary depending on local climate and site conditions.

Appendix D (Signage)

INSTRUCTIONS

A Tree Inspection must be requested and approved prior to any ground disturbing activities on site and other inspections. RS or CO permits call 503-823-7300 and use IVR inspection #507. ZP or Field Issuance Remodel permits call 503-823-TREE (8733).

Affix this sign to your root protection fencing using zip or twist ties.

The sign must be placed in a prominent location that, to the greatest extent possible, will allow the sign to be visible from the street.

The sign must remain fixed to the root protection fencing and fencing must remain in place until the final inspection is approved.

Any changes to approved tree protection plan must be reviewed and approved through a revision to the original permit.



CITY OF PORTLAND, OREGON - PORTLAND TREES

Bureau of Development Services • Portland Parks & Recreation

1900 SW Fourth Avenue, Suite 5000 • Portland, Oregon 97201

Phone: 503-823-TREE • www.portlandoregon.gov/trees



TREE ROOT PROTECTION ZONE

Protection method (circle one): **Prescriptive** **Performance (Arborist report)**

The root protection zone fence location and materials as shown on the project site plan have been approved in accordance with Title 11 to protect one or more trees.

Moving or adjusting this fence or illegally encroaching into the approved tree root protection zone is a violation of City of Portland Code Section 11.60.030 – Tree Protection Specifications and subject to enforcement actions per 11.70.090.

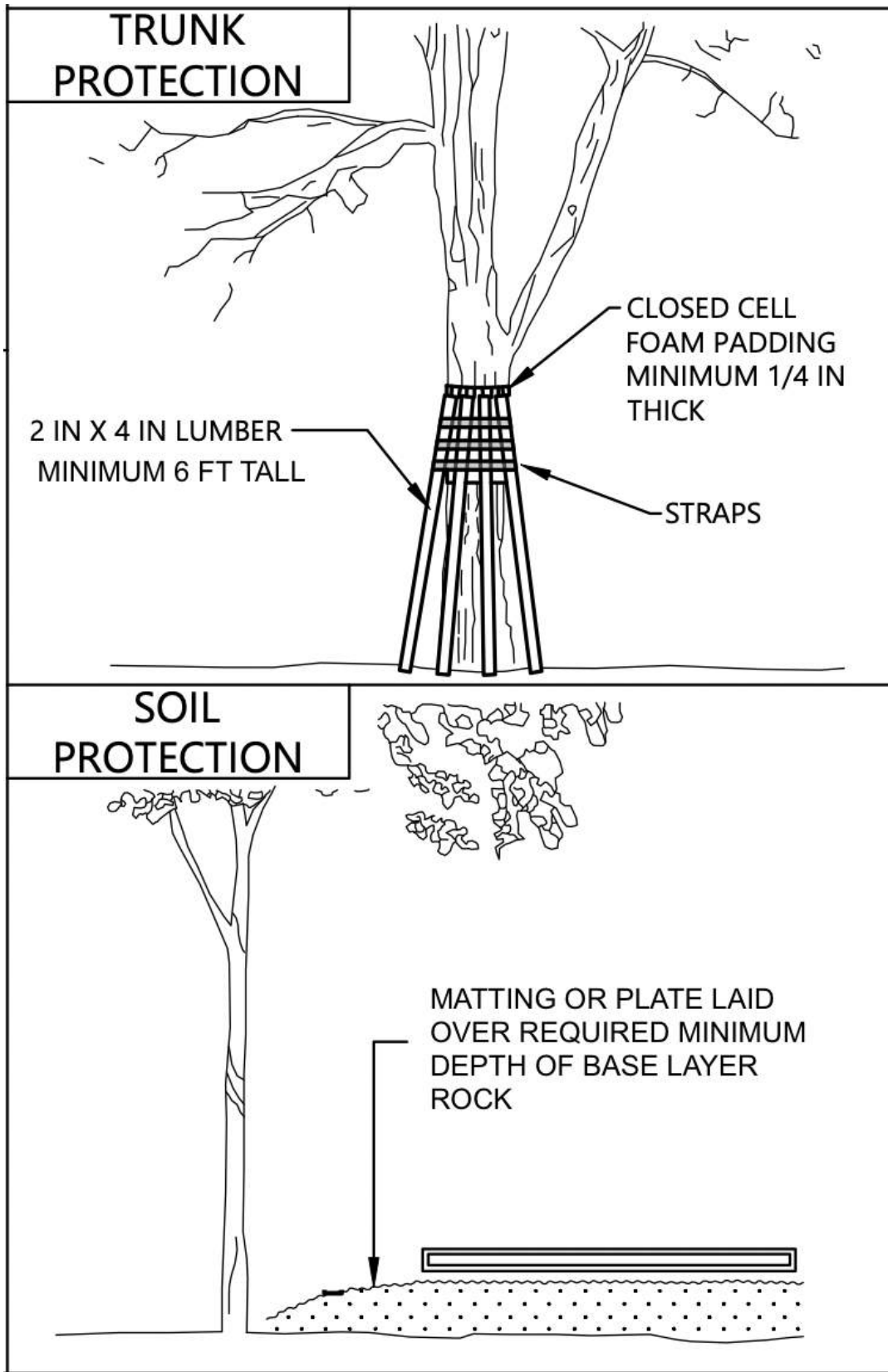
FOR MORE INFORMATION OR TO REPORT A SUSPECTED VIOLATION

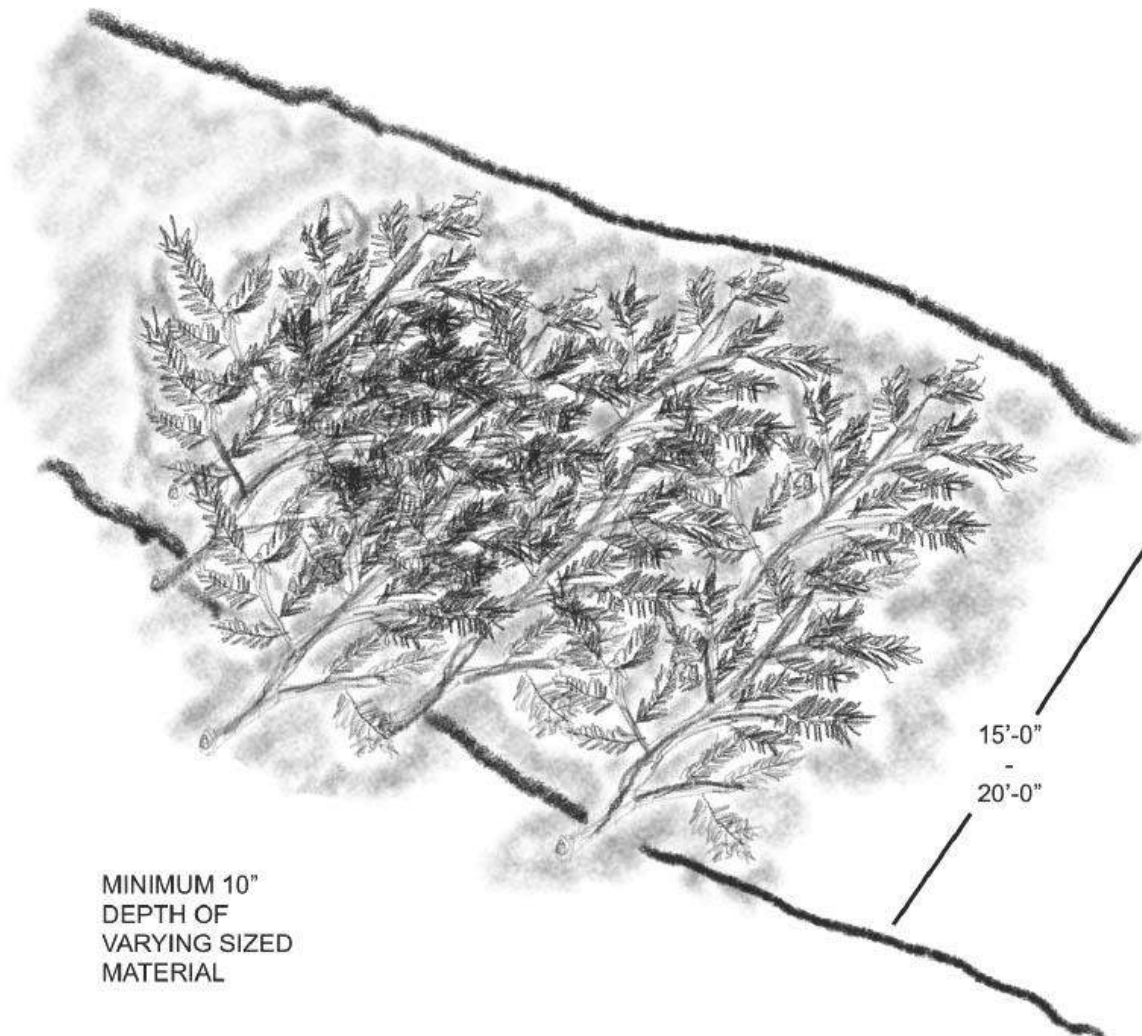
www.portlandoregon.gov/trees

503-823-TREE (8733)

(See important instructions on back)

Appendix F (Tree Protection Specifications)

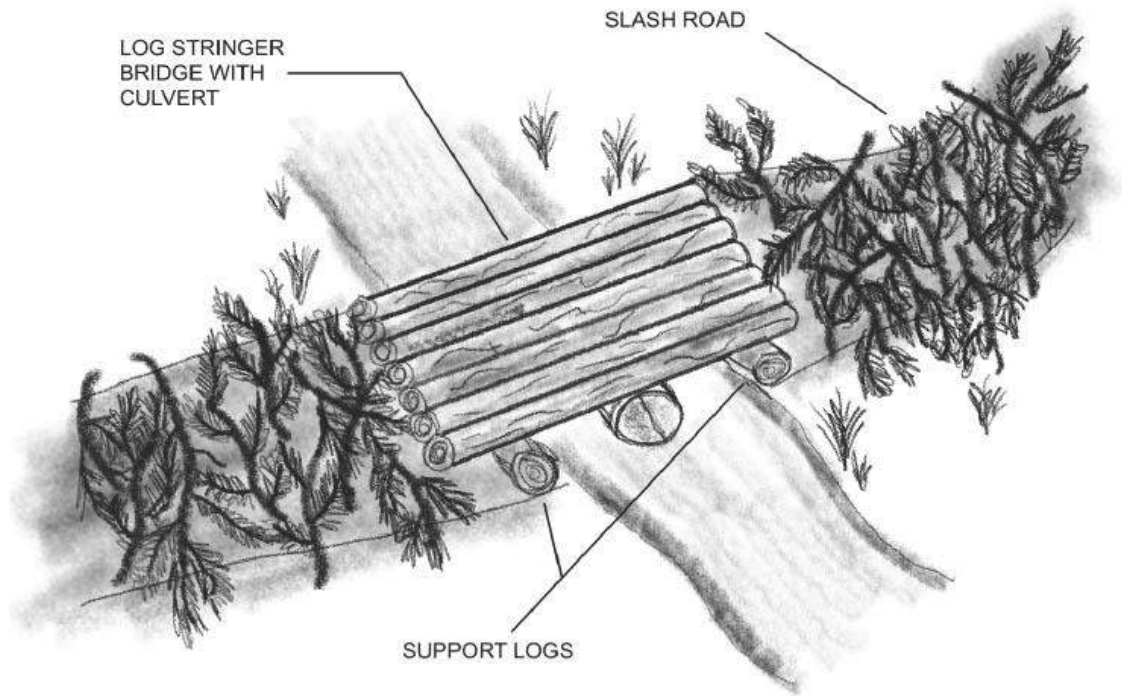




MINIMUM 10"
DEPTH OF
VARYING SIZED
MATERIAL

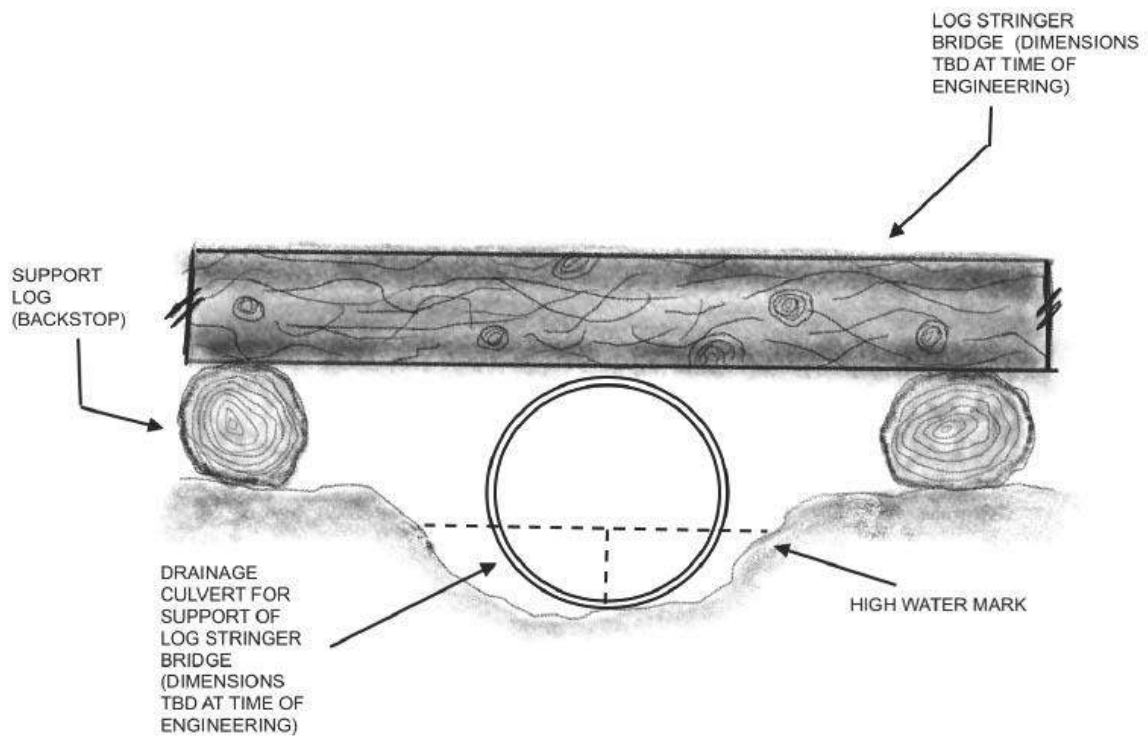
Not to scale

Adapted from USFS Low Volume Roads BMP/Field Guide (G. Kellar, J. Sherar, 2003),
ANSI A300 Part 5, and ISA BMP (Managing Trees During Construction)



Not to scale

Adapted from USFS Std. 961-10-03b, ANSI A300 Part 5,
and ISA BMP (Managing Trees During Construction)



Not to scale

Adapted from USFS Std. 961-10-03b, ANSI A300 Part 5,
and ISA BMP (Managing Trees During Construction)