

Tree Assessment																					
Site: Sturman Architects: 8030 SE 20th, Mercer Island, WA					Tax ID: 545230-2220		Date: 3/27/2025		Assessor Tom Hanson PN0426A					Project: 2025-24							
Zone		R-12																			
Tag #	Tree #	Species		DBH	Height	Crown Ratio	Dripline(ft)				Protection Zone-Outer Radius	Inner Zone-Radius	Vigor			Class			Disposition	Comments	
		Common	Scientific				inches	(feet)	(%)	N			S	E	W	(feet)	(feet)	Vigor			Structure
On Site																					
1	1	Yoshino cherry	<i>Prunus yoshino</i>	9.5	16	30	0	12	4	16	10	5	Good	Fair	Yes		✓	No	Retain	Asymmetric	
2	2	Yoshino cherry	<i>Prunus yoshino</i>	12.9	14	30	0	16	8	16	13	6	Good	Fair	Yes		✓	No	Remove	Asymmetric	
3	3*	Magnolia	<i>Magnolia sp.</i>	10.6	20	60	5	14	16	18	11	5	Good	Fair	Yes		✓	No	Retain	Asymmetric, codominant decay pocket	
4	4	Japanese maple	<i>Acer Palmatum</i>	6.2	22	60	2	9	8	9	6	3	Good	Fair	Yes			✓	No	Retain	Included bark
5	5*	Japanese maple	<i>Acer Palmatum</i>	8.4	22	40	8	10	8	14	8	4	Good	Fair	Yes			✓	No	Retain	Included bark
6	6	Western red cedar	<i>Thuja plicata</i>	24.9	50	90	13	14	12	18	25	12	Good	Fair	Yes				No	Retain	Lower bole heart rot
7	7	Western red cedar	<i>Thuja plicata</i>	18.8	50	80	12	12	10	12	19	9	Good	G	Yes		✓		No	Retain	
8	8*	Japanese maple	<i>Acer Palmatum</i>	14.6	20	70	4	8	2	18	15	7	Good	G	Yes		✓		No	Retain	Missed
9	9*	Japanese maple	<i>Acer Palmatum</i>	9.2	25	40	6	7	5	10	9	5	Good	G	Yes			✓	No	Retain	
10	10	Western red cedar	<i>Thuja plicata</i>	19.9	60	80	13	13	13	13	20	10	Good	G	Yes		✓		No	Retain	
11	11	Western red cedar	<i>Thuja plicata</i>	23.2	65	80	17	17	17	17	23	12	Good	G	Yes		✓		No	Retain	
12	12*	Japanese maple	<i>Acer Palmatum</i>	14.9	40	70	20	12	8	20	15	7	Good	G	Yes		✓		No	Retain	
13	13	Western red cedar	<i>Thuja plicata</i>	28.2	70	90	18	18	18	18	28	14	Good	Fair	Yes		✓		No	Retain	Two codominants above 20'
14	14	Lombardy poplar	<i>Populus nigra "italica"</i>	45.5	115	60	30	4	6	16	46	23	Fair	Fair	Yes		✓		No	Retain	Basal decay
15	15	Western red cedar	<i>Thuja plicata</i>	25.5	90	70	18	6	6	18	26	13	Good	Good	Yes		✓		No	Retain	Two codominants above 20'
16	16	Big leaf maple	<i>Ace macrophyllum</i>	19.2	100	30	14	0	0	32	19	10	Good	Fair	Yes		✓		No	Retain	Asymmetric
17	17	Madrone	<i>Arbutus menziesii</i>	7.2	30	60	4	5	0	16	7	4	Good	Poor	No	✓	✓		No	Retain	Overhangs house
18	18	Western red cedar	<i>Thuja plicata</i>	11.2	20	80	10	6	6	13	11	6	Good	Fair	Yes		✓		No	Retain	Topped
19	19	Austrian pine	<i>Pinus nigra</i>	11.8	25	20	6	5	0	12	12	6	Fair	Fair	No		✓		No	Retain	Topped
20	20	Austrian pine	<i>Pinus nigra</i>	14.1	60	30	8	8	8	8	14	7	Good	Good	Yes		✓		No	Retain	
21	21	Austrian pine	<i>Pinus nigra</i>	11.2	50	60	7	7	3	14	11	6	Good	Good	Yes		✓		No	Retain	
22	22	Yoshino cherry	<i>Prunus yoshino</i>	8.8	15	20	8	0	5	6	9	4	Fair	Fair	Yes			✓	No	Remove	Low crown ratio, decay in limbs
23	23	Yoshino cherry	<i>Prunus yoshino</i>	11.2	15	40	15	4	15	15	11	6	Good	Fair	Yes		✓		No	Remove	2 codominants above 5'
Totals															1	16	6	Remove 3			
Off Site																					
A		Hinoki cypress	<i>Chamaecyparis obtusa</i>	6	15	70	7	7	7	7	6	3	Good	Good	Yes			✓		Retain	
B		Japanese cedar	<i>Crytomaria japonica</i>	9	15	80	7	7	7	7	9	5	Good	Good	Yes			✓		Retain	
C		Weeping sequoia	<i>Sequoiaedron giganteum/pedulum</i>	10	20	80	6	6	6	6	10	5	Good	Good	Yes		✓			Retain	
D		White pine	<i>Pinus monticola</i>	8	22	90	6	6	6	6	8	4	Good	Good	Yes			✓		Retain	
E		Sawara cypress	<i>Chamaecyparis pisifera</i>	11	25	90	8	8	8	8	11	6	Good	Good	Yes		✓			Retain	
F		White pine	<i>Pinus monticola</i>	7	22	90	7	7	7	7	7	4	Good	Good	Yes			✓		Retain	
G		White pine	<i>Pinus monticola</i>	7	19	90	6	6	6	6	7	4	Good	Good	Yes					Retain	
H		Western red cedar	<i>Thuja plicata</i>	13	55	60	12	12	4	13	13	7	Good	Good	Yes		✓			Retain	
I		Western red cedar	<i>Thuja plicata</i>	14	55	70	14	4	10	10	14	7	Good	Fair	Yes		✓			Retain	Asymmetric
J		Western red cedar	<i>Thuja plicata</i>	32	80	70	12	16	12	16	32	16	Good	Fair	Yes	✓				Retain	two cominant stems above 12'; included bark
K		Western red cedar	<i>Thuja plicata</i>	21	75	70	14	12	4	16	21	11	Good	Good	Yes		✓			Retain	Asymmetric

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Tag #	Tree #	Species		DBH	Height	Crown Ratio	Dripline(ft)				Protection Zone-Outer Radius	Inner Zone-Radius	Vigor			Class			Disposition	Comments	
		Common	Scientific				inches	(feet)	(%)	N			S	E	W	(feet)	(feet)	Vigor			Structure
	L	Western red cedar	<i>Thuja plicata</i>	18	80	60	19	10	10	10	18	9	Good	Good	Yes		✓			Retain	
	M*	Western red cedar	<i>Thuja plicata</i>	24	50	80	8	22	14	20	24	12	Good	Fair	Yes		✓			Retain	
	N*	Western red cedar	<i>Thuja plicata</i>	44	55	90	18	16	14	18	44	22	Fair	Poor	Yes	✓				Retain	
	O	Lombardy poplar	<i>Populus nigra "italica"</i>	44	110	60	5	5		5	44	22	Fair	Fair	No		✓			Retain	
	P	Austrian pine	<i>Pinus nigra</i>	15	60	60	15	4	8	7	15	8	Fair	Fair	Yes		✓			Retain	
	Q	Austrian pine	<i>Pinus nigra</i>	14	80	40	4	8	12	8	14	7	Good	Good	Yes		✓			Retain	
	R	Austrian pine	<i>Pinus nigra</i>	12	70	40	6	8	8	8	12	6	Good	Good	Yes		✓			Retain	
	S	Austrian pine	<i>Pinus nigra</i>	11	70	30	7	6	6	6	11	6	Good	Good	Yes		✓			Retain	
	T*	Big leaf maple	<i>Acer macrophyllum</i>	26	90	20	16	4	4	12	26	13	Fair	Poor	Yes		✓			Retain	Bole decay, one codominant broken out
	U*	Big leaf maple	<i>Acer macrophyllum</i>	25	90	60	25	18	4	25	25	13	Good	Good	Yes		✓			Retain	
	V	Locust	<i>Robinia pseudoacacia</i>	15	75	30	6	10	8	8	15	8	Good	Good	Yes		✓			Retain	
	W	Big leaf maple	<i>Acer macrophyllum</i>	7	60	40	8	8	8	8	7	4	Good	Good	Yes				✓	Retain	
	X	Locust	<i>Robinia pseudoacacia</i>	8	50	10	0	8	0	8	8	4	Poor	Poor	No				✓	Retain	Dying
	Y	Big leaf maple	<i>Acer macrophyllum</i>	8	80	20	7	4	6	6	8	4	Good	Good	Yes		✓			Retain	
	Z	Western red cedar	<i>Thuja plicata</i>	26	90	90	16	16	12	16	26	13	Good	Fair	Yes		✓			Retain	2 codominants at 8'
	AA	Big leaf maple	<i>Acer macrophyllum</i>	16	70	80	10	12	4	14	16	8	Good	Good	Yes		✓			Retain	
	BB	Austrian pine	<i>Pinus nigra</i>	19	105	30	12	4	4	15	19	10	Good	Fair	Yes		✓			Retain	
	CC	Austrian pine	<i>Pinus nigra</i>	18	110	50	14	8	5	15	18	9	Good	Good	Yes		✓			Retain	
	DD	Austrian pine	<i>Pinus nigra</i>	11	100	40	6	9	5	9	11	6	Good	Good	Yes		✓			Retain	
	EE	Austrian pine	<i>Pinus nigra</i>	18	80	30	9	12	10	15	18	9	Good	Good	Yes		✓			Retain	
	FF	Austrian pine	<i>Pinus nigra</i>	13	80	40	6	6	5	14	13	7	Good	Good	Yes		✓			Retain	
	GG	Austrian pine	<i>Pinus nigra</i>	13	75	50	12	6	0	14	13	7	Good	Fair	Yes		✓			Retain	
	HH	Austrian pine	<i>Pinus nigra</i>	15	80	40	6	6	0	18	15	8	Good	Fair	Yes		✓			Retain	
	II	Austrian pine	<i>Pinus nigra</i>	22	100	50	14	14	0	24	22	11	Good	Fair	Yes		✓			Retain	
	JJ	W. red cedar	<i>Thuja plicata</i>	8	18	70	9	5	12	15	8	4	Good	Fair	Yes				✓	Retain	
	KK	W. red cedar	<i>Thuja plicata</i>	8	20	10	12	0	0	12	8	4	Good	Fair	Yes				✓	Retain	
	LL	W. red cedar	<i>Thuja plicata</i>	10	18	90	10	8	8	12	10	5	Good	Fair	Yes		✓			Retain	
	MM	W. red cedar	<i>Thuja plicata</i>	11	15	80	14	12	4	15	11	6	Good	Fair	Yes		✓			Retain	
	NN*	Big leaf maple	<i>Acer macrophyllum</i>	28	20	5	2	2	2	2	28	14	Poor	Poor	No		✓			Retain	
	OO	W. red cedar	<i>Thuja plicata</i>	11	18	80	12	10	8	12	11	6	Good	Poor	Yes		✓			Retain	
	PP	Big leaf maple	<i>Acer macrophyllum</i>	17	15	20	0	10	0	10	17	9	Poor	Poor	No		✓			Retain	
	QQ	Madrone	<i>Arbutus menziesii</i>	7	20	20	3	3	0	6	7	4	Good	Poor	Yes				✓	Retain	
	RR	Native cherry	<i>Prunus emarginata</i>	12	25	30	4	10	0	26	12	6	Good	Good	Yes				✓	Retain	
	SS	Austrian pine	<i>Pinus nigra</i>	6	15	10	0	3	0	10	6	3	Poor	Poor	No				✓	Retain	
	TT	Austrian pine	<i>Pinus nigra</i>	6	12	30	6	0	0	10	6	3	Poor	Poor	No				✓	Retain	
	UU	W. red cedar	<i>Thuja plicata</i>	12	40	80	10	12	4	14	12	6	Good	Good	Yes		✓			Retain	
	VV*	Native cherry	<i>Prunus emarginata</i>	7.2	30	30	5	5	0	26	7	4	Good	Fair	No				✓	Retain	

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Tag #	Tree #	Species		DBH	Height	Crown Ratio	Dripline(ft)				Protection Zone-Outer Radius	Inner Zone-Radius	Vigor		Class			Disposition	Comments			
		Common	Scientific				N	S	E	W			Vigor	Structure	Viability	Exceptional	Large			Small	Grove	
	WW	Douglas-fir	<i>Pseudotsuga menziesii</i>	50	140	26	26	26	26	26	50	25	Good	Good	Yes	✓			Retain			
				*DBH = square root [(dbh stem1) <sup>2</sup> +(dbh stem2) <sup>2</sup> +(dbh stem3) <sup>2</sup> ]																		
														Totals		3	33	13				