

Tree Removal & Replacement Plan

Property Address: 6905 96th Ave SE, Mercer Island, WA 98040

Owner: Boreth Long

Date: November 15, 2025

1. Arborist Report and Existing Tree Inventory

Arborist report was completed by Andrew Raines, a certified arborist with Arborist Solutions. A copied of the arborist report is provided as a separate supporting document and included in Appendix A of this document.

All significant trees on the property are inventoried and included in the arborist report. The location of inventoried trees is accurately incorporated into the topography survey.

The tree inventory in the arborist report includes the following:

- Tree numbering system of all existing large regulated tress on the property
- Tree species
- Tree size (diameter, height, and dripline diameter)
- Brief general health or condition rating of each tree
- Tree status (retained or proposed for removal), and
- Using color code to identify of all significant and exception trees and differentiate between those less than 24 inches and those greater than or equal to 24 inches in diameter.

There is a total of 25 trees on the property include the following category:

- 4 trees with diameter smaller than 10"
- 21 large regulated trees greater than 10", with
 - 2 of 21 trees has a diameter greater than or equal to 36"
 - 5 of 21 trees has a diameter greater than or equal to 24", and
 - 4 of 21 trees is considered exceptional tree per Table MICC 19.16

Note: The tree inventory in the Arborist report also includes five (5) large regulated trees on adjacent property with driplines or critical root zones extending into the property.

A list of trees for each category mentioned above is provided in Mercer Island Tree Inventory & Replacement Submittal Information Form in Appendix B of this document for reference.

Note: A copy of the Tree Inventory and Replacement Submittal Form is provided as a separate supporting document.

2. Trees Removal Plan

Eight (8) large regulated trees on site are proposed for removal. As shown in the completed Mercer Island Tree Inventory & Replacement Submittal Information Form in Appendix B of this document, tree numbers proposed for removal are: 1, 2, 3, 4, 6, 8, 9, and 16. However, in Phase 1 (proposed ADU), only tree 8 and 9 will be removed. The remaining trees will be removed at a later time during phase 2/3 of the project (See project narrative for details).

See provided site plan and arborist report for the location of tree #8 and #9.

Reason for Tree #8 Removal: Hemlock Tree (DBH: 36") is a hazard tree with co-dominant base with included bark and missing structural wood. It is leaning toward the house and has base cavity as confirmed by the certified arborist. Removal is necessary to prevent property damage and safety hazards.

Reason for Tree #9 Removal: Western Red Cedar (DBH: 24") is in the way of the proposed ADU intended for construction path and prevent necessary installation of site improvements (walkway and utilities). Removal is necessary for site improvement and construction of the proposed ADU.

3. Trees Replacement Plan

In Phase 1 (proposed ADU), only tree 8 (DBH: 36") and tree 9 (DBH: 24") will be removed. Therefore, per MICC 19.10.070 – tree replacement, removed trees shall have the following replacement as shown in table below.

Diameter of Removed Tree	Tree Replacement Ratio	Number of Trees Proposed for Removal	Number of Three Required for Replacement Based on Size/Type
Less than 10"	1	0	0
10" up to 24"	2	1	2
Greater than 24" up to 36"	3	0	0
Greater than 36" and any Exceptional Tree	6	1	6
TOTAL TREE REPLACEMENT			8

As indicated in the arborist report and on the site plan, a row of 8 emerald green arborvitae trees (conifers) at least six feet tall will be planted as replacement trees south of the proposed ADU as shown in Figure 1 and Figure 2 below.

By installing these replacement trees at the boarder of the property south of the ADU, these trees won't interface with land improvement and building of the main home (north of the ADU) in near future in Phase 3 of the project, as well as providing needed privacy for the ADU in the future.

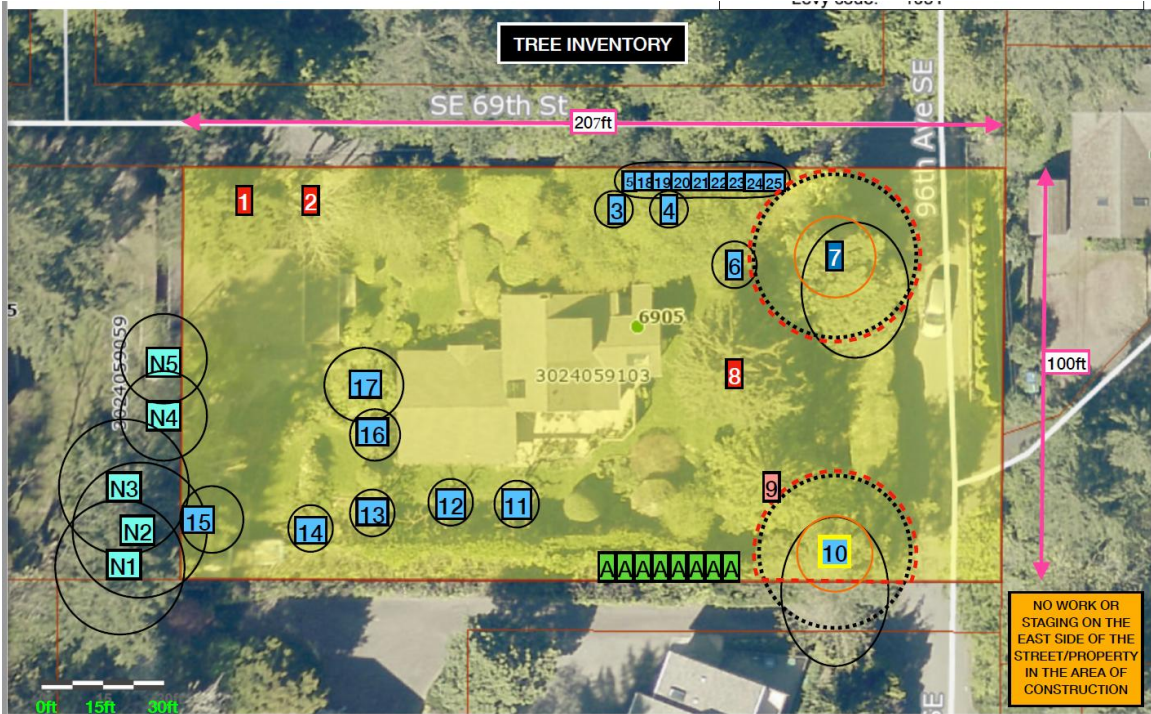


Figure 1: Approximately Location of Replacement Trees (designated with “A”) as shown in the Arborist Report

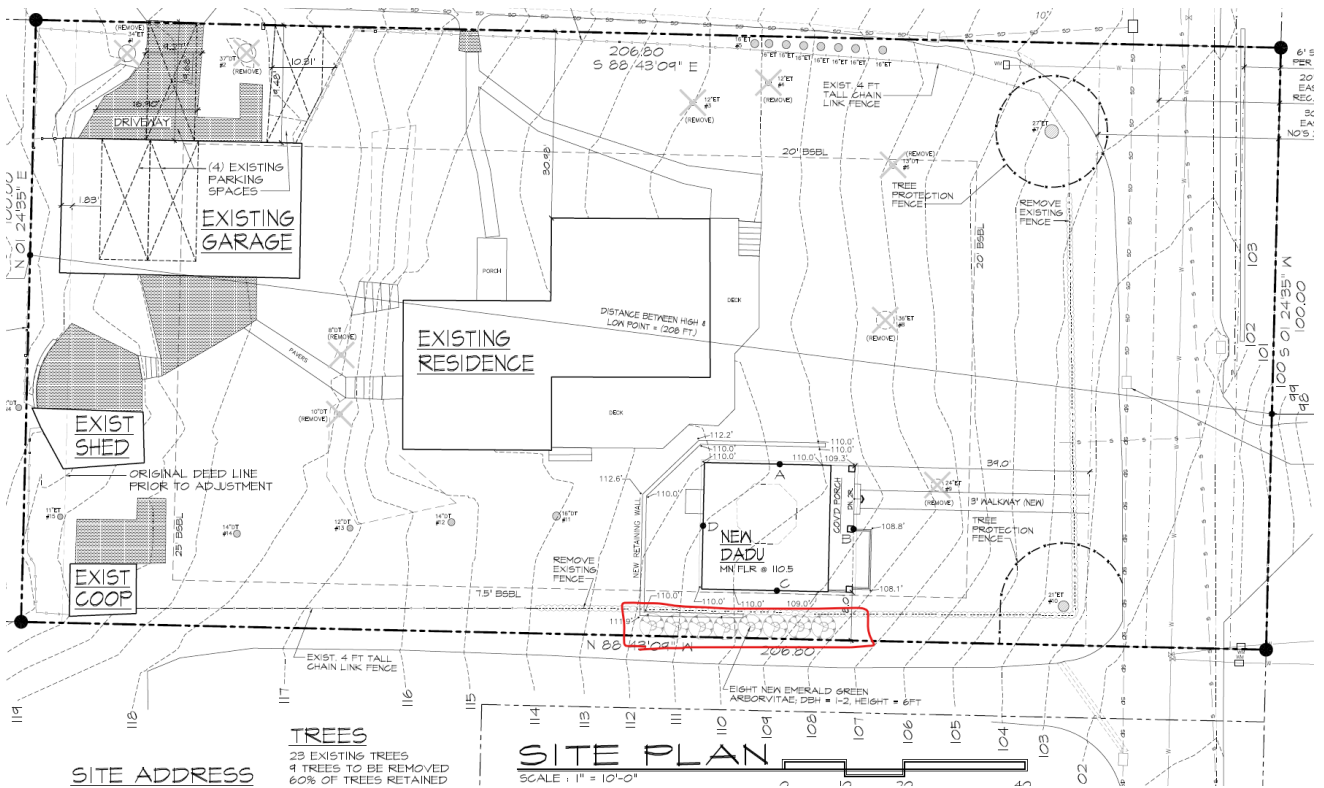


Figure 2: Approximately Location of Replacement Trees as shown on the Site Plan

Planting Replacement Trees Timing:

In the Pacific Northwest and the per MICC 19.10.070 (B)(5), the replacement trees shall be planted in the wet season between October 1 through April 1, following the applicable tree removal or completion of the development work. Assuming, we start construction on April 1, 2026, we should complete the ADU construction by end of 2026. Then we can immediately plant the replacement trees as shown in the site plan.

Note: we understand and will avoid planting trees when the ground is frozen or during hot, dry weather.

4. Support Documents

- Arborist report (in Appendix A herein and as separate supporting document)
- Mercer Island Tree Inventory & Replacement Submittal Information Form (in Appendix B herein and as separate supporting document)
- Site plan showing existing and proposed tree locations (separate document)

5. Owner Certification

I certify that the above information is accurate and that replacement trees will be maintained in healthy condition for at least 5 years after planting. I shall replant any replacement tree that dies, become diseased, or is removed during this five-year time period.

Signature: _____

Date: _____