13. Tree Report

Camas Woods Subdivision
Preliminary Tree Report

Date: November 14, 2024

Prepared For:
Cams Woods, LLC
19120 SE 34th Street, Suite 103
Vancouver, WA 98683
Andy Swanson
(503) 936-8514

Prepared By: Bryce Hanson, Certified Arborist

Site Information:
921 SE Gardner Road
Camas, WA 98607
Parcel #17814-000, 178108-000, 178169-000, 178159-000

AKS ENGINEERING & FORESTRY
9600 NE 126th Avenue, Suite 2520
Vancouver, WA 98682
(360) 882-0419

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CAMAS WOODS SUBDIVISION
CAMAS, WASHINGTON

Location

The project site is located at 921 SE Gardner Road (Parcel Serial No.178159-000, 178169-000, 178108-000, 17814-000) in the City of Camas, Clark County, Washington.

General Site Notes

This Tree Plan consists of a written report with tree density calculations, Site Plan, Tree Protection Plan, and Landscape Plan.

This report is for the net developable area (30.35 acres) of the proposed subdivision. The site contains gentle slopes across much of the site with some steeper slopes in the northeastern portion of the site. There is a small ridge running through the central portion of the site, with the ground sloping northwest and southwest from the ridge. Various trees, under brush, and vegetation is present on site. The proposed 9 phase development will result in 206 single-family residential units, mixed use with 88 apartments an associated roads and other site improvements. Tree protection will be established at the beginning of development and be maintained through the entire length of the development. See Appendix A for additional information regarding the existing trees in the detailed tree inventory table. The site consists of 745 trees over 6 inches in diameter. Due to the planned site development and high potential for extensive root impacts from site grading, 545 on-site trees are proposed for removal & 196 on-site trees are planned for retention.

On-Site Tree Condition

The existing site contains a wide variety of tree conditions due to the existing land uses. A majority of the site was previously managed for timber harvesting and is dominated by young second growth Douglas-fir. The northeastern corner of the site contains a wetland with mature native trees such as Bigleaf Maple, Red Alder, and Douglas-fir. The western portion of the site contains a residential home surrounded by mature conifers and landscape trees. The health and structure of on-site trees range from poor to good based on conditions observed during site visits on December 20 & 21, 2023. Tree removal was recommended based on location, root impact from development activities and higher likelihood of failure due to windthrow. Review of on-site trees was based on the site being fully developed and impacts to future site improvements. Additional review and considerations were made for protecting and preserving the few on-site Oregon White Oaks.

Off-Site Trees

There are several off-site trees that are directly adjacent to the western and southern boundaries of the site. Most off-site trees should be minimally impacted based on the location of where development will happen. All off-site trees will be protected with tree protection measures as further described in this report and on the Preliminary Tree Preservation Plans (Appendix B).

Tree Density Calculations

The total site area is 36.37 acres with 6.02 acres of open space and critical areas, for a net developable site area of 30.35 acres. Per Chapter 18.13.051 of the City of Camas municipal code, the City requires 30 tree units per acre for the North Shore Subarea, or a total of 910.5 tree units (30*30.35 acres) for this site. Table 1 summarizes the tree units required, removed, retained, and proposed for the entire site. All trees, both retained and removed, are detailed on the Preliminary Tree Preservation and Removal Plans found in Appendix B and in the Detailed Tree Inventory found in Appendix A. The proposed trees are detailed within the Tree Planting Plan in Appendix C.

	Net Developable Site Area (Acres)	Tree Units Required	Tree Units Existing	Tree Units Removed	Tree Units Retained	Proposed Tree Units	Total Tree Units
Overall	30.35	910.5	3088	2381	707	259	966

Table 1: Summary of Tree Units

Designing for Tree Preservation

Designing for tree preservation means that trees are considered an important project feature. The goal of tree preservation is to have trees remain safe assets to the site for years to come. Trees that are preserved must be carefully selected to make sure that they will survive the construction impacts, adapt to the new environment, and perform well in the new landscape. An assessment of suitability for preservation evaluates tree health, structure, age, and species factors. The consultant gathers information on the individual trees and makes recommendations as to which trees are suitable for preservation, and how much undisturbed space they will require. The consultant also provides specific guidelines regarding grading, drainage, trenching, protected areas, root pruning, etc.

Tree Characteristics and Their Suitability for Preservation:

Trees vary in their suitability for preservation both based on their inherent characteristics and their future response to construction impacts. Trees that are structurally unstable, in poor health, or are unlikely to survive construction impacts could be a dangerous liability to future neighborhoods. A good tree preservation plan will call for the pre-construction removal of trees likely to die or to become a tree with a higher than acceptable risk of failure after construction. The factors to be evaluated are:

Tree Health-Healthy, vigorous trees are more adaptable than non-vigorous trees to tolerate construction related stresses such as root removal, changes in grade, changes in soil moisture, and soil compaction. These healthy trees are also better able to adapt to the changed site conditions that occur after development.

Tree Structure-Trees with defects such as decayed wood, poor crown structure from past manual "topping" or natural broken tops, and co-dominant trunks with poor attachments are not suitable for preservation in areas where people or property could be injured or damaged. Such defects cannot be treated and may lead to failure.

Species-Although trees require protection to avoid injury, species vary widely in their ability to withstand damage and changes in their environment.

Tree Age-As a tree ages, its capacity to overcome injury, adapt to changes in its site environment, and to resist pests declines. For these reasons, mature and over-mature trees are less adaptable to tolerate construction impacts and remain assets than are young and semi-mature trees. Young vigorous trees are able to generate new tissue and adapt to a new environment better than old trees.

Tree Size/Height-Larger, taller trees are capable of hitting targets a greater distance away from the tree and cause greater damage. Taller trees also provide a larger wind "sail", catching more wind and being more prone to blowing down in a large storm. Coupling this "sail" effect with the structural weakening of root removal/disturbance can lead to a higher than acceptable windthrow risk.

Tree Location-The best candidates for preservation are single trees that developed as individual specimens, as they typically have uniform canopies and well tapered trunks. Trees that grow in groups do not function well as individuals. They often have tall, poorly shaped trunks, irregularly shaped crowns, and are prone to failure and decline when their neighbors are removed.

The arboricultural consultant weighs each of the above factors and makes recommendations as to which trees are likely to thrive and be a long-term asset to the new development, as well as recommendations to remove those trees that will likely have an unacceptable risk of failure and become a liability in the new development.

Guidelines for the Area Required to Preserve a Tree:
In order to preserve a tree, an area around that tree must be protected to ensure that the tree is not physically damaged and that the roots are protected. A method to calculate this area, utilizes the diameter at breast height (DBH), species, and age. The DBH is multiplied by a factor (the factor is based on the tree age and the species tolerance for disturbance) from 0.5 feet radius to 1.5 feet radius (from the trunk-often 1 foot radius per inch DBH is used for an average), and this area is called the "Optimal Tree Protection Zone". The general guidelines for preservation are that you do not want to disturb more than 1/3 of this area, but that with healthy vigorous trees, up to 50% of the area could be disturbed. In addition to these percentages, excavation should not take place within 10 feet of the base of a tree to avoid the loss of structural roots.

How to Preserve Trees During Construction:
The portion of the "Optimal Tree Protection Zone" that is being protected must be fenced off (with a "substantial" fence). Within this area, no soil disturbance, including stripping is permitted. The natural grade is to be maintained, and no storage or dumping of materials, parking, etc. will be allowed within this zone without the approval of the arboricultural consultant. This tree protection fence should remain in place through the construction of the dwellings.

Excavation Within the "Optimal Tree Protection Zone":
Where there is excavation proposed within an "Optimal Tree Protection Zone" (outside of the protected zone fenced off above), it will be important for the contractor to prune the roots along the excavation lines. These roots should be pruned in the following manner:

- Excavation in the top 24" of the soil in the critical root zone area should begin at the excavation line that is closest to the tree.
- The excavation should be done by hand/shovel or with a backhoe and a man with a shovel, pruning shears and a pruning saw.
- If done by hand all roots 1" or larger should be pruned at the excavation line.
- If done with a backhoe (most likely scenario) then the operator needs to start the cut at the excavation line and carefully "feel" for roots/resistance. When there is resistance, the man with the shovel hand digs around the roots and prunes the roots larger than 1" diameter.
- The backhoe is to remain off of the tree roots to be saved at all times.
- The work will be done under the supervision of the Project Consulting Arborist.

The above system works well and can be done quickly. The key is to avoid pulling on the roots larger than 1" diameter, potentially resulting in damage to roots between the excavation line and the tree.

How Trees Die:
Natural tree death is frequently a slow and complex process generally with a gradual decline involving a number of factors. Most trees die from one of three causes: (1) structural failure, (2) environmental degradation, or (3) pest infestation. Generally, trees die from a combination of factors. Trees weakened by changes in their

environment (such as construction impacts) become more susceptible to infestation by disease and insects. Most individual trees survive for only a fraction of the potential lifespan of the species. Soil compaction, changes in grade, mechanical injury, changes in the environment around the tree, and changes in drainage may not kill the tree themselves, but they may weaken the tree to a point that death occurs by another cause. Prevention of stress and the maintenance of health are the key elements of tree longevity.

What is "Tree Topping" and How Does It Damage a Tree?
Tree Topping is a pruning technique to reduce the height by cutting the central leader. This method of pruning is very detrimental to trees and not considered a good practice. Trees are generally topped by unknowledgeable pruners in order to lower the height of the tree and minimize the chance of windthrow by reducing the tree's wind profile. The large stub of a topped tree has a difficult time forming callus over the wound. The terminal location of these cuts, as well as their large diameter, prevents the tree's chemically based natural defense system from doing its job. The stubs are highly vulnerable to both insect invasion and the spores of decay fungi. If decay is already present, topping will speed the spread of the disease. The tree reacts to the topping cut by producing multiple shoots below the cut. These shoots develop from buds near the surface of the topping cut. Unlike normal branches that develop in a socket of overlapping wood tissues, these new shoots are anchored only in the outermost layers of the bole. These new shoots grow quickly, and are prone to breaking, especially during windy conditions. For all of these reasons, trees that have been topped pose a danger to life and safety and are recommended for removal.

Development Impacts Affecting Preserved Trees:
Construction of the site improvements generally consists of cut and fills (grading), construction of retaining walls, trenching for the wet and dry utilities, coring of roads and placement of aggregate and pavement. During this work, adjacent soil areas outside of the grading can be compacted by heavy equipment driving over it. The grading and placement of utility trenches (and subsequent pipe bedding), and retaining walls can also affect the local water table.

Construction of the buildings and landscaping requires foundation placement, pruning of trees near the buildings under construction, and the installation of lawn irrigation systems. During this work, adjacent soil areas outside of the work area can be compacted by equipment driving over it.

Impacts during development may require the removal of additional trees shown to be preserved on the Tree Protection Plan (Appendix B).

Future Condition of Trees on the Site:
The characteristics of the individual tree are a guide to how well that tree will respond to site disturbance. Larger trees have correspondingly larger root zones. Older trees are less resilient to disturbance. Unhealthy trees are less resilient to disturbance than healthy trees.

Development of this site will result in a large area of disturbance. The disturbance to the on-site trees will occur during the site grading. The trees planned for retention are relatively healthy, but proper protection methods should be followed per this document to provide the greatest opportunity for survival following development.

Windthrow Potential

The trees on-site have been evaluated for windthrow based on factors including, but not limited to soil conditions, tree health, tree structure, prevailing wind direction, and past evidence of wind damage.

Windthrow is defined as full tree failure in the form of trunk breakage or root ball overturning. It should be understood that proposed retained trees are still susceptible to partial tree failure from wind exposure. Refer to the tree inventory table in Appendix A for specific tree conditions at risk of single part failure and recommendations for risk reduction as well as a windthrow rating. A windthrow rating of A, B or C was assigned to each tree that was evaluated; with A being the least windthrow resistant, B being more windthrow resistant than A, and C being the most windthrow resistant. The trees planned for retention have been selected because of their good taper, overall structure, health, and location to site impacts. Existing wind conditions of the site are relatively high with prevailing winds coming from the south and southwest. The windthrow potential of the site, post construction, should remain similar to the existing site conditions.

Soils

Soils on-site are comprised of Hesson Clay Loam with slopes ranging from 0 to 8 percent and Washougal Gravelly Loam with slopes ranging from 8 to 30 percent. These soils are described as deep, well-drained soils per the USDA Natural Resources Conservation Service's Web Soil Survey.

Tree Protection Plan

See the plans found in Appendix B.

Planting Plan

206 street trees and 53 site trees are proposed to be planted to meet landscape requirements. This results in a total of 259 trees being planted, which, when added to the 707 tree units being retained, results in 966 tree units and meets the tree density requirement of 910.5 tree units. If later determined necessary, Per Section 18.13.050 of Chapter 18 of the City of Camas Municipal Code, replacement trees shall optimize tree diversity by including a minimum of 60% native species and at least 50% evergreen. For this site, the required deciduous tree needs to be 2" or greater while a conifer tree needs to be a minimum of 5' tall. See Appendix C for the Tree Planting Plan.

Hazard Assessment

Hazard assessment of on-site trees was not performed for each tree during the initial arborist site assessment. However, general hazards may have been identified and reported in the Tree Inventory Table (Appendix A) as they were encountered during the site visit. Once development activities are complete, a hazard assessment is recommended on retained trees to review previously unseen defects or damages done to retained trees during land clearing and development activities. At that time, additional tree removal may be necessary for hazard abatement. If additional tree removal is necessary, an analysis will be submitted to the city to show that code will be met with any additional tree removal.

Conclusion

The development of the 30.35-acre site proposes to remove 545 on-site trees. Of the existing trees, 196 will be retained. 259 trees will be planted to meet landscape requirements. This tree report is only for the overall site development activities and tree protection measures outlined on the Tree Preservation Plan and for the protection of the existing trees from the overall proposed development. This does not include the construction of building foundations for each lot. This project reserves the right to remove additional trees, as deemed necessary/recommended by the Project Certified Arborist, for hazard abatement purposes. This cannot be evaluated until after construction as previously discussed and noted in the plans. The city will be notified of such removals and will be consulted with if a significant number of trees are recommended for removal post-construction.

Arborist Disclosure Statement

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the health of trees, and attempt to reduce the risk of living near trees. The Client and Jurisdiction may choose to accept or disregard the recommendations of the arborist, or seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. 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. Likewise, remedial treatments, like medicine, cannot be guaranteed.

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 risk associated with trees is to eliminate all trees.

BRYCE D. HANSON
CERTIFICATE NUMBER: PN 7554A
EXPIRATION DATE: 06/30/25

Bryce D Hanson

Appendix A: Detailed Tree Inventory Table

Detailed Tree Inventory for Camas Woods

AKS Job No. 8397 - Evaluation Date: 12/20/2023-12-21/2023 - Evaluated By: BRK

Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
10050	13	Bigleaf Maple (Acer macrophyllum)	3		C	Impacts from public road construction	0
10051	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from sidewalk and curb construction	0
10052	13	Douglas-fir (Pseudotsuga menziesii)	3	Codominant with included bark	B	Impacts from lot grading	0
10064	15	Bigleaf Maple (Acer macrophyllum)	4		C	Impacts from public road construction	0
10065	12	Willow (Salix spp.)	2		C	Impacts from public road construction	0
10070	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
10078	15	Bigleaf Maple (Acer macrophyllum)	4		C	Impacts from sidewalk and curb construction	0
10079	17	Bigleaf Maple (Acer macrophyllum)	5		C	Impacts from sidewalk and curb construction	0
10109	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
10110	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from public road construction	0
10143	14	Oregon White Oak (Quercus garryana)	3		C	Preserve	3
10146	12	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from lot grading	0
10164	12	Willow (Salix spp.)	2	Small cavities with decay; Dead and broken branches	B	Impacts from lot grading	0
10165	12	Willow (Salix spp.)	2	Small cavities with decay; Dead and broken branches	B	Impacts from lot grading	0
10166	13	Willow (Salix spp.)	3	Small cavities with decay; Dead and broken branches	B	Impacts from lot grading	0
10167	17	Oregon White Oak (Quercus garryana)	5	Broken leader at top; Decay	B	Impacts from lot grading	0
10175	14	Bigleaf Maple (Acer macrophyllum)	3		C	Impacts from lot grading	0
10509	20	Bigleaf Maple (Acer macrophyllum)	6	Codominant with included bark	B	Impacts from lot grading	0
10510	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Preserve	5
10511	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Preserve	10
10512	33	Douglas-fir (Pseudotsuga menziesii)	13		C	Preserve	13
10513	14	Bigleaf Maple (Acer macrophyllum)	3		C	Preserve	3
10514	25	Bigleaf Maple (Acer macrophyllum)	9		C	Impacts from lot grading	0
10515	13	Apple (Malus domestica)	3	Sapsucker bore holes; Pruned limbs	B	Impacts from lot grading	0
10560	15	Sweet Cherry (Prunus avium)	4	50% Ivy coverage; 1-sided canopy (N)	B	Impacts from site grading	0
10562	16	Bigleaf Maple (Acer macrophyllum)	4		C	Impacts from site grading	0
10689	14,14,12,8,8,8	Red Alder (Alnus rubra)	10	LINE TREE; Dead tops	A	Preserve	10
10696	12	Willow (Salix spp.)	0	OFFSITE; Codominant with included bark	B	Preserve	0
10709	26,16,13	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; Several cavities with decay; Dead tops	A	Preserve	0
10864	16	Black Locust (Robinia pseudoacacia)	4		C	Impacts from lot grading	0
10865	12	Black Locust (Robinia pseudoacacia)	2	Codominant with included bark	B	Impacts from lot grading	0
10877	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
10878	35	Bigleaf Maple (Acer macrophyllum)	14	Codominant with included bark; Dead branches	B	Impacts from lot grading	0
10879	40	Douglas-fir (Pseudotsuga menziesii)	16	Codominant top	B	Impacts from lot grading	0
10882	55	Douglas-fir (Pseudotsuga menziesii)	23.5	Codominant top	B	Impacts from lot grading	0
10887	11	Oregon White Oak (Quercus garryana)	2		C	Impacts from lot grading	0
10957	13	Blue Spruce (Picea pungens)	3		C	Impacts from lot grading	0
10958	14	Blue Spruce (Picea pungens)	3	Codominant stems	B	Impacts from lot grading	0
10959	11	Blue Spruce (Picea pungens)	2	Codominant top	B	Impacts from lot grading	0
10960	12	Bigleaf Maple (Acer macrophyllum)	2		C	Impacts from lot grading	0
10961	19	Bigleaf Maple (Acer macrophyllum)	6		C	Impacts from lot grading	0
10962	18	Blue Spruce (Picea pungens)	5	Codominant top	B	Impacts from lot grading	0
10963	14	Blue Spruce (Picea pungens)	3		B	Impacts from lot grading	0
10964	55	Redwood (Sequoia sempervirens)	23.5		C	Impacts from public road construction	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
10965	45	Redwood (Sequoia sempervirens)	19	Codominant with included bark	B	Impacts from public road construction	0
10966	35	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
10967	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from lot grading	0
10968	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from lot grading	0
10969	16	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from lot grading	0
10970	36	Sweet Cherry (Prunus avium)	14	Failed primary stem; Significant Decay	A	Impacts from lot grading	0
10974	16	Grand Fir (Abies grandis)	4		C	Impacts from lot grading	0
10975	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from public road construction	0
11029	16	Blue Spruce (Picea pungens)	4		C	Impacts from lot grading	0
11048	16	Western Redcedar (Thuja plicata)	4		C	Impacts from lot grading	0
11049	8	Western Redcedar (Thuja plicata)	2		C	Impacts from lot grading	0
11050	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from lot grading	0
11051	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from lot grading	0
11052	31	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from lot grading	0
11053	45	Douglas-fir (Pseudotsuga menziesii)	19		C	Impacts from lot grading	0
11054	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Preserve	11
11055	26	Douglas-fir (Pseudotsuga menziesii)	9		C	Preserve	9
11056	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Preserve	6
11057	48	Grand Fir (Abies grandis)	20		C	Preserve	20
11058	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Preserve	4
11059	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Preserve	6
11060	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Preserve	12
11061	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Preserve	16
11062	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Preserve	14
11063	17	Bigleaf Maple (Acer macrophyllum)	5		C	Preserve	5
11064	22	Bigleaf Maple (Acer macrophyllum)	7	Sluffing bark; Dead top; codominant with included bark	A	Hazard tree	0
11065	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Preserve	16
11066	43	Douglas-fir (Pseudotsuga menziesii)	18		C	Preserve	18
11067	33	Douglas-fir (Pseudotsuga menziesii)	13		C	Preserve	13
11068	34	Douglas-fir (Pseudotsuga menziesii)	13		C	Preserve	13
11069	38	Douglas-fir (Pseudotsuga menziesii)	15		C	Preserve	15
11070	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from site grading	0
11071	30	Douglas-fir (Pseudotsuga menziesii)	11	Codominant top	B	Impacts from lot grading	0
11072	42	Bigleaf Maple (Acer macrophyllum)	17	Codominant with included bark	B	Impacts from lot grading	0
11073	47	Douglas-fir (Pseudotsuga menziesii)	20		C	Impacts from sidewalk and curb construction	0
11075	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11076	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from sidewalk and curb construction	0
11077	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from lot grading	0
11078	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from sidewalk and curb construction	0
11079	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from public road construction	0
11080	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from sidewalk and curb construction	0
11081	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from sidewalk and curb construction	0
11082	32	Douglas-fir (Pseudotsuga menziesii)	12	Codominant top	B	Impacts from lot grading	0
11083	33	Douglas-fir (Pseudotsuga menziesii)	13		C	Impacts from lot grading	0
11084	44	Douglas-fir (Pseudotsuga menziesii)	18		C	Impacts from lot grading	0

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11085	45	Douglas-fir (Pseudotsuga menziesii)	19		C	Impacts from lot grading	0
11086	22	European White Birch (Betula pendula)	7	Dead top; In decline	A	Impacts from lot grading	0
11087	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11088	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from lot grading	0
11089	19	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from sidewalk and curb construction	0
11090	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from sidewalk and curb construction	0
11091	19	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from sidewalk and curb construction	0
11092	26	Douglas-fir (Pseudotsuga menziesii)	9		C	Impacts from sidewalk and curb construction	0
11093	26	Douglas-fir (Pseudotsuga menziesii)	9		C	Impacts from lot grading	0
11094	32	Douglas-fir (Pseudotsuga menziesii)	12	Codominant with included bark	B	Impacts from lot grading	0
11095	20	Bigleaf Maple (Acer macrophyllum)	6		C	Impacts from lot grading	0
11096	36	Bigleaf Maple (Acer macrophyllum)	14	Large broken limbs	B	Impacts from lot grading	0
11097	12	Bigleaf Maple (Acer macrophyllum)	2	High canopy	C	Impacts from lot grading	0
11098	23	Bigleaf Maple (Acer macrophyllum)	8		C	Impacts from lot grading	0
11099	20	Bigleaf Maple (Acer macrophyllum)	6	Dead	A	Impacts from lot grading	0
11100	16	Bigleaf Maple (Acer macrophyllum)	4	Dead	A	Impacts from lot grading	0
11101	15	Bigleaf Maple (Acer macrophyllum)	4	High canopy; Broken limbs	B	Impacts from lot grading	0
11102	38	Bigleaf Maple (Acer macrophyllum)	15	Dead top; 1-sided canopy (W)	A	Impacts from lot grading	0
11103	27	Bigleaf Maple (Acer macrophyllum)	10		C	Impacts from lot grading	0
11105	46,24	Douglas-fir (Pseudotsuga menziesii)	21.5		C	Impacts from public road construction	0
11107	48	Douglas-fir (Pseudotsuga menziesii)	20	Deformed top	B	Impacts from public road construction	0
11113	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from public road construction	0
11114	16	English Walnut (Juglans regia)	4	Large failed limbs; Cavities	B	Impacts from public road construction	0
11210	36	Douglas-fir (Pseudotsuga menziesii)	14	Abnormal dead branches; Poor wound wood	B	Impacts from lot grading	0
11211	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11212	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Impacts from lot grading	0
11213	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from lot grading	0
11214	47	Douglas-fir (Pseudotsuga menziesii)	20	Dead (~60')	A	Impacts from lot grading	0
11215	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11216	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from lot grading	0
11218	42,12	Douglas-fir (Pseudotsuga menziesii)	18		C	Impacts from lot grading	0
11219	26	Douglas-fir (Pseudotsuga menziesii)	9		C	Impacts from sidewalk and curb construction	0
11220	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from public road construction	0
11221	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from public road construction	0
11222	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Impacts from sidewalk and curb construction	0
11223	38	Bigleaf Maple (Acer macrophyllum)	15	large broken limbs	C	Impacts from public road construction	0
11224	26	Douglas-fir (Pseudotsuga menziesii)	9		C	Impacts from sidewalk and curb construction	0
11225	34	Douglas-fir (Pseudotsuga menziesii)	13	Codominant top	B	Impacts from sidewalk and curb construction	0
11226	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from sidewalk and curb construction	0
11227	44	Douglas-fir (Pseudotsuga menziesii)	18	Codominant top	B	Impacts from public road construction	0
11228	42	Douglas-fir (Pseudotsuga menziesii)	17	Codominant top	B	Impacts from public road construction	0
11229	50	Bigleaf Maple (Acer macrophyllum)	21		C	Impacts from public road construction	0
11230	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Impacts from public road construction	0
11231	54	Black Cottonwood (Populus trichocarpa)	23	50% Ivy coverage	C	Impacts from lot grading	0
11232	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Impacts from lot grading	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
11233	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from sidewalk and curb construction	0
11234	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from sidewalk and curb construction	0
11235	13	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE; Codominant top; High canopy	B	Preserve	0
11236	16	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE; Codominant top; High canopy	B	Preserve	0
11237	18	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; Broken top on one codominant stem; Lean (S)	B	Preserve	0
11238	12	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
11239	17	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
11240	13	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
11241	38	Douglas-fir (Pseudotsuga menziesii)	15		C	Impacts from lot grading	0
11242	38	Douglas-fir (Pseudotsuga menziesii)	15		C	Impacts from sidewalk and curb construction	0
11243	20	European White Birch (Betula pendula)	6	Dead top; In decline	A	Impacts from public road construction	0
11244	18	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
11245	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11246	40	Douglas-fir (Pseudotsuga menziesii)	16		C	Impacts from sidewalk and curb construction	0
11247	22	Douglas-fir (Pseudotsuga menziesii)	7		C	Preserve	7
11248	18	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
11249	22	Douglas-fir (Pseudotsuga menziesii)	7		C	Impacts from lot grading	0
11250	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from lot grading	0
11251	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from lot grading	0
11252	36	Douglas-fir (Pseudotsuga menziesii)	14		C	Impacts from lot grading	0
11253	24	Douglas-fir (Pseudotsuga menziesii)	8		C	Impacts from lot grading	0
11255	14	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11256	20	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11257	18	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11261	21	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11262	18	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11263	21	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11264	21	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11265	22	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11266	20	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11267	21	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11268	20	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11269	23	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11270	18	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11271	21	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11273	18	Western Redcedar (Thuja plicata)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11424	32	Douglas-fir (Pseudotsuga menziesii)	12		C	Impacts from sidewalk and curb construction	0
11425	29	Bigleaf Maple (Acer macrophyllum)	11		C	Impacts from sidewalk and curb construction	0
11426	22	Bigleaf Maple (Acer macrophyllum)	7		C	Impacts from sidewalk and curb construction	0
11427	14	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
11430	13	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
11432	20	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; Dead; Broken @ 6'	A	Preserve	0
11433	12	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; Broken tops	A	Preserve	0
11434	16	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; 1-sided canopy (S)	C	Preserve	0
11435	13	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; 1-sided canopy (S)	C	Preserve	0

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11438	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
11442	13	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; 1-sided canopy (S); Learge cavity with decay	B	Preserve	0
11443	16	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE; 1-sided canopy (S)	C	Preserve	0
11492	34	Bigleaf Maple (Acer macrophyllum)	13	Large hollow with decay	B	Impacts from lot grading	0
11495	10	Bigleaf Maple (Acer macrophyllum)	2		C	Impacts from lot grading	0
11496	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from lot grading	0
11545	9	Port Orford Cedar (Chamaecyparis lawsoniana)	2	Low vigor	B	Impacts from lot grading	0
11618	12	Ponderosa Pine (Pinus ponderosa)	2		C	Preserve	2
11627	48	Douglas-fir (Pseudotsuga menziesii)	20		C	Impacts from lot grading	0
11653	14	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11655	14	Oregon Ash (Fraxinus latifolia)	3		C	Impacts from site grading	0
11657	13	Oregon Ash (Fraxinus latifolia)	3		C	Impacts from site grading	0
11677	9	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from site grading	0
11678	7	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from site grading	0
11679	6	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from site grading	0
11681	13	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE; Evaluated from behind a fence	C	Preserve	0
11693	12	Black Cottonwood (Populus trichocarpa)	2		C	Preserve	2
11694	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11695	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
11696	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
11697	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11698	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11699	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
11700	13	Red Alder (Alnus rubra)	3		C	Preserve	3
11701	8	Red Alder (Alnus rubra)	2		C	Preserve	2
11702	8	Red Alder (Alnus rubra)	2	Lean (E)	B	Preserve	2
11720	7,8	Red Alder (Alnus rubra)	2		C	Preserve	2
11725	6	English Hawthorn (Crataegus monogyna)	2		C	Preserve	2
11726	8	Red Alder (Alnus rubra)	2		C	Preserve	2
11727	8	Red Alder (Alnus rubra)	2		C	Preserve	2
11728	7	Red Alder (Alnus rubra)	2		C	Preserve	2
11729	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
11730	10	Red Alder (Alnus rubra)	2	Dead top	A	Preserve	2
11731	19	Douglas-fir (Pseudotsuga menziesii)	6		C	Preserve	6
11732	6	Red Alder (Alnus rubra)	2		C	Preserve	2
11733	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11734	10,10	Willow (Salix spp.)	3		C	Preserve	3
11736	6	Willow (Salix spp.)	2		C	Preserve	2
11737	41	Douglas-fir (Pseudotsuga menziesii)	17		C	Preserve	17
11738	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11739	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11740	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11741	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11742	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11747	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2

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11748	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11749	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11750	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11751	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11752	13,13	Douglas-fir (Pseudotsuga menziesii)	5	Codominant base with included bark	B	Preserve	5
11754	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11755	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11756	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11757	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11758	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11759	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11760	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11761	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11762	31	Douglas-fir (Pseudotsuga menziesii)	12	Codominant top	B	Preserve	12
11763	38	Douglas-fir (Pseudotsuga menziesii)	15		C	Preserve	15
11773	11	Willow (Salix spp.)	2		C	Preserve	2
11774	7	Willow (Salix spp.)	2		C	Preserve	2
11775	29	Douglas-fir (Pseudotsuga menziesii)	11		C	Preserve	11
11776	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11830	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11836	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
11837	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11838	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11842	34	Douglas-fir (Pseudotsuga menziesii)	13		C	Preserve	13
11843	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Preserve	11
11844	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11845	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11846	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11848	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11851	6	English Hawthorn (Crataegus monogyna)	2		C	Preserve	2
11852	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11854	9	Bigleaf Maple (Acer macrophyllum)	2		C	Preserve	2
11856	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11857	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11860	6	English Hawthorn (Crataegus monogyna)	2		C	Impacts from site grading	0
11861	6	Red Alder (Alnus rubra)	2		C	Impacts from site grading	0
11866	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11867	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11868	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11869	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11870	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11871	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11872	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11873	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from site grading	0
11875	16	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from site grading	0

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11876	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11877	17	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from site grading	0
11878	6	Willow (Salix spp.)	2		C	Impacts from site grading	0
11884	11	Bitter Cherry (Prunus emarginata)	2		C	Impacts from site grading	0
11885	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11886	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11887	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11889	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11890	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
11892	6,7	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from site grading	0
11894	6,7	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from site grading	0
11897	16	Willow (Salix spp.)	4		C	Impacts from site grading	0
11925	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from site grading	0
11926	11	Willow (Salix spp.)	2		C	Impacts from site grading	0
11927	6	Bitter Cherry (Prunus emarginata)	2		C	Impacts from lot grading	0
11929	9,10,9,12	Willow (Salix spp.)	6		C	Impacts from lot grading	0
11931	9	Willow (Salix spp.)	2	Dead; Broken @ ~5'	A	Impacts from lot grading	0
11933	10,6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
11935	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11936	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
11937	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
11938	6	Red Alder (Alnus rubra)	2	Codominant with included bark; Abnormal dead branches	B	Impacts from site grading	0
11963	24	Bigleaf Maple (Acer macrophyllum)	8	Large cavity in base with deadwood; Large broken limbs	A	Impacts from lot grading	0
11970	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
11974	14,16	Red Alder (Alnus rubra)	7	Dead (~30')	A	Impacts from lot grading	0
11977	19	Red Alder (Alnus rubra)	6	Dead; Broken @ ~20'	A	Impacts from public road construction	0
11982	18	Red Alder (Alnus rubra)	5	Primary stem with some remaining limbs	A	Impacts from lot grading	0
11989	10	Red Alder (Alnus rubra)	2		C	Impacts from sidewalk and curb construction	0
11990	8	Red Alder (Alnus rubra)	2		C	Impacts from sidewalk and curb construction	0
11991	6	Red Alder (Alnus rubra)	2		C	Impacts from sidewalk and curb construction	0
11992	6	Red Alder (Alnus rubra)	2	Dead Top	A	Impacts from sidewalk and curb construction	0
11993	8,7	Willow (Salix spp.)	2	Large cavities with decay; Insect frass	B	Impacts from sidewalk and curb construction	0
11995	6	Bitter Cherry (Prunus emarginata)	2		C	Impacts from lot grading	0
11996	6	Willow (Salix spp.)	2		C	Impacts from lot grading	0
11997	7	Red Alder (Alnus rubra)	2	Dead	A	Impacts from lot grading	0
11998	12	Douglas-fir (Pseudotsuga menziesii)	2	Sweep	C	Impacts from lot grading	0
11999	30	Douglas-fir (Pseudotsuga menziesii)	11		C	Impacts from lot grading	0
12005	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
12006	8,8	Red Alder (Alnus rubra)	2	Codominant base with included bark	B	Impacts from site grading	0
12028	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
12029	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
12030	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
12031	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
12032	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
12033	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from site grading	0

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12035	7	Willow (Salix spp.)	2		C	Impacts from site grading	0
12036	11	Willow (Salix spp.)	2	Dead	A	Impacts from lot grading	0
12037	9	Red Alder (Alnus rubra)	2	Tree fallen on top	B	Impacts from lot grading	0
12038	10	Red Alder (Alnus rubra)	2	Tree fallen on top	B	Impacts from lot grading	0
12039	6,8,8	Willow (Salix spp.)	3	Dead; Failed (N)	A	Impacts from lot grading	0
12042	7	English Hawthorn (Crataegus monogyna)	2		C	Impacts from lot grading	0
12045	12	Red Alder (Alnus rubra)	2		C	Impacts from lot grading	0
12046	6	Red Alder (Alnus rubra)	2		C	Impacts from lot grading	0
12047	7	Red Alder (Alnus rubra)	2		C	Impacts from lot grading	0
12048	7	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from lot grading	0
12049	6	Bitter Cherry (Prunus emarginata)	2		C	Impacts from lot grading	0
12050	6	Bitter Cherry (Prunus emarginata)	2		C	Impacts from lot grading	0
12051	7	English Hawthorn (Crataegus monogyna)	2		C	Impacts from lot grading	0
12063	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
12068	10	Willow (Salix spp.)	2	Abnormal dead branches	B	Impacts from public road construction	0
12070	12,11,6	Willow (Salix spp.)	5	2 stems broken @ ~5'; In decline	A	Impacts from lot grading	0
12099	24	Douglas-fir (Pseudotsuga menziesii)	8			Impacts from lot grading	0
12100	7	Bitter Cherry (Prunus emarginata)	2	Dead top half	A	Impacts from lot grading	0
12101	32	Douglas-fir (Pseudotsuga menziesii)	12	Codominant top	B	Impacts from lot grading	0
12102	7	Willow (Salix spp.)	2		C	Impacts from lot grading	0
12104	8	Sweet Cherry (Prunus avium)	2	1-sided canopy (N)	C	Impacts from lot grading	0
12105	8	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12106	8	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12107	6	English Hawthorn (Crataegus monogyna)	2	Dead (~20')	A	Impacts from lot grading	0
12108	10,10	Sweet Cherry (Prunus avium)	3	Codominant base with included bark	B	Impacts from lot grading	0
12110	7	Sweet Cherry (Prunus avium)	2	Broken at very top	B	Impacts from lot grading	0
12111	7	Willow (Salix spp.)	2	Dead (~10')	A	Impacts from lot grading	0
12112	7	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12113	9	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12114	6	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12115	7	Sweet Cherry (Prunus avium)	2	Broken top half	A	Impacts from lot grading	0
12116	7	Sweet Cherry (Prunus avium)	2	Broken top half	A	Impacts from lot grading	0
12117	7	Sweet Cherry (Prunus avium)	2	Broken top half	A	Impacts from lot grading	0
12118	7	Sweet Cherry (Prunus avium)	2	Broken top half	A	Impacts from lot grading	0
12119	6	Oregon Ash (Fraxinus latifolia)	2		C	Impacts from lot grading	0
12121	6	Sweet Cherry (Prunus avium)	2	Lean (W)	B	Impacts from lot grading	0
12122	6	Sweet Cherry (Prunus avium)	2	Lean (W)	B	Impacts from lot grading	0
12123	6	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12124	7	Sweet Cherry (Prunus avium)	2	Broken top	A	Impacts from lot grading	0
12125	9,6,6	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12128	8	Sweet Cherry (Prunus avium)	2	Lean (N); Abnormal dead limbs	B	Impacts from lot grading	0
12129	11	Sweet Cherry (Prunus avium)	2		C	Impacts from lot grading	0
12132	11,15,8,11,11,14	Bigleaf Maple (Acer macrophyllum)	11		C	Impacts from lot grading	0
12138	11	Red Alder (Alnus rubra)	2		C	Impacts from lot grading	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
12139	13	Red Alder (Alnus rubra)	3		C	Impacts from lot grading	0
12140	13	Bigleaf Maple (Acer macrophyllum)	3	1-sided canopy (E)	C	Impacts from lot grading	0
12141	14	Bigleaf Maple (Acer macrophyllum)	3	1-sided canopy (E)	C	Impacts from lot grading	0
12144	16	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12145	19	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Impacts from storm trenching	0
12148	18	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12150	17	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12153	16	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12154	19	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12157	11,14	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12159	16	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12162	20	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12301	15	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
12302	13	Coniferous	0	OFFSITE; Not evaluated by an arborist	-	Preserve	0
13281	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13287	20	Bigleaf Maple (Acer macrophyllum)	6	Broken limbs	C	Impacts from public road construction	0
13298	12	Willow (Salix spp.)	2		C	Impacts from lot grading	0
13299	14,14,12,13	Willow (Salix spp.)	9	Small cavities with decay; Broken limbs; Decay	B	Impacts from lot grading	0
13345	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13357	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13372	11	Western Hemlock (Tsuga heterophylla)	2		C	Impacts from lot grading	0
13375	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from lot grading	0
13376	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13378	21	Bigleaf Maple (Acer macrophyllum)	7		C	Impacts from lot grading	0
13393	13	Red Alder (Alnus rubra)	3		C	Impacts from public road construction	0
13394	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13395	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13396	12	Red Alder (Alnus rubra)	2	Broken top; Decay	A	Impacts from public road construction	0
13397	9	Red Alder (Alnus rubra)	2	Broken top; Decay	A	Impacts from sidewalk and curb construction	0
13398	14	Western Hemlock (Tsuga heterophylla)	3		C	Impacts from sidewalk and curb construction	0
13399	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13400	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13401	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13402	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13413	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13415	25	Bigleaf Maple (Acer macrophyllum)	9		C	Impacts from sidewalk and curb construction	0
13423	23	Bigleaf Maple (Acer macrophyllum)	8	1-sided canopy (N); Abnormal dead limbs	B	Impacts from public road construction	0
13424	14	Bigleaf Maple (Acer macrophyllum)	3	Dead (~60')	A	Impacts from public road construction	0
13425	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from public road construction	0
13426	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13431	28	Bigleaf Maple (Acer macrophyllum)	10	Dead with some remaining epicormic limbs	A	Impacts from public road construction	0
13439	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13457	13	Red Alder (Alnus rubra)	3	Dead (~70')	A	Impacts from sidewalk and curb construction	0
13458	16	Bigleaf Maple (Acer macrophyllum)	4		C	Impacts from lot grading	0
13466	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
13467	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13480	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13481	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13482	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13483	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13485	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13486	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13487	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13488	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13489	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13490	16	Grand Fir (Abies grandis)	4		C	Impacts from lot grading	0
13491	14	Red Alder (Alnus rubra)	3	Dead (~60')	A	Impacts from lot grading	0
13492	12	Red Alder (Alnus rubra)	2	Broken top half	A	Impacts from lot grading	0
13493	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13494	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13495	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13496	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13499	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13508	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13509	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13510	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13511	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13512	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13513	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13514	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13515	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13516	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13517	8	Sweet Cherry (Prunus avium)	2		C	Impacts from site grading	0
13518	10	Douglas-fir (Pseudotsuga menziesii)	2	Broken top	A	Impacts from sidewalk and curb construction	0
13519	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13520	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13521	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13527	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Preserve	4
13528	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13529	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13530	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13531	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13533	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from site grading	0
13534	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13535	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13536	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13537	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13538	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13539	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from public road construction	0
13540	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0

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13541	6	European White Birch (Betula pendula)	2		C	Impacts from lot grading	0
13542	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13543	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13544	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13545	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13546	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13547	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13548	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13549	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13550	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13551	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13552	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13553	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13554	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
13555	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13556	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13557	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13558	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13559	12	Sweet Cherry (Prunus avium)	2		C	Preserve	2
13560	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13561	9	Sweet Cherry (Prunus avium)	2		C	Preserve	2
13562	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13563	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13564	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13565	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13566	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
13567	8	Sweet Cherry (Prunus avium)	2		C	Preserve	2
13568	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13569	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13570	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13571	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13572	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13573	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13574	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13575	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13576	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13577	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13578	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13579	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13580	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13581	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13582	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13583	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13584	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13585	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2

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13586	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13587	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13588	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from sidewalk and curb construction	0
13589	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13590	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13591	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13592	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13593	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13594	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13595	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13596	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13597	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13598	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
13599	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13600	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13601	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13602	16	Western Hemlock (Tsuga heterophylla)	4		C	Preserve	4
13603	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13604	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13607	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13608	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13609	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13610	11	Red Alder (Alnus rubra)	2	Dead (~6')	A	Impacts from lot grading	0
13612	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13613	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13615	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13616	14	Red Alder (Alnus rubra)	3	Dead top; Large cavity with decay in base	A	Impacts from lot grading	0
13619	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13632	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13633	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13634	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13657	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13661	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13663	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13668	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13669	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13670	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13671	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13672	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13673	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from public road construction	0
13674	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13675	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13676	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13677	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13678	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0

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13679	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13680	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13681	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13682	19	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from site grading	0
13683	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13684	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13685	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13686	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13687	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13688	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13689	7	Douglas-fir (Pseudotsuga menziesii)	5		C	Preserve	5
13690	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13691	9	Willow (Salix spp.)	2		C	Preserve	2
13692	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13693	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13694	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13695	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13696	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13697	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13707	9	Bigleaf Maple (Acer macrophyllum)	2	Butt sweep	C	Preserve	2
13708	9	Sweet Cherry (Prunus avium)	2		C	Preserve	2
13710	12,12	Bigleaf Maple (Acer macrophyllum)	5		C	Preserve	5
13711	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13712	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13713	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13714	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13715	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13716	13	Bigleaf Maple (Acer macrophyllum)	3		C	Preserve	3
13717	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13718	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13719	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13720	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13721	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13722	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13723	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13724	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13725	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13726	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13727	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
13728	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13729	7	Douglas-fir (Pseudotsuga menziesii)	2	Dead (~30')	A	Impacts from site grading	0
13730	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13731	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13732	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13733	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
13734	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13735	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13736	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from site grading	0
13782	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13786	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13787	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13790	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13799	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13803	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13804	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13805	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13806	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13808	17	Douglas-fir (Pseudotsuga menziesii)	5	Codominant top; Abnormal form	B	Impacts from public road construction	0
13843	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13848	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13859	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13862	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13863	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13864	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from lot grading	0
13865	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from lot grading	0
13866	23	Douglas-fir (Pseudotsuga menziesii)	8		C	Impacts from lot grading	0
13867	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13868	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13869	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13872	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13873	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13874	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
13875	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from sidewalk and curb construction	0
13906	28	Douglas-fir (Pseudotsuga menziesii)	10		C	Impacts from lot grading	0
13949	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from lot grading	0
13950	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13985	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
13986	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
13987	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14044	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from lot grading	0
14046	21	Douglas-fir (Pseudotsuga menziesii)	7		C	Impacts from lot grading	0
14047	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from lot grading	0
14049	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from lot grading	0
14050	20	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from lot grading	0
14053	18	Douglas-fir (Pseudotsuga menziesii)	5	Low vigor	B	Impacts from lot grading	0
14054	19	Douglas-fir (Pseudotsuga menziesii)	6		C	Impacts from lot grading	0
14058	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14059	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14060	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14061	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from lot grading	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
14062	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14063	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14064	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14065	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14066	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14067	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14068	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14069	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14070	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14071	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14072	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14073	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14074	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14075	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14076	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14077	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14078	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14079	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14080	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14081	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14082	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14083	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14084	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14085	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14086	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14087	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14088	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14089	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14091	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14092	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14093	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14094	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14095	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14096	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14097	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14098	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14099	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14100	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14101	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14103	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14105	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14106	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14107	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14108	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14109	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
14110	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14111	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14112	18	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from lot grading	0
14113	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14114	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from lot grading	0
14115	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from sidewalk and curb construction	0
14121	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14123	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from sidewalk and curb construction	0
14124	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14125	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14126	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14127	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14128	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14130	8,9	Western Redcedar (Thuja plicata)	0	OFFSITE; Codominant base with included bark	B	Preserve	0
14131	11	Western Redcedar (Thuja plicata)	0	OFFSITE	C	Preserve	0
14180	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14181	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14184	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14185	24	Grand Fir (Abies grandis)	8		C	Impacts from sidewalk and curb construction	0
14187	9	Douglas-fir (Pseudotsuga menziesii)	2	Butt sweep	C	Impacts from sidewalk and curb construction	0
14192	13	Bigleaf Maple (Acer macrophyllum)	3		C	Impacts from sidewalk and curb construction	0
14193	13	Douglas-fir (Pseudotsuga menziesii)	3	Abnormal dead branches; Abnormal form	B	Impacts from sidewalk and curb construction	0
14203	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14211	17	Douglas-fir (Pseudotsuga menziesii)	5		C	Impacts from sidewalk and curb construction	0
14212	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14214	12	Red Alder (Alnus rubra)	2	Broken top half; Lean (N)	A	Impacts from lot grading	0
14215	13	Red Alder (Alnus rubra)	3	Broken top half	A	Impacts from lot grading	0
14216	13	Red Alder (Alnus rubra)	3	Broken top half; Lean (N)	A	Impacts from sidewalk and curb construction	0
14217	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14218	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from lot grading	0
14238	15	Douglas-fir (Pseudotsuga menziesii)	4		C	Impacts from lot grading	0
14252	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14253	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14254	24	Douglas-fir (Pseudotsuga menziesii)	8		C	Impacts from sidewalk and curb construction	0
14261	12	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14262	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14266	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14267	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14268	20	Bigleaf Maple (Acer macrophyllum)	6	Abnormal dead branches; Sparse canopy	B	Impacts from lot grading	0
14278	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14288	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14289	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14294	16	Bigleaf Maple (Acer macrophyllum)	4		C	Impacts from public road construction	0
14295	22	Douglas-fir (Pseudotsuga menziesii)	7		C	Impacts from public road construction	0
14299	8	Grand Fir (Abies grandis)	2		C	Impacts from public road construction	0

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Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
14300	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14301	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14304	10	Western Hemlock (Tsuga heterophylla)	2		C	Impacts from lot grading	0
14307	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14309	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14311	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14312	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14315	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14319	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14320	8	Douglas-fir (Pseudotsuga menziesii)	2	Broken top	A	Impacts from public road construction	0
14321	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14322	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14323	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14324	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14327	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14329	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14331	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14336	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14339	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14360	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14361	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14362	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14363	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14364	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14365	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14366	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14367	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14368	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14373	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14381	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14389	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14392	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14427	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
14445	8	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
14487	14	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from public road construction	0
14488	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Impacts from sidewalk and curb construction	0
14489	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14490	6	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from public road construction	0
14491	24	Grand Fir (Abies grandis)	8		C	Impacts from public road construction	0
14492	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14493	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14494	24	Grand Fir (Abies grandis)	8		C	Impacts from sidewalk and curb construction	0
14495	7	Sweet Cherry (Prunus avium)	2		C	Impacts from sidewalk and curb construction	0
14496	7	Sweet Cherry (Prunus avium)	2		C	Impacts from site grading	0
14497	7	Sweet Cherry (Prunus avium)	2		C	Preserve	2

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14498	10	Sweet Cherry (Prunus avium)	2		C	Preserve	2
14499	8	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14500	13	Douglas-fir (Pseudotsuga menziesii)	3		C	Preserve	3
14501	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14502	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14503	10	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14504	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14505	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14506	12	Sweet Cherry (Prunus avium)	2		C	Preserve	2
14507	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14508	7	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from sidewalk and curb construction	0
14514	16	Sweet Cherry (Prunus avium)	4	Codominant with included bark	B	Preserve	4
14515	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14516	11	Douglas-fir (Pseudotsuga menziesii)	2		C	Preserve	2
14756	34	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE; Dead top half; In significant decline	A	Preserve	0
15997	20	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
15998	20	Grand Fir (Abies grandis)	0	OFFSITE	C	Preserve	0
16020	14	Douglas-fir (Pseudotsuga menziesii)	3	LINE TREE	C	Preserve	3
16021	12	Bigleaf Maple (Acer macrophyllum)	2	LINE TREE	C	Preserve	2
16022	15	Bigleaf Maple (Acer macrophyllum)	4	LINE TREE	C	Preserve	4
16023	8,8,8	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
16024	10	Bigleaf Maple (Acer macrophyllum)	2	Phototropic lean (E)	C	Impacts from lot grading	0
16025	11	Bigleaf Maple (Acer macrophyllum)	2	Phototropic lean (E)	C	Impacts from lot grading	0
16026	9	Douglas-fir (Pseudotsuga menziesii)	2	High canopy	C	Impacts from lot grading	0
16027	13	Bigleaf Maple (Acer macrophyllum)	4	Phototropic lean (E)	C	Impacts from lot grading	0
16028	12	Willow (Salix spp.)	2	LINE TREE	C	Preserve	2
16029	18	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16030	8	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16031	22	Douglas-fir (Pseudotsuga menziesii)	7		C	Impacts from lot grading	0
16032	9	Douglas-fir (Pseudotsuga menziesii)	2		C	Impacts from lot grading	0
16033	9	Bigleaf Maple (Acer macrophyllum)	2	LINE TREE	C	Preserve	2
16034	8	Bigleaf Maple (Acer macrophyllum)	0	OFFSITE	C	Preserve	0
16035	8	Bigleaf Maple (Acer macrophyllum)	2		C	Impacts from lot grading	0
16036	8	Douglas-fir (Pseudotsuga menziesii)	2	LINE TREE	C	Preserve	2
16037	9	Black Cottonwood (Populus trichocarpa)	0	OFFSITE; Broken at very top	B	Preserve	0
16038	10,11	Black Cottonwood (Populus trichocarpa)	4	10" stem broken top	B	Impacts from lot grading	0
16039	12	Bigleaf Maple (Acer macrophyllum)	2		C	Impacts from lot grading	0
16040	10	Bigleaf Maple (Acer macrophyllum)	2		C	Impacts from lot grading	0
16041	8	Black Cottonwood (Populus trichocarpa)	0	OFFSITE	C	Preserve	0
16042	10	Black Cottonwood (Populus trichocarpa)	2		C	Impacts from lot grading	0
16043	13	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16044	12	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16045	9	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16046	16	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16047	13	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0

Detailed Tree Inventory for Camas Woods

AKS Job No. 8397 - Evaluation Date: 12/20/2023-12-21/2023 - Evaluated By: BRK

Tree #	DBH (in.)	Tree Species Common Name (*Scientific name*)	Tree Units Initial	Condition/Comments	Windthrow Rating	Reason for Removal	Tree Units Retained
16048	24	Douglas-fir (Pseudotsuga menziesii)	0	OFFSITE	C	Preserve	0
16049	24	Douglas-fir (Pseudotsuga menziesii)	8		C	Preserve	8
16050	14,13	Bigleaf Maple (Acer macrophyllum)	11		C	Preserve	11
50000	57	Douglas-fir (Pseudotsuga menziesii)	24.5	Exposed roots all around; Large bore holes; Codominant top	B	Impacts from lot grading	0

Total # of Existing Trees Inventoried = 812

Net Site Area Exluding Open Space & Critical Area = 30.35

Total # of Existing Onsite Trees = 741

Total Onsite Existing Tree Units = 3088

Total # of Onsite Trees Retained = 196

Total # of Tree Units Retained = 707

Minimum Tree Units Required per City Code = 910.5

*(30.35 acres * 30 trees/acre)*

Minimum # Trees to Replant = 203.5

Total # of Existing Trees Removed = 545

Total Existing Tree Units Removed = 2381

Windthrow Rating

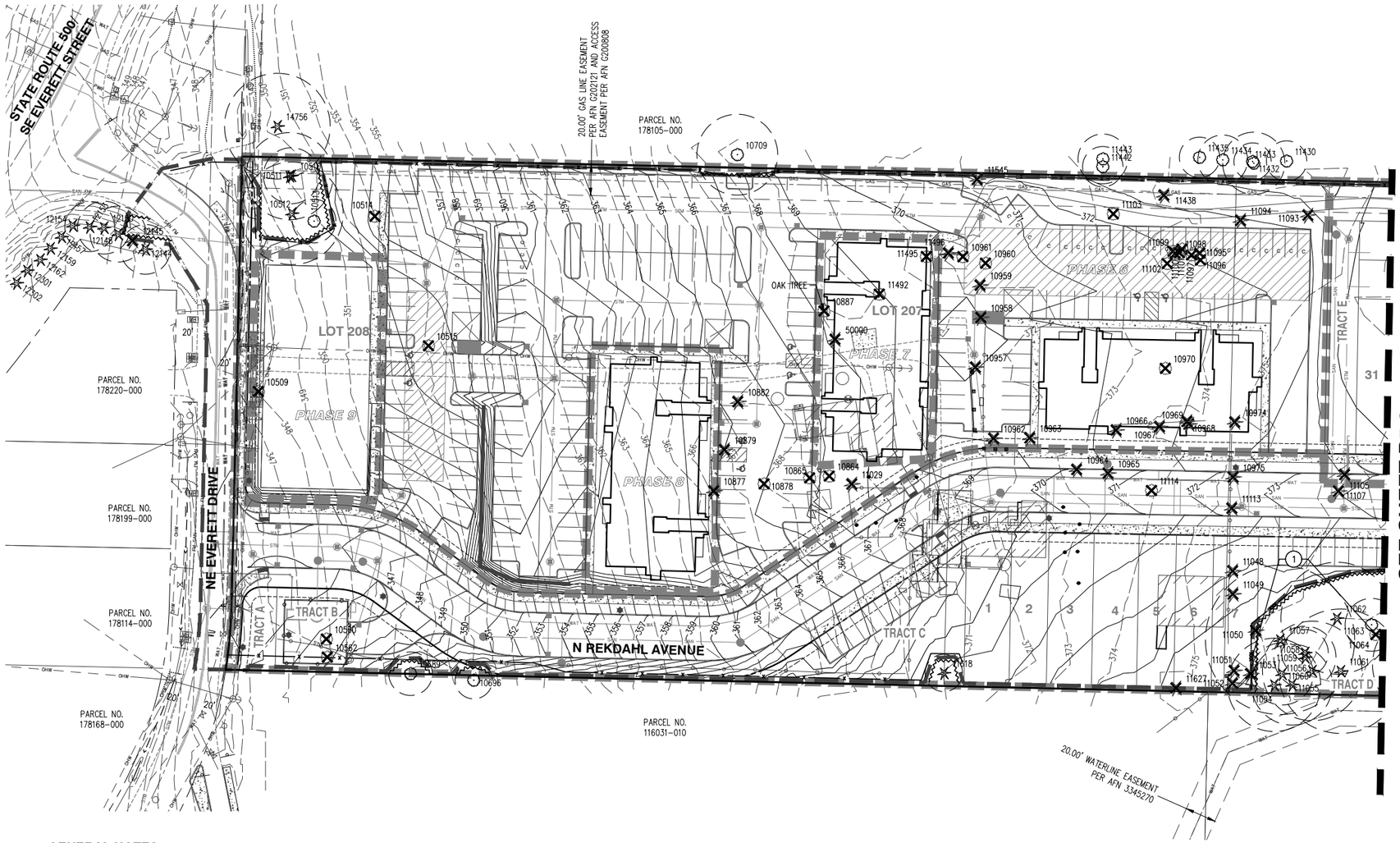
A=Least windthrow resistant
B=Moderate windthrow resistant
C=Most windthrow resistant

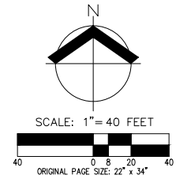
Arborist Disclosure Statement:

Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the health of trees, and attempt to reduce the risk of living near trees. The Client and Jurisdiction may choose to accept or disregard the recommendations of the arborist, or seek additional advice. Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. 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. Likewise, remedial treatments, like medicine, cannot be guaranteed. 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 risk associated with trees is to eliminate all trees. Neither this author nor AKS Engineering & Forestry, LLC have assumed any responsibility for liability associated with the trees on or adjacent to this site.

At the completion of construction, all trees should once again be reviewed. Land clearing and removal of adjacent trees can expose previously unseen defects and otherwise healthy trees can be damaged during construction.

Appendix B: Tree Preservation and Removal Plan





TREE PROTECTION KEYED NOTES:

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4. OAK TREE TO BE RELOCATED PER ECOLOGICAL LAND SERVICES (ELS) REPORT.

LEGEND

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EXISTING TREES RETAINED/(TREE UNITS):	196/(707)
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TOTAL TREE UNITS: (RETAINED AND PROPOSED)	966

NOTE: SEE LANDSCAPING PLANS (P11.0–P11.1) FOR PROPOSED TREE PLANTING PLAN
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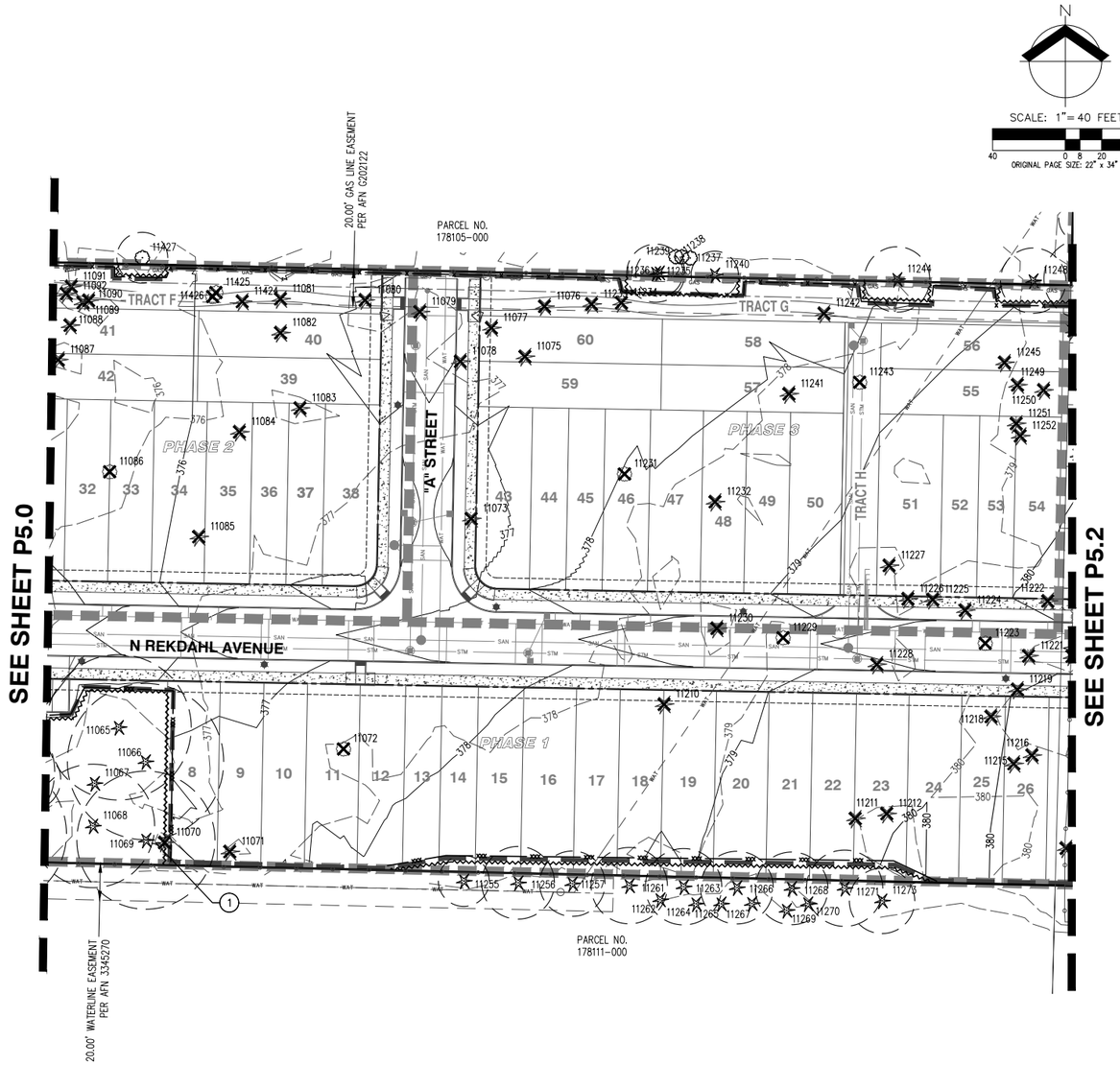
DRAWN BY:	TWW
CHECKED BY:	BDH

P5.0



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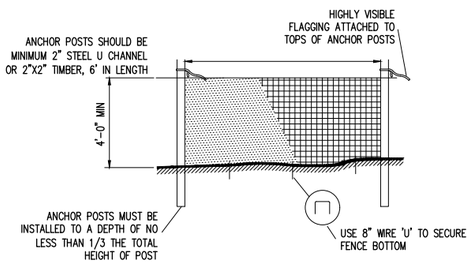

PLASTIC MESH TREE PROTECTION FENCE
NOT TO SCALE

TREE PROTECTION FENCE NOTES

1. BLAZE ORANGE OR BLUE PLASTIC MESH FENCE FOR TREE PROTECTION DEVICE, ONLY.
2. BOUNDARIES OF PROTECTION AREA WILL BE ESTABLISHED IN THE FIELD BY THE ARBORIST PRIOR TO CONSTRUCTION
3. BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED AND FLAGGED BY THE ARBORIST, OR UNDER THE SUPERVISION OF THE ARBORIST, PRIOR TO INSTALLING DEVICES.
4. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
5. TREE PROTECTION TO BE INSTALLED PRIOR TO CONSTRUCTION AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

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CAMAS WOODS, LLC
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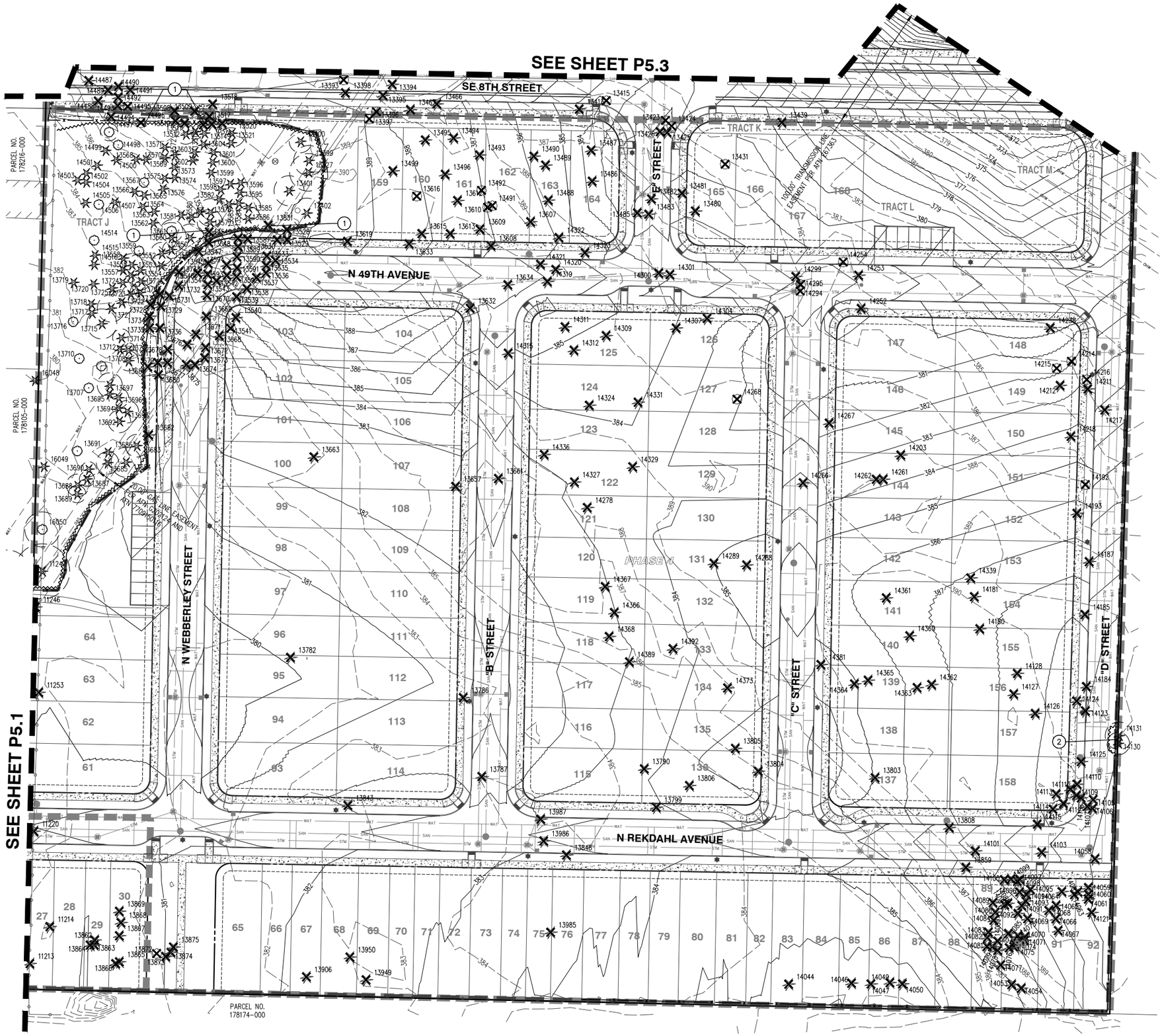
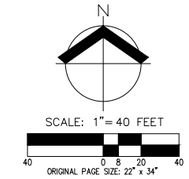
CHECKED BY:	BDH

P5.1





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PRELIMINARY NOT FOR CONSTRUCTION

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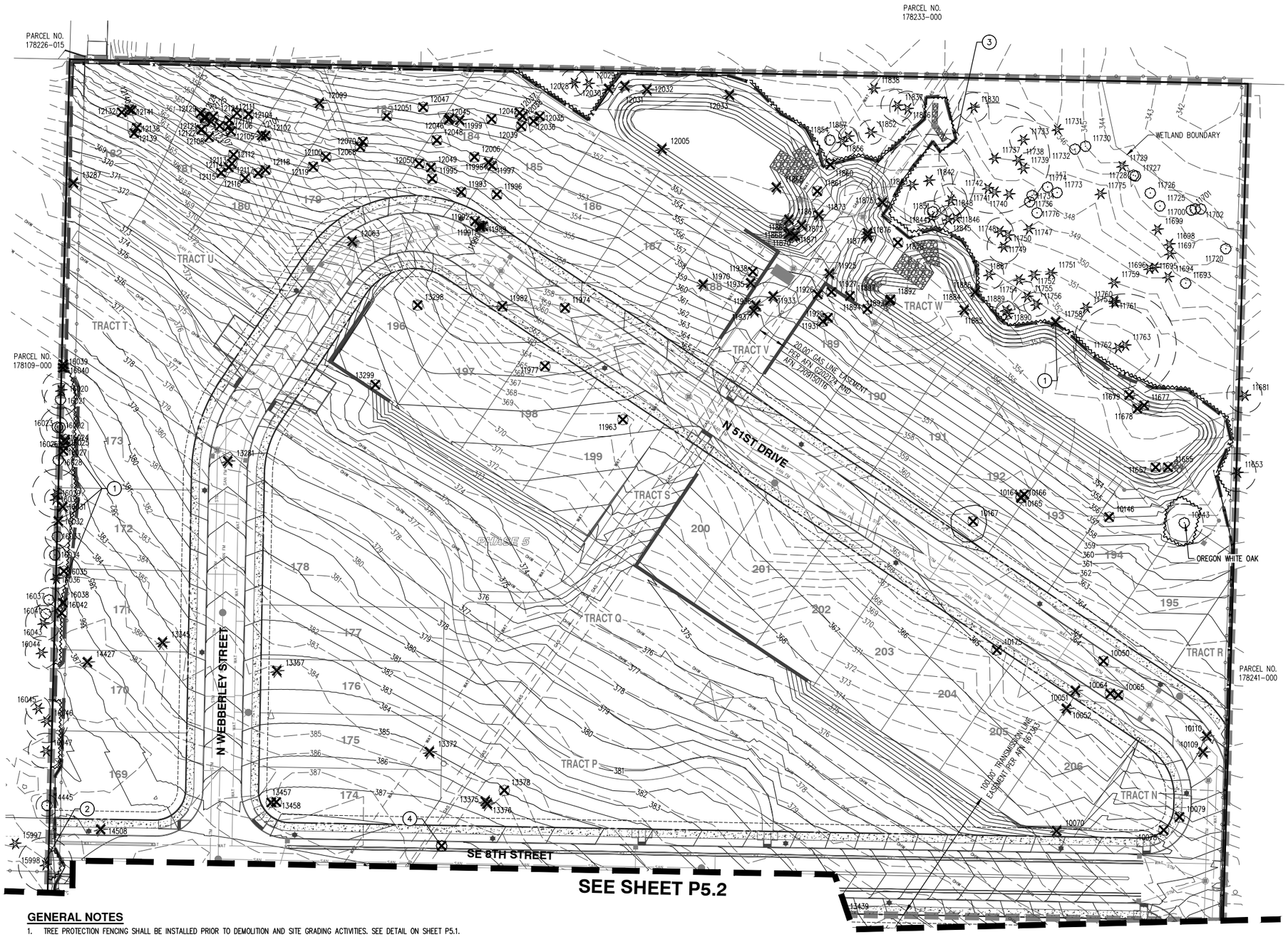
P5.2



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SCALE: 1"= 40 FEET

40 0 8 20 40

ORIGINAL PAGE SIZE: 22" x 34"

LEGEND

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DESIGNED BY:	CJS
DRAWN BY:	TWW
CHECKED BY:	BDH

P5.3

Appendix C: Tree Planting Plan

PRELIMINARY PLANT SCHEDULE - STREET TREES

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
STREET TREES					
	64	ACER RUBRUM 'ARMSTRONG'	ARMSTRONG RED MAPLE	2" CAL MIN./B&B	AS SHOWN
	20	CARPINUS BETULUS	EUROPEAN HORNBEAM	2" CAL MIN./B&B	AS SHOWN
	44	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2" CAL MIN./B&B	AS SHOWN
	16	TILIA TOMENTOSA 'STERLING'	STERLING SILVER LINDEN	2" CAL MIN./B&B	AS SHOWN
	62	ZELKOVA SERRATA 'VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	2" CAL MIN./B&B	AS SHOWN
	206 TOTAL TREES				

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
SHRUBS					
	67	MAHONIA AQUIFOLIUM	OREGON GRAPE	3 GAL. CONT.	48" o.c.
	48	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN LAUREL	3 GAL. CONT.	60" o.c.
	24	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	3 GAL. CONT.	60" o.c.

GROUND COVERS

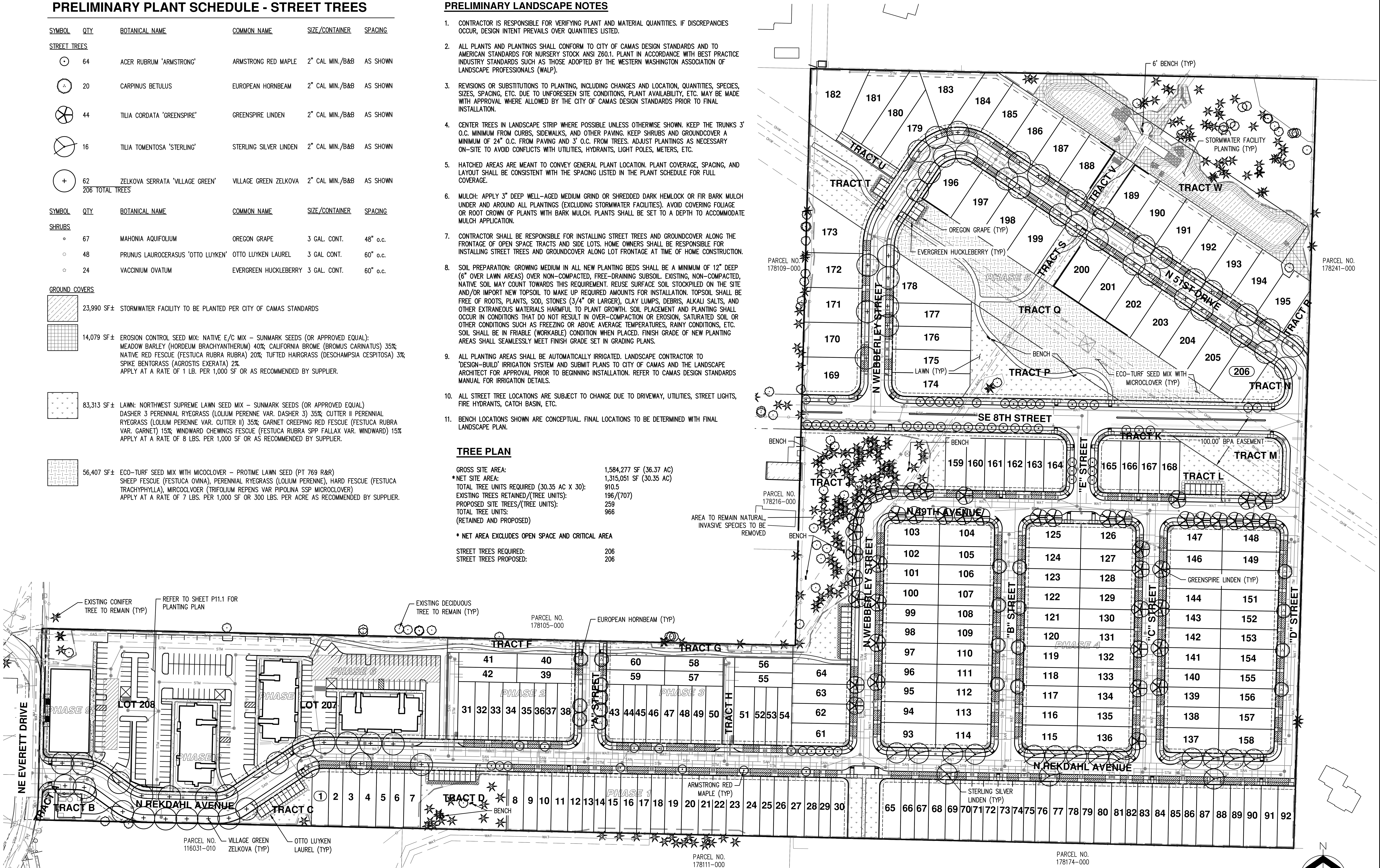
- 23,990 SF± STORMWATER FACILITY TO BE PLANTED PER CITY OF CAMAS STANDARDS
- 14,079 SF± EROSION CONTROL SEED MIX: NATIVE E/C MIX – SUNMARK SEEDS (OR APPROVED EQUAL): MEADOW BARLEY (HORDEUM BRACHYANTHERUM) 40%; CALIFORNIA BROME (BROMUS CARINATUS) 35%; NATIVE RED FESCUE (FESTUCA RUBRA RUBRA) 20%; TUFTED HAIRGRASS (DESCHAMPSIA CESPITOSA) 3%; SPIKE BENTGRASS (AGROSTIS EXERATA) 2%. APPLY AT A RATE OF 1 LB. PER 1,000 SF OR AS RECOMMENDED BY SUPPLIER.
- 83,313 SF± LAWN: NORTHWEST SUPREME LAWN SEED MIX – SUNMARK SEEDS (OR APPROVED EQUAL) DASHER 3 PERENNIAL RYEGRASS (LOLIUM PERENNE VAR. DASHER 3) 35%; CUTTER II PERENNIAL RYEGRASS (LOLIUM PERENNE VAR. CUTTER II) 35%; GARNET CREEPING RED FESCUE (FESTUCA RUBRA VAR. GARNET) 15%; WINDWARD CHEWINGS FESCUE (FESTUCA RUBRA SPP FALLAX VAR. WINDWARD) 15%. APPLY AT A RATE OF 8 LBS. PER 1,000 SF OR AS RECOMMENDED BY SUPPLIER.
- 56,407 SF± ECO-TURF SEED MIX WITH MICOCLOVER – PROTIME LAWN SEED (PT 769 R&R) SHEEP FESCUE (FESTUCA OVINA), PERENNIAL RYEGRASS (LOLIUM PERENNE), HARD FESCUE (FESTUCA TRACHYPHYLLA), MIRCOCLVOER (TRIFOLIUM REPENS VAR PIPOLINA SSP MICROCLOVER). APPLY AT A RATE OF 7 LBS. PER 1,000 SF OR 300 LBS. PER ACRE AS RECOMMENDED BY SUPPLIER.

PRELIMINARY LANDSCAPE NOTES

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PLANT AND MATERIAL QUANTITIES. IF DISCREPANCIES OCCUR, DESIGN INTENT PREVAILS OVER QUANTITIES LISTED.
2. ALL PLANTS AND PLANTINGS SHALL CONFORM TO CITY OF CAMAS DESIGN STANDARDS AND TO AMERICAN STANDARDS FOR NURSERY STOCK ANSI Z60.1. PLANT IN ACCORDANCE WITH BEST PRACTICE INDUSTRY STANDARDS SUCH AS THOSE ADOPTED BY THE WESTERN WASHINGTON ASSOCIATION OF LANDSCAPE PROFESSIONALS (WALP).
3. REVISIONS OR SUBSTITUTIONS TO PLANTING, INCLUDING CHANGES AND LOCATION, QUANTITIES, SPECIES, SIZES, SPACING, ETC. DUE TO UNFORESEEN SITE CONDITIONS, PLANT AVAILABILITY, ETC. MAY BE MADE WITH APPROVAL WHERE ALLOWED BY THE CITY OF CAMAS DESIGN STANDARDS PRIOR TO FINAL INSTALLATION.
4. CENTER TREES IN LANDSCAPE STRIP WHERE POSSIBLE UNLESS OTHERWISE SHOWN. KEEP THE TRUNKS 3' O.C. MINIMUM FROM CURBS, SIDEWALKS, AND OTHER PAVING. KEEP SHRUBS AND GROUNDCOVER A MINIMUM OF 24" O.C. FROM PAVING AND 3' O.C. FROM TREES. ADJUST PLANTINGS AS NECESSARY ON-SITE TO AVOID CONFLICTS WITH UTILITIES, HYDRANTS, LIGHT POLES, METERS, ETC.
5. HATCHED AREAS ARE MEANT TO CONVEY GENERAL PLANT LOCATION. PLANT COVERAGE, SPACING, AND LAYOUT SHALL BE CONSISTENT WITH THE SPACING LISTED IN THE PLANT SCHEDULE FOR FULL COVERAGE.
6. MULCH: APPLY 3" DEEP WELL-AGED MEDIUM GRIND OR SHREDDED DARK HEMLOCK OR FIR BARK MULCH UNDER AND AROUND ALL PLANTINGS (EXCLUDING STORMWATER FACILITIES). AVOID COVERING FOLIAGE OR ROOT CROWN OF PLANTS WITH BARK MULCH. PLANTS SHALL BE SET TO A DEPTH TO ACCOMMODATE MULCH APPLICATION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING STREET TREES AND GROUNDCOVER ALONG THE FRONTAGE OF OPEN SPACE TRACTS AND SIDE LOTS. HOME OWNERS SHALL BE RESPONSIBLE FOR INSTALLING STREET TREES AND GROUNDCOVER ALONG LOT FRONTAGE AT TIME OF HOME CONSTRUCTION.
8. SOIL PREPARATION: GROWING MEDIUM IN ALL NEW PLANTING BEDS SHALL BE A MINIMUM OF 12" DEEP (6" OVER LAWN AREAS) OVER NON-COMPACTED, FREE-DRAINING SUBSOIL. EXISTING, NON-COMPACTED, NATIVE SOIL MAY COUNT TOWARDS THIS REQUIREMENT. REUSE SURFACE SOIL STOCKPILED ON THE SITE AND/OR IMPORT NEW TOPSOIL TO MAKE UP REQUIRED AMOUNTS FOR INSTALLATION. TOPSOIL SHALL BE FREE OF ROOTS, PLANTS, SOD, STONES (3/4" OR LARGER), CLAY LUMPS, DEBRIS, ALKALI SALTS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. SOIL PLACEMENT AND PLANTING SHALL OCCUR IN CONDITIONS THAT DO NOT RESULT IN OVER-COMPACTION OR EROSION, SATURATED SOIL OR OTHER CONDITIONS SUCH AS FREEZING OR ABOVE AVERAGE TEMPERATURES, RAINY CONDITIONS, ETC. SOIL SHALL BE IN FRIABLE (WORKABLE) CONDITION WHEN PLACED. FINISH GRADE OF NEW PLANTING AREAS SHALL SEAMLESSLY MEET FINISH GRADE SET IN GRADING PLANS.
9. ALL PLANTING AREAS SHALL BE AUTOMATICALLY IRRIGATED. LANDSCAPE CONTRACTOR TO 'DESIGN-BUILD' IRRIGATION SYSTEM AND SUBMIT PLANS TO CITY OF CAMAS AND THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO BEGINNING INSTALLATION. REFER TO CAMAS DESIGN STANDARDS MANUAL FOR IRRIGATION DETAILS.
10. ALL STREET TREE LOCATIONS ARE SUBJECT TO CHANGE DUE TO DRIVEWAY, UTILITIES, STREET LIGHTS, FIRE HYDRANTS, CATCH BASIN, ETC.
11. BENCH LOCATIONS SHOWN ARE CONCEPTUAL. FINAL LOCATIONS TO BE DETERMINED WITH FINAL LANDSCAPE PLAN.

TREE PLAN

GROSS SITE AREA:	1,584,277 SF (36.37 AC)
*NET SITE AREA:	1,315,051 SF (30.35 AC)
TOTAL TREE UNITS REQUIRED (30.35 AC X 30):	910.5
EXISTING TREES RETAINED/(TREE UNITS):	196/(707)
PROPOSED SITE TREES/(TREE UNITS):	259
TOTAL TREE UNITS: (RETAINED AND PROPOSED)	966
* NET AREA EXCLUDES OPEN SPACE AND CRITICAL AREA	
STREET TREES REQUIRED:	206
STREET TREES PROPOSED:	206



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AKS ENGINEERING & FORESTRY, LLC
9600 NE 126TH AVE, STE 2520
VANCOUVER, WA 98682
360.882.0419
WWW.AKS-ENG.COM

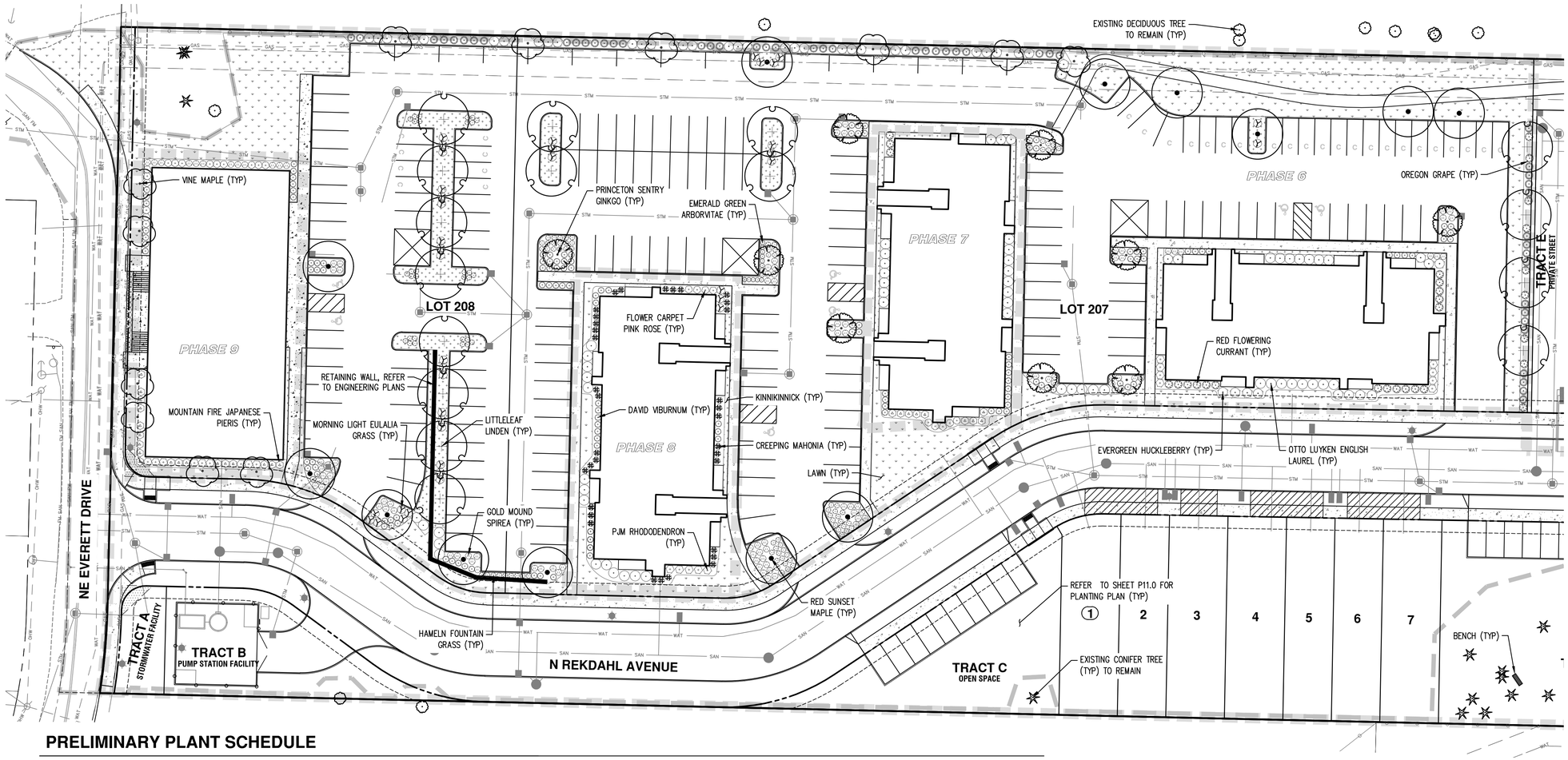
ENGINEERING · SURVEYING · NATURAL RESOURCES
FORESTRY · PLANNING · LANDSCAPE ARCHITECTURE

PRELIMINARY STREET TREE PLANTING PLAN
CAMAS WOODS SUBDIVISION
CAMAS WOODS, LLC
CAMAS, WASHINGTON

JOB NUMBER:	8397
DATE:	11/14/2024
DESIGNED BY:	CLM
DRAWN BY:	CLM
CHECKED BY:	TEB

P11.0

AKS DRAWING FILE: 8397 P11 LANDSCAPE.DWG | LAYOUT: P11.0



PRELIMINARY PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
TREES					
	12	ACER CIRCINATUM	VINE MAPLE	6' HT. MIN. B&B	AS SHOWN
	13	ACER RUBRUM 'FRANKSRED'	RED SUNSET MAPLE	2" CAL MIN./B&B	AS SHOWN
	9	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	2" CAL MIN./B&B	AS SHOWN
	16	TILIA CORDATA	LITTLELEAF LINDEN	2" CAL MIN./B&B	AS SHOWN
	53	TOTAL TREES			

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
SHRUBS					
	50	MAHONIA AQUIFOLIUM	OREGON GRAPE	3 GAL. CONT.	48" o.c.
	37	MAHONIA REPENS	CREEPING MAHONIA	1 GAL. CONT.	36" o.c.
	39	MISCANTHUS SINENSIS 'MORNING LIGHT'	MORNING LIGHT EULALIA GRASS	1 GAL CONT.	48" o.c.
	115	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN FOUNTAIN GRASS	1 GAL CONT.	30" o.c.
	27	PIERIS JAPONICA 'MOUNTAIN FIRE'	MOUNTAIN FIRE JAPANESE PIERIS	3 GAL CONT.	48" o.c.
	54	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN LAUREL	3 GAL CONT.	60" o.c.
	22	RHODODENDRON X 'P.J.M.'	PJM RHODODENDRON	3 GAL CONT.	48" o.c.
	29	RIBES SANGUINEUM	RED FLOWERING CURRANT	1 GAL. CONT.	48" o.c.

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
	24	ROSA X 'NOATRAUM'	FLOWER CARPET PINK ROSE	1 GAL. CONT.	42" o.c.
	106	SPIRAEA X BUMALDA 'GOLDMOUND'	GOLD MOUND SPIREA	2 GAL CONT.	36" o.c.
	13	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	5'-6' HT. CONT.	30" o.c.
	53	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	3 GAL. CONT.	60" o.c.
	136	VIBURNUM DAVIDII	DAVID VIBURNUM	2 GAL CONT.	36" o.c.

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
GROUND COVERS					
	771	ARCTOSTAPHYLOS UVA-URSI	KINNIKINNICK	1 GAL. CONT.	30" o.c.
	17,953 SF±	LAWN: NORTHWEST SUPREME LAWN SEED MIX – SUNMARK SEEDS (OR APPROVED EQUAL) DASHER 3 PERENNIAL RYEGRASS (LOLIUM PERENNE VAR. DASHER 3) 35% CUTTER II PERENNIAL RYEGRASS (LOLIUM PERENNE VAR. CUTTER II) 35% GARNET CREEPING RED FESCUE (FESTUCA RUBRA VAR. GARNET) 15% WINDWARD CHEWINGS FESCUE (FESTUCA RUBRA SPP FALLAX VAR. WINDWARD) 15% APPLY AT A RATE OF 8 LBS. PER 1,000 SF OR AS RECOMMENDED BY SUPPLIER			

GENERAL NOTE

REFER TO SHEET P11.0 FOR PRELIMINARY LANDSCAPE NOTES.

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PRELIMINARY LANDSCAPE PLAN
CAMAS WOODS SUBDIVISION
CAMAS WOODS, LLC
CAMAS, WASHINGTON

STATE OF WASHINGTON
TIMOTHY E. BUCHANAN
2015
REGISTERED
LANDSCAPE ARCHITECT
EXP. 12/21/2025

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