

MEMORANDUM

TO: Madeline Sutherland
Assistant Planner
City of Camas Community Development Department

FROM: Kevin Terlep, ISA Certified Arborist# WE-10893A

RE: NW 18th Avenue Subdivision (SUB22-02) Tee Survey

DATE: November 21, 2022

Ms. Sutherland:

This purpose of this memo to provide the basis and justification for tree removals associated with the NW 18th Avenue Subdivision (SUB22-02) Project.

On October 28, 2021, Mackay Sposito (MSI), at that time, Olson Environmental, LLC) prepared an arborist report for the trees located within the project area, as required by CMC 18.13.045. CMC 18.13.045(B)(2)(d) states that recommendation for retention versus removal of significant trees should give consideration to proposed grading, trenching, paving, fencing and other construction plans. Based on the footprint of the development, it is not practicable to maintain the tree protection zones necessary for retention, as required by CMC 18.030.50 and best management practices from the International Society of Arboriculture (ISA).

CMC 18.13.045(B)(2)(e) provides that hazard trees are to be evaluated based on the failure potential, size of part most likely to fail, and distance to target. In addition to these criteria, MSI utilized methodology established by the ISA *Tree Risk Assessment Manual* to assess on-site trees and their risk potential. The risk of target (people residences, etc.) impact is very high on this site. Many of the large, big-leaf maples (*Acer macrophyllum*) on the project site have already exhibited previous evidence of failure, including whole-tree, upper branch, and partial stem failures. In addition, most of the large maples on-site are over mature and showing signs of moderate to extreme decay and other structural defects. This is of particular concern along the eastern property boundary, south of the existing guest house, and the landscape island north of the existing house. With an eventual increase in occupancy of the area resulting from the subdivision and its construction, public safety would be at risk if trees were not removed.

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For these reasons, it is my professional opinion that all trees on-site should be removed.

Thank you,

**Kevin
Terlep**

Digitally signed by Kevin Terlep
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Date: 2022.11.21 14:03:23 -08'00'

Kevin Terlep

ISA Certified Arborist# WE-10893A