



Name of Project:	Hazard tree removal - Tag #488
Location or Address:	37035 SE Olson St. Sandy, OR 97055

Map & Tax Lot #	T:	R:	Section:	Tax Lot (s):
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Request: See Arborist report attached.

I am the (check one) owner lessee of the property listed above, and the statements and information contained herein are in all respects true, complete and correct to the best of my knowledge and belief.

Applicant (if different than owner)	Owner Adam & Trisha Baldovinos
Address	Address 37035 SE Olson St.
City/State/Zip	City/State/Zip Sandy, OR 97055
Email	Email trisha.baldovinos@yahoo.com
Phone	Phone 503-756-9570
Signature	Signature Trisha B.

Staff Use Only

File #:	Date:	Fee\$:	Planner:	
Type of review:	Type I <input type="checkbox"/>	Type II <input type="checkbox"/>	Type III <input type="checkbox"/>	Type IV <input type="checkbox"/>
Has applicant attended a pre-app?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If yes, date of pre-app meeting:	

Axe Contracting LLC January 7, 2023

Tree Report and Level 3 Risk Assessment (35” Douglas fir *Pseudotsuga menziesii*) TAG# 488

Report Prepared By:

William Moore

ISA Arborist # MA-5479a

ISA Qualified Tree Risk Assessor Axe Contracting LLC LCB#100169

To Whom it may Concern:

The purpose of this Arborist Report and Risk Assessment is to present the observations gathered in a level 3 tree risk assessment. The data and observations may be used as discretionary evidence by concerned parties including but not limited to: the tree owner(s) and the City of Sandy, Oregon.

The owner(s) of 37035 Olson St. contacted Axe Contracting LLC for a level 3 arborist report after the lone, 35” DBH 161’ Douglas Fir tree in the back yard had dropped a 3.5” calliper limb, which punctured their roof in mid December 2022. The home owners had expressed concerns about the tree dropping other limbs frequently, with strong winds carrying them across the property. Axe Contracting LLC owner, William Moore responded to the request for a level 3 risks assessment using UAV technology. The UAV allowed for upper canopy inspection of limb breakout areas and tree height measuring without the impact of a climbing inspection. A level 3 risk assessment was performed January 7, 2023 using UAV to photograph and collect height data. Select photos will be included with this document.

Observations:

Arriving to the back yard of the home there is visible evidence of grade change and excavation within the critical root zone of the tree (fig.1). A closer look at the root flare showed signs of mechanical injury to structural root flare(fig.2). The root flare opposite the

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home does not show typical flare shape, but rather disappears straight into the ground. (Fig.3). The bole displays a 17’ long vertical fissure starting at 22” above grade. The depth of the fissure varies, at its visible deepest it is approx. 10” deep into the core of

the tree (Fi.4). The UAV was able to locate 3 live limb failures ranging from 2-3.5" with about 6' (fig.5). The UAV discovers a subordinate top with significant included bark. (Fig. 6).

Conclusion:

Time Frame: within one year from assessment

The likelihood of limb failure during severe weather conditions is probable, with the likelihood of limbs impacting a target is high, resulting in a high likelihood of failure.

The likelihood of complete tree failure during severe weather conditions is probable with a high likelihood of impacting a target.

The risk rating of this tree would then be classified as "**High Risk**" due to the likelihood of failure and impact and the consequences of the resulting impact being severe (critical damage to home, potential injury, potential to strike neighbouring home)

Risk Mitigation Recommendations:

The assessing arborist recommends removal of the tree to prevent damage to surround structures and mitigate the potential for injury.



Fig. 1 grade discrepancy



Fig.2 inconsistent root flare and mechanical structural root damage



Fig. 3 Inconsistent root flare

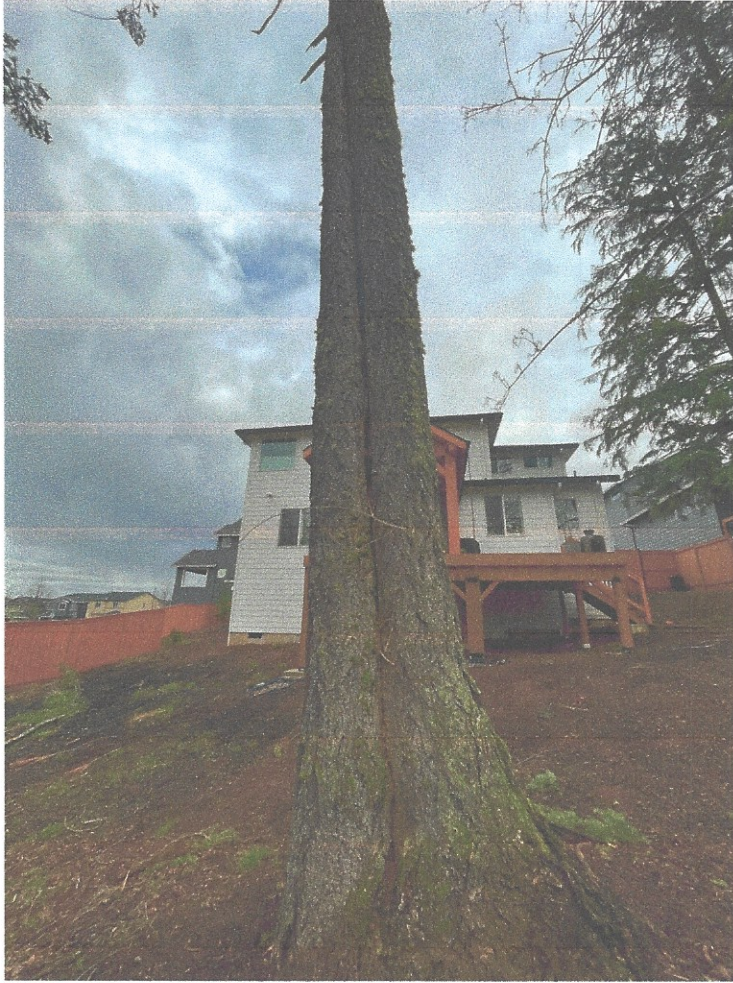


Fig. 4 Fissure



Fig. 5 live limb failure. Fig.6 (below) subordinate top with included bark

