## CITY OF MERCER ISLAND

## **COMMUNITY PLANNING & DEVELOPMENT**

9611 SE 36TH STREET | MERCER ISLAND, WA 98040

PHONE: 206.275.7605 | www.mercergov.org



# MERCER ISLAND TREE INVENTORY & REPLACEMENT SUBMITTAL INFORMATION

PROJECT INFORM	IATION
Property Owner	
Name:	Ken Chu & Wei Xu
Site Address or	
Parcel Number:	4332 W. Mercer Way
Project Contact	
Name:	Lucia Pirzio-Biroli, Ectypos Architecture
Contact Email	
Address:	lucia@ectypos.com
Contact Phone	
Number:	(206) 232-9147

#### **EXCEPTIONAL TREES**

<u>Exceptional Trees</u>- means a tree or group of trees that because of its unique historical, ecological or aesthetic value constitutes an important community resource. A tree that is rare or exceptional by virtue of its size, species, condition, cultural/historical importance, age, and/or contribution as part of a tree grove. Trees with a diameter of more than 36 inches, or with a diameter that is equal to or greater than the diameter listed in the Exceptional Tree Table shown in MICC 19.16 under Tree, Exceptional.

List the total number of trees for each category and the tree identification numbers from the arborist report.

Number of trees 36"	or greater	0
List tree numbers:		
	or greater (including 36" or greater)	14
List tree numbers:		
Number of trees from	m Exceptional Tree Table (MICC 19.16)	5 (size)
List tree numbers:	Groves 1&2 encompass nearly all trees (39) & are considered exceptional	see attached table of trees

#### LARGE REGULATED TREES

<u>Large Regulated Trees</u>- means any tree with a diameter of 10 inches or more, and any tree that meets the definition of an Exceptional Tree.

Number of Large Regulated Trees on site	39	(A)
List tree numbers: Grove 1 & Grove 2 see attached table		
Number of Large Regulated Trees on site proposed for removal List tree numbers: 17	1	(B)
Percentage of trees to be retained ((A-B)/Ax100) note: must be at least 30%	97.5	%
RIGHT OF WAY TREES		
<u>Right of Way Trees</u> - means a tree that is located in the street right of way adjacent to the	project prope	erty.
Number of Large Regulated Trees in right of way	2	
List tree numbers: 25,26		
Number of Large Regulated Trees in right of way proposed for removal	0	
List tree numbers:		
Reason for removal:		

### TREE REPLACEMENT

Tree replacement- removed trees must be replaced based on the ratio in the table below. Replacement trees shall be conifers at least six feet tall and or deciduous at least one and one-half inches in diameter at base.

Diameter of Removed Tree (measured 4.5'	Tree replacement	Number of Trees Proposed	Number of Tree Required for Replacement Based
above ground)	Ratio	for Removal	on Size/Type
Less than 10"*	1	Tor Kemovar	011 312c/ 1 ypc
10" up to 24"	2		
Greater than 24" up to 36"	3		
Greater than 36" and any Exceptional Tree	6	1	6
, ,	6		

<sup>\*</sup>no replacement tree is needed if the tree fits all of the following;

Less than 10 inches in diameter, not an exceptional tree, and not a replacement tree from another tree permit. \*



## **Table of Trees**

4332 W Mercer Way, Mercer Island, WA 98040

Arborist: JU CM

Date of Inventory: 02/27/2024

Table Prepared: 03/11/2024

DSH (Diameter at Standard Height) is measured 4.5 feet above grade, or as specified in the Guide for Plant Appraisal, 10th Edition, published by the Council of Tree and Landscape Appraisers.

DSH for multi-stem trees are noted as a single stem equivalent, which is calculated using the method defined in the Guide for Plant Appraisal, 10th Edition.

Letters are used to identify trees on neighboring property with overhanging canopies.

Minimum Limit of Disturbance (MLOD) is defined as 5 times trunk diameter or 6 feet, whichever is greater.

Recommended Limit of Disturbance (RLOD) is 8 times trunk diameter or greater depending on tree species and/or condition.

*Dripline is measured from the center of the tree to the outermost extent of the canopy.* 

Dripline Radius (feet)

Tree			DSH	DSH	Health	Structural	Diipii	ine Rad	1105 (10		Exceptional	1	24-Inch DSH	Exceptional	MLOD	PI OD	Proposed	
ID	Scientific Name	Common Name	(inches)	Multistem	Condition	Condition	N	E	s	w	Threshold	Exceptional	or Greater	Grove	(feet)	(feet)		Notes
1	Thuja plicata	Western redcedar	31.0		Good	Fair	1.3	13.3	26.8	17.8	30.0	Exceptional -	Yes	Yes	13	21	Retain	Topped at 20 ft with new reiterations
												Size						above; phototrophic to south;
																		driveway 8.5 ft from base
7	Pinus sylvestris	Scots pine	15.0		Fair	Fair	8.6	-	12.6	22.6	24.0		-	-	6	10	Retain	Limited live canopy; likely suppressed;
																		ivy at base; phototrophic to west;
																		shared
10	Pseudotsuga menziesii	Douglas-fir	32.0		Good	Fair	21.3	22.3	29.3	24.3	30.0	Exceptional -	Yes	Grove 1	13	21	Retain	Not tagged; growing on top of slope;
												Size						sheer vertical cut; kink at 40 ft; sap
																		weeping on west side 15 ft above base
11	Acer macrophyllum	Bigleaf maple	34.6		Fair	Good	23.4	13.4	22.4	40.4	30.0	Exceptional -	Yes	Grove 1	14	23	Retain	Not tagged; pruned with stub cuts for
		9,										Size						clearance; south most stem is likely
												0.20						dead; can be reduced to snag;
																		clearance likely required for wall;
																		remove lowest 3-4 rungs of branches;
																		fill at base
12	Acer macrophyllum	Bigleaf maple	17.0		Good	Good	8.7	0.7	24.7	35.7	30.0	Exceptional-	-	Grove 1	7	11	Retain	Estimated due to slope and ivy; lower
												Grove						stem pruned for clearance
13	Pseudotsuga menziesii	Douglas-fir	29.0		Good	Good	20.2	14.2	22.2	23.2	30.0	Exceptional-	Yes	Grove 1	12	19	Retain	Ivy at base; large stems of ivy
												Grove						removed; growing on top of slope;
																		estimated due to slope and ivy
14	Alnus rubra	Red alder	31.0		Poor	Poor	16.3	1.3	26.3	37.3	-	Exceptional-	Yes	Grove 1	13	21	Retain	Central trunk long dead; diameter at
												Grove						standard height estimated due to
																		fence; ivy at base; not good long term
							-	-	-	-						-		retention tree
15	Thuja plicata	Western redcedar	10.3		Good	Good	9.4	9.4	9.4	9.4	30.0	Exceptional-	-	Grove 1	6	7	Retain	Small tree suppressed by adjacent
17	Acer macrophyllum	Bigleaf maple	19.1	9.5, 11.6,	Good	Good	25.8	12.8	29.8	25.8	30.0	Grove Exceptional-	-	Grove 1	8	13	Remove	Growing on slope; anaerobic clay
- '	neer maerophynam	bigicaj mapic	13.1	11.9	3000	0000	25.0	12.0	23.0	25.0	30.0	Grove		0.046 1			T.C.IIIOVC	soils; codominant at base; potentially
				11.5								Grove						impacted by piling for wall
																		impacted by piling for wall
18	Pseudotsuga menziesii	Douglas-fir	28.1		Good	Fair	14.2	12.7	9.7	11.2	30.0	Exceptional-	Yes	Grove 2	12	19	Retain	Limbed up on south east side;
												Grove						mechanical damage on south side; sap
																		weeping from old wounds; 50 percent
10	De au de teu en me ameionii	Davieles fin	33.6		Good	Cood	22.4	22.4	25.4	20.4	20.0	Fusantianal	Vac	Grove 2	14	22	Datain	live crown ratio  Top broken out in past but has new
19	Pseudotsuga menziesii	Douglas-fir	33.0		Good	Good	23.4	22.4	25.4	20.4	30.0	Exceptional -	res	Grove 2	14	22	Retain	
												Size						reiterations; limbed up for
20	Prunus cerasifera	Flowering plum	11.4		Good	Fair	9.5	12 5	12 5	10.0	21.0	Exceptional-	-	Grove 2	6	8	Retain	powerlines; ivy at base Pruned for powerlines; narrow union;
20	Trunus cerusijeru	I lowering plant	11.4		Jood		9.5	12.5	12.3	10.0	21.0	Grove		JIOVE Z	١	0	Netaili	stems combined for diameter at
												Grove						standard height due to orientation of
																		standard neight due to orientation of
21	Acer macrophyllum	Bigleaf maple	32.0	29.6, 9.9,	Fair	Good	20.3	9.3	29.3	43.8	30.0	Exceptional -	Yes	Grove 2	13	21	Retain	Dieback in upper 3rd of canopy; ivy
	, ,			7.1								Size						into crown; ivy limits assessment;
												0.20						pruned for powerlines with heading
																		cuts; poor shoot extension;
																		codominant at base
25	Pseudotsuga menziesii	Douglas-fir	25.9		Good	Fair	20.6	16.1	20.1	21.1	30.0	Exceptional-	Yes	Grove 2	11	17	Retain	Topped at 25 ft; reiterative tops
												Grove						allowed to grow; canopy pruned over
																		road

Tree Solutions, Inc.

www.tree solutions.net

2940 Westlake Ave. N #200 Seattle, WA 98109

Page 1 of 2



# **Table of Trees**

4332 W Mercer Way, Mercer Island, WA 98040

Arborist: JU CM
Date of Inventory: 02/27/2024
Table Prepared: 03/11/2024

10   Schellfick Name   Common Name   Commo	Tree			DSH	DSH	Health	Structural					Exceptional		24-Inch DSH	Exceptional	MLOD	RLOD	Proposed	
Company   Comp	ID	Scientific Name	Common Name	(inches)	Multistem	Condition	Condition	N	E	S	w	Threshold	Exceptional	or Greater	Grove	(feet)	(feet)	Action	Notes
Second Company   Seco	26	Acer macrophyllum	Bigleaf maple	18.5		Good	Good	25.8	0.8	34.8	35.8	30.0	Exceptional-	-	Grove 2	8	12	Retain	Phototrophic over road; canopy raised
22   Passidissuper nervienis   Daugher fire   24.6   Could   Fair   8.0   2.0   7.0   15.0   20.0   20.0   Couper   Vec.   Grove 2   10   10   Restriction to vest and root story at 1   Sale   Couper   Couper   Vec.													Grove						over road; bamboo at base; small
Second Control   Seco																			cavity at union 8 ft above base
Are marrighfillian Bigling maple   1.6.6   Poor Poor   2.7   1.9   8.7   8.7   8.7   8.7   8.0   Grove   Grove	27	Pseudotsuga menziesii	Douglas-fir	24.6		Good	Fair	8.0	1.0	7.0	16.0	30.0	Exceptional-	Yes	Grove 2	10	16	Retain	Topped or broke top at 35 ft
Are marrighfillian Bigling maple   1.6.6   Peor Poor   2.7   1.9   8.7   8.7   8.7   8.0   Sestptional   Grove   2.7   1.0   Retain   Non-violation cast stem / young and not call stee photocorporal to use at the photocorporal													Grove						reiteration to west and road; ivy at
27   This plicate   Peaulothuga menutesis   Cooperation																			·
27   Thuis plicates	28	Acer macrophyllum	Bigleaf maple	15.6		Poor	Poor	8.7	19.2	8.7	8.7	30.0	Exceptional-	-	Grove 2	7	10	Retain	Nearly dead; ivy growing on trunk;
23   Thijo pillicula													Grove						poor shoot extension; east stem
Company   Comp																			
22   Production   Product   Produc																			1
Second   S	29	Thuia plicata	Western redcedar	9.8	7.4. 6.5	Good	Good	12.9	19.4	13.4	8.4	30.0	Exceptional-	-	Grove 2	6	7	Retain	
30   Thujip plicates   Western redecteder   14.0   Poor   Poor   8.6		The production of the second			11,010								'				1		1 '' - '
Pseudotsugo mensiesis   Douglos-fir   23.7   Good   Good   18.0   14.0   13.0   15.0   30.0   Exceptional - Grove   10   16   Retain   Potentially lost top at some point; nor not flame   18.0   14.0   13.0   15.0   30.0   Exceptional - Grove   10   16   Retain   Potentially lost top at some point; nor not flame   18.0   14.0   13.0	30	Thuia plicata	Western redcedar	14 0	1	Poor	Poor	8.6	8.6	8.6	8.6	30.0		1-	Grove 2	6	9	Retain	
Pseudotsuga memiesii		maja piicata	- Cottern reacted	120		. 55.	. 55.	0.0	0.0	0.0	0.0	30.0	1		0.0102			Trectain:	
Security of the properties   Douglas-fir   23.7   Good   Good   18.0   14.0   13.0   15.0   30.0   Exceptional Crove													Grove						_
2	31	Pseudotsuga menziesii	Douglas-fir	23.7		Good	Good	18.0	14 0	13.0	15.0	30.0	Excentional-	-	Grove 2	10	16	Retain	
Second Second   Second Second   Second Second   Second S	31	7 Scadolsaga Menziesii	Douglas Jii	25.7		Good	Good	10.0	14.0	13.0	15.0	30.0			GIOVE 2	10	10	rectain	
33   Acer platanoides   Norway maple   12.9   3.3, 6.6,   Fair   Fair   14.5   22.0   18.5   11.5     Exceptional Grove	22	Degudotsuga manziasii	Douglas-fir	20.1	+	Good	Good	12 2	22.2	12 8	12 8	20.0		1_	Grove 2	Q	12	Petain	
Second   S	32	r seudotsaga menziesii	Douglus-Jii	20.1		Good	Good	13.3	23.3	12.0	12.0	30.0	1		GIOVE 2	0	13	Retain	
See													Grove						
Second Companies   Second Comp	22	A saw mlastava sida s	Mamuella and a	12.0	22.66	Fain	Fair	14.5	22.0	10.5	11 5		Fusantianal		Crava 2	-		Datain	
A	33	Acer platanolaes	Norway mapie	12.9		Fair	Fair	14.5	22.0	18.5	11.5	-	1	-	Grove 2	Ь	9	Retain	
2.5   Good   Good   1.0   1.0   1.0   1.0   1.0   1.0   1.0   3.0.0   Exceptional of Grove					7.4, 7.6								Grove						
Second   S	2.4	T	147 1 1 1	42.5		6 1	6 1	11.0	11.0	11.0	11.0	20.0	- · · ·			-	-	<b>D</b>	
Allow rubra   Red alder   17.9   Good   Fair   7.7   0.7   15.7   34.2   -	34	Thuja plicata	Western redcedar	12.5		Good	Good	11.0	11.0	11.0	11.0	30.0	1	-	Grove 2	6	8	Retain	Off-site; small healthy tree
Second	25		0.1.11	47.0		6 1			0.7	45.7	242					-	4.2	<b>.</b>	0,000
Side with reaction wood; partial slope   Side with reaction west; SO   percentile crown ratio; 2ft from driveway   Side with reaction west; SO   percentile crown ratio; 2ft from driveway   Side with reaction west; SO   percentile crown ratio; 2ft from driveway   Side with reaction west; SO   percentile crown ratio; 2ft from driveway   Side with reaction west; SO   percentile crown ratio; 2ft from driveway   Side with reaction west; SO   Side with reaction west; SO   Side with reaction west; SO   Side with reaction of side west; SO   Side with reaction west;	35	Ainus rubra	kea alaer	17.9		Good	Fair	/./	0.7	15./	34.2	-	1	-	Grove 2		12	Retain	1
Austrian black pine 19.1 Good Good 0.8 3.8 17.3 17.3 24.0 Exceptional-Grove Grove 9.8 13 Retain Offsite; phototrophic lean to west; 50 percent live crown ratio; 2ft from driveway 19.1 Good 1.1 17.1 20.1 10.1 30.0 Exceptional-Grove Grove 11 18 Retain Offsite; iy on trunk; driveway cracking below; dominant tree in row offsite; stem girdled at 2 ft by wire; by on trunk; 5.5 ft from driveway 19.1 Good Good 0.8 10.8 12.3 10.8 30.0 Exceptional-Grove Grove 19.1 Gro													Grove						· ·
Austrian black pine   19.1   Good   Good   0.8   3.8   17.3   17.3   24.0   Exceptional-Grove   Grove 2   8   13   Retain   Offsite; phototrophic lean to west; 50   percent live crown ratio; 2ft from driveway																			
Second								-	-							-	-		
Second Sugar menziesii   Douglas-fir   26.5   Excellent   Good   1.1   17.1   20.1   10.1   30.0   Exceptional-Grove   Second Sugar menziesii   Douglas-fir   17.4   Good   Goo	37	Pinus nigra	Austrian black pine	19.1		Good	Good	0.8	3.8	17.3	17.3	24.0	1	-	Grove 2	8	13	Retain	1 1
Second													Grove						percent live crown ratio; 2ft from
Second								+	-		-								•
39   Pseudotsuga menziesii   Douglas-fir   17.4   Good   Good   Good   0.7   12.7   18.2   6.7   30.0   Exceptional-Grove   Grove 2   7   12   Retain   Offsite; stem girdled at 2 ft by wire; ivy on trunk; 5.5 ft from driveway	38	Pseudotsuga menziesii	Douglas-fir	26.5		Excellent	Good	1.1	17.1	20.1	10.1	30.0	Exceptional-	Yes	Grove 2	11	18	Retain	1
A   Acer platanoides   Norway maple   15.0   Good									-		_						-		
40 Pseudotsuga menziesii Douglas-fir 18.1 Good Good 0.8 10.8 12.3 10.8 30.0 Exceptional-Grove - Grove 2 8 12 Retain Offsite; stem girdled by wire at 3 ft; suppressed in row; 6.5 ft from driveway  A Acer platanoides Norway maple 30.0 Good Fair 1.3 1.3 1.3 16.8 - Exceptional-Grove - Exceptional-Grove - Exceptional-Grove - Grove 1 13 20 Retain Offsite; no tag; upright canopy; ivy at base; estimated  C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; upright canopy; ivy at base; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing	39	Pseudotsuga menziesii	Douglas-fir	17.4		Good	Good	0.7	12.7	18.2	6.7	30.0	Exceptional-	-	Grove 2	7	12	Retain	
A Acer platanoides Norway maple 30.0 Good Fair 1.3 1.3 1.3 16.8 - Exceptional- Grove Suppressed in row; 6.5 ft from driveway  B Acer macrophyllum Bigleaf maple 15.0 Good Good 18.6 30.0 - 6 10 Retain Offsite; no tag; upright canopy; ivy at base; estimated  C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; pruned to property line with poor cut; phototrophic to south west; no tag; pruned to property line with poor cut; phototrophic to south west; no tag; estimated South west; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			
A Acer platanoides Norway maple 30.0 Good Fair 1.3 1.3 1.3 1.8 1.8 - Exceptional-Grove Fair 1.3 20 Retain Offsite tree; managed for end weight Grove Fair 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	40	Pseudotsuga menziesii	Douglas-fir	18.1		Good	Good	0.8	10.8	12.3	10.8	30.0	Exceptional-	-	Grove 2	8	12	Retain	Offsite; stem girdled by wire at 3 ft;
A Acer platanoides Norway maple 30.0 Good Fair 1.3 1.3 1.3 16.8 - Exceptional-Grove Yes Grove 1 13 20 Retain Offsite tree; managed for end weight  B Acer macrophyllum Bigleaf maple 15.0 Good Good 18.6 30.0 - 6 10 Retain Offsite; no tag; upright canopy; ivy at base; estimated  C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; upright canopy; ivy at base; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; upright canopy; ivy at base; estimated  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; upright canopy; ivy at base; estimated offsite; no tag; upright canopy; ivy at base; estimated base; estimated  Fixed Prove 1 13 20 Retain Offsite; no tag; upright canopy; ivy at base; estimated  Fixed Prove 1 13 20 Retain Offsite; no tag; upright canopy; ivy at base; estimated  Fixed Prove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  Fixed Prove 2 13 21 Retain Offsite; no tag; estimated; growing													Grove						suppressed in row; 6.5 ft from
B Acer macrophyllum Bigleaf maple 15.0 Good Good 18.6 30.0 - 18.6 30.0 - 6 10 Retain Offsite; no tag; upright canopy; ivy at base; estimated  C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; pruned to property line with poor cut; phototrophic to south west; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			
B Acer macrophyllum Bigleaf maple 15.0 Good Good 18.6 30.0 - 18.6 30.0 - 6 10 Retain Offsite; no tag; upright canopy; ivy at base; estimated  C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; pruned to property line with poor cut; phototrophic to south west; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing	Α	Acer platanoides	Norway maple	30.0		Good	Fair	1.3	1.3	1.3	16.8	-	Exceptional-	Yes	Grove 1	13	20	Retain	Offsite tree; managed for end weight
C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; pruned to property line with poor cut; phototrophic to south west; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing													Grove						
C Acer macrophyllum Bigleaf maple 14.0 Good Good 15.6 21.6 30.0 - 6 9 Retain Offsite; no tag; pruned to property line with poor cut; phototrophic to south west; estimated  D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing	В	Acer macrophyllum	Bigleaf maple	15.0		Good	Good	-	-	-	18.6	30.0		-		6	10	Retain	Offsite; no tag; upright canopy; ivy at
D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			base; estimated
D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing	С	Acer macrophyllum	Bigleaf maple	14.0		Good	Good	-	-	15.6	21.6	30.0		-		6	9	Retain	Offsite; no tag; pruned to property
D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			line with poor cut; phototrophic to
D Alnus rubra Red alder 32.0 Excellent Good 1.3 19.3 33.3 22.3 - Yes Grove 2 13 21 Retain Offsite; no tag; estimated; growing adjacent to creek; good condition  E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			
E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing	D	Alnus rubra	Red alder	32.0		Excellent	Good	1.3	19.3	33.3	22.3	-		Yes	Grove 2	13	21	Retain	
E Alnus rubra Red alder 26.0 Good Good 1.1 6.1 27.1 25.1 - Yes Grove 2 11 17 Retain Offsite; no tag; estimated; growing																			
	E	Alnus rubra	Red alder	26.0		Good	Good	1.1	6.1	27.1	25.1	-		Yes	Grove 2	11	17	Retain	
																			north of creek