CASCARA TREE CONSULTING
ARBORIST RESPONSE TO CITY REVIEW COMMENTS

TO:	Mr. Jintao (Addison) Cui
REFERENCE:	Arborist Response to City Review Comments RE: SUB22-009 (Cui Preliminary Short Subdivision)
SITE ADDRESS:	4833 90th Ave SE, Mercer Island, WA
DATE:	1/7/2024
PREPARED BY:	Katie Hogan, ISA Certified Arborist PN-8078A ISA Tree Risk Assessment Qualified

This report addresses the City of Mercer Island's comments dated December 29, 2023.

1.The tree protection fencing needs to match on all plan sheets. Sheet TR-01 and sheet C-5.0 need to match with the arborist recommendations.

Arborist Response: See the comment response provided by the Civil Engineer dated January 10th, 2024.

2. Tree 55 is a viable exceptional tree over 24 inches in diameter proposed for removal. Please speak to the code for justification of the removal of viable trees according to MICC 19.10.060(A)(3). Discuss and show in a diagram how if you protect the tree, you would not be able to obtain at least 85% of your maximum gross floor area. If this is the section of code you think best describes the reason for removing this tree.

Arborist Response: The below diagram illustrates a reduced building footprint for Lot 4 to adequately retain Tree #55. The reduced footprint results in a gross floor area of less than 85-percent of the allowable GFA per MICC 19.02.020(D) and, as such, the criteria of MICC 19.10.060(A)(3) are met supporting tree removal.

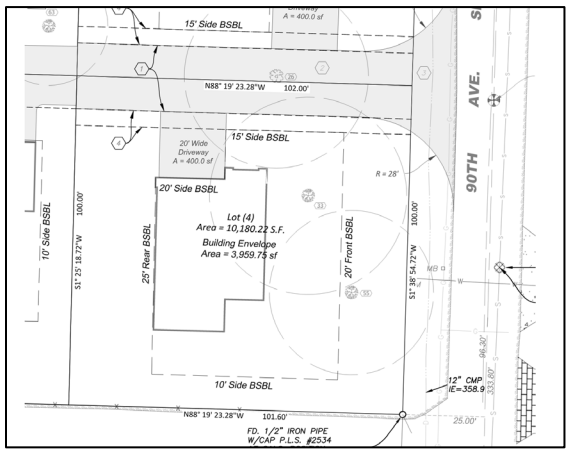

Figure 1. Diagram showing reduced house footprint necessary to preserve Tree #55.

3. Trees 7, 57, 61, 62, 65 are listed on the tree inventory worksheet as large regulated trees but are non-regulated since they are below 10 inches in diameter and do not become exceptional at that size. This will impact your percentage of trees to be retained. These trees are not required to be replaced since they are non-regulated.

Arborist response: These five trees have been removed from the tree table and sheet TR-01. With these 5 trees removed, overall tree retention for this project is now at 32.7-percent. See the provided updated Tree Calculation Worksheet.