

# CITY OF MERCER ISLAND

## COMMUNITY PLANNING & DEVELOPMENT

9611 SE 36TH STREET | MERCER ISLAND, WA 98040

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## MERCER ISLAND TREE INVENTORY & REPLACEMENT SUBMITTAL INFORMATION

### PROJECT INFORMATION

Property Owner

Name: BLAZE PATTISON

Site Address or

Parcel Number: 8019 SE 20TH ST

Project Contact

Name: CHARLES FRITZEMEIER, ARCHITECT

Contact Email

Address: HCFRITZEMEIER\_1@OUTLOOK.COM

Contact Phone

Number: 206.434.1100

### EXCEPTIONAL TREES

*Exceptional Trees*- 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.

**SEE FOLLOWING TREE INVENTORY TABLE FOR DETAILED INFORMATION**

Number of trees 36" or greater 4

List tree numbers: 1,2,8 AND 21

Number of trees 24" or greater (including 36" or greater) 7

List tree numbers: 1,2,6,8,9,19, AND 21

Number of trees from Exceptional Tree Table (MICC 19.16) 4

List tree numbers: 1,2,8, AND 21

### LARGE REGULATED TREES

*Large Regulated Trees- 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 \_\_\_\_\_ (A)

List tree numbers: 1-14, 16-23 \_\_\_\_\_ **24**

Number of Large Regulated Trees on site proposed for removal \_\_\_\_\_ (B)

List tree numbers: NUMBERS 9 AND 12 \_\_\_\_\_ **2**

Percentage of trees to be retained  $((A-B)/A) \times 100$  note: must be at least 30% \_\_\_\_\_ **92%**

**RIGHT OF WAY TREES**  $((24-2) / 24 \times 100) = .00916667$

*Right of Way Trees- means a tree that is located in the street right of way adjacent to the project property.*

Number of Large Regulated Trees in right of way \_\_\_\_\_ **NONE**

List tree numbers: \_\_\_\_\_

Number of Large Regulated Trees in right of way proposed for removal \_\_\_\_\_

List tree numbers: \_\_\_\_\_ **NONE**

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' above ground)	Tree replacement Ratio	Number of Trees Proposed for Removal	Number of Tree Required for Replacement Based on Size/Type
Less than 10"*	1	<b>0</b>	<b>0</b>
10" up to 24"	2	<b>1</b>	<b>2</b>
Greater than 24" up to 36"	3	<b>1</b>	<b>3</b>
Greater than 36" and any Exceptional Tree	6	<b>0</b>	<b>0</b>
<b>TOTAL TREE REPLACEMENTS</b>			<b>5</b>

*\*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. \**

**SEE SHEET AR 1.0 FOR TREE LOCATIONS ON SITE.**

**SEE TREE PROTECTION PLAN FOR POTENTIAL REPLANTING AREAS.**

**TREE INVENTORY TABLE PER SEATTLE TREE CONSULTING**

**CERTIFIED ARBORISTS 6116-A/TRAQ**

DESIGNATION	EXCEPTIONAL	QUALIFIED AS EXCEPTIONAL	PRIORITIZED TREE DUE TO DIAMETER (24"+)	LARGE TREE CLASSIFICATION (10"+)	TREES IMPACTED BY NEW CONSTRUCTION
1. Douglas Fir. Pseudotsuga mensiezii. 34" DSH. 24' DLR. Condition-1.	30"	YES	YES	YES	NO
2. Big Leaf Maple. Acer macrophyllum. 35" DSH. 30' DLR. Condition1.	30"	YES	YES	YES	NO
3. Western Red Cedar. Thuja plicata. 19" DSH. 15' DLR. Condition-1.	30"	NO	NO	YES	NO
4. Big Leaf Maple. Acer macrophyllum. 15" DSH. 20' DLR. Condition1.	30"	NO	NO	YES	NO
5. Western Red Cedar. Thuja plicata. 16" DSH. 15' DLR. Condition-1.	30"	NO	NO	YES	NO
6. Big Leaf Maple. Acer macrophyllum. 30" DSH. Condition-4. 10' Dead Snag.	30"	NO	YES	YES	NO
7. Western Red Cedar. Thuja plicata. 20" DSH. 14' DLR. Condition-1.	30"	NO	NO	YES	NO
8. Douglas Fir. Pseudotsuga mensiezii. 34" DSH. 20' DLR. Condition-1.	30"	YES	YES	YES	NO
9. Western Red Cedar. Thuja plicata. 24" DSH. 22' DLR. Condition-1.	30"	NO	NO	YES	NO
10. Western Red Cedar. Thuja plicata. 15" DSH. 12' DLR. Condition-1.	30"	NO	NO	YES	NO
11. Western Red Cedar. Thuja plicata. 19" DSH. 15' DLR. Condition-1.	30"	NO	NO	YES	NO
12. Apple. Malus sp. 10" DSH. 15' DLR. Condition-1.	20"	NO	NO	YES	NO
13. Apple. Malus sp. 13" DSH. 15' DLR. Condition-1.	20"	NO	NO	YES	NO
14. Apple. Malus sp. 12" DSH. 15' DLR. Condition-1.	20"	NO	NO	YES	NO
15. Red Alder. Alnus rubra. 8" DSH. 10' DLR. Condition-1.	XX	NO	NO	NO	NO
16. Red Alder. Alnus rubra. 14" DSH. 10' DLR. Condition-1.	XX	NO	NO	YES	NO
17. Red Alder. Alnus rubra. 9" DSH. 10' DLR. Condition-1.	XX	NO	NO	NO	NO
18. Western Red Cedar. Thuja plicata. 14" DSH. 12' DLR. Condition-1.	30"	NO	NO	YES	NO
19. Douglas Fir. Pseudotsuga mensiezii. 24" DSH. 20' DLR. Condition-1.	30"	NO	YES	YES	NO
20. Western Red Cedar. Thuja plicata. 15" DSH. 12' DLR. Condition-1.	30"	NO	NO	YES	NO
21. Douglas Fir. Pseudotsuga mensiezii. 36" DSH. 30' DLR. Condition-1.	30"	YES	YES	YES	NO
22. Western Red Cedar. Thuja plicata. 23" DSH. 20' DLR. Condition-1.	30"	NO	NO	YES	NO
23. Big Leaf Maple. Acer macrophyllum. 13" DSH. 15' DLR. Condition1.	30"	NO	NO	YES	NO

30% EQUATES TO 8 TREES MUST BE RETAINED

NO

NOTES

PER SECT MICC 19.10.060 (A)  
AT LEAST 30% OF REGULATED TREES MUST BE RETAINED, PRIORITIZING LARGE AND EXCEPTION TREES

PER SECTION MIC 19.10.060 A3  
EXCEPTIONAL TREES LARGER THAN 24" SHALL BE LIMITED BY THE FOLLOWING:  
RETENTION WILL RESULT IN AN UNAVOIDABLE HAZARDOUS SITUATION.  
RETENTION WILL LIMIT THE CONSTRUCTIBLE GROSS FLOOR AREA TO LESS THAN 85% OF THE MAXIMIM GROSS FLOOR AREA ALLOWED UNDER MICC 19.02