

August 10, 2022

Mr. Tony Lopez
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Re: Tree Protection - Malone 4214 - 86<sup>th</sup> Ave SE, Mercer Island, WA

Justin,

At your request I have inspected two trees standing on the northwest edge of the Malone property at 4214 – 86<sup>th</sup> Ave SE and on the southwest edge of 4206 -86<sup>th</sup> Ave SE, in Mercer Island, WA.

 $4214~86^{th}$  Ave SE 36225-00010, 14,280 square feet. (Site plan attached)  $4206~86^{th}$  Ave SE 36225-00005, 14126 square feet

The plan calls for a storm drain to be installed about three to four feet south of the trees and two feet deep. Tree data is provided below. Both trees are in fair to good condition and should be retained.

Tree No	<u>Species</u>	<u>~Diameter</u> (inches)	<u>~Height</u> (feet)	Live Crown (%)	<u>Dripline</u> <u>Live limb</u> <u>extent</u> (feet)	<u>Comments</u>
1(offsite)	Douglas-fir (Psuedotsuga menziesii)	31	85	70	22	Minor pitching, slight butt swell
2(On site)	Cherry (Prunus sp)	18	22	80	16	Decay pockets at pruning wounds







Approximate Drain Location

Traditional open line excavation will sever up to 30-percent of the root systems of each tree, thus destabilizing and creating decay causing fungal entry points. A better solution is to air excavate (vacuum) the route and insert the pipe under and through the root system.

Damaged roots, if any should be cut cleanly if broken or covered with damp burlap if scraped until the native soil is replaced. In the event that roots over 2-inches in diameter are severed inadvertantly then a certified arborist should inspect those and make a determination of remedial actions.

## **Assumptions and Limiting Conditions**

- 1. Any legal description provided to the consultant is assumed to be correct. Ownership of the subject trees as provided by the client is assumed to be correct. No responsibility is assumed for legal matters.
- 2. Care has been taken to obtain all information from reliable sources. The consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
- 3. The consultant shall not be required to give testimony or attend court by reason of this report unless subsequent contractual arrangements are made, including additional fees.
- 4. This report and any values expressed herein represent the opinion of the consultant, and the consultant's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
- 5. The exhibits in this report are included to assist the reader and are not necessarily to scale.

- 6. Unless expressed otherwise, information in this report covers only items that were examined, and reflects the condition of those items at the time of inspection. The inspection is limited to visual examination of accessible portions of the trees.
- 7. Loss or alteration of any part of the report invalidates the entire report. Ownership of any documents related to this report passes to the client only.
- 8. The liability of ArborInfo LLC its contractors and employees is limited to the client only and only up to the amount of the fee actually received for the assignment.
- 9. There is no warranty suggested for any of the trees subject to this report. Weather, latent tree conditions, and future man-caused activities could cause physiologic changes and deteriorating tree condition. Over time, deteriorating tree conditions may appear and there may be conditions, which are not now visible which, could cause tree failure. This report or the verbal comments made at the site in no way warrant the structural stability or long-term condition of any tree, but represent my opinion based on the observations made.
- 10. Nearly all trees in any condition standing within reach of improvements or human use areas represent hazards that could lead to damage or injury.

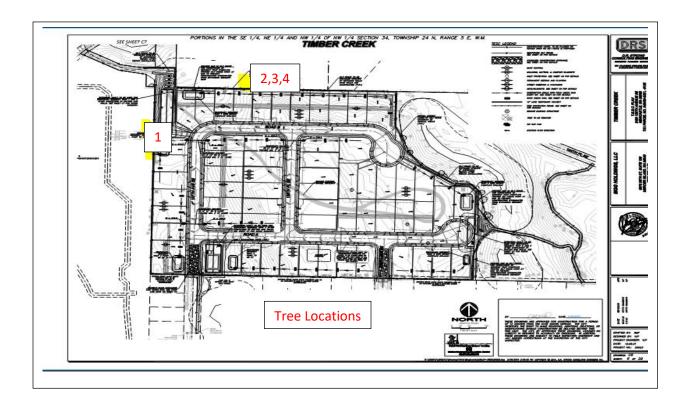
Best Regards,

Tom Hanson

CA 23136

PN0426A

Tree Risk Assessment Qualified (ISA)





Tree No. 1, showing lean



Tree No. 1 with seam and decay



Trees 2,3,4



Excavation limit under trees 2,3,4