



CERTIFIED ARBORIST REPORT

October 27, 2017

City of Sandy (Oregon)
Attn: Thomas Fischer
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This report has been prepared to independently address the current condition of a trees located within the City of Sandy, Oregon.

The report provides an opinion as to the current condition of the trees and any recommendations for services.

As the techniques and terminology of the Arboriculture industry are continuously evolving, we have provided some brief descriptions to assist with the review and understanding of this report.

This report was completed, reviewed and approved by the undersigned Certified Arborist and owner of Earth Care Designs, LLC dba Oregon Tree Care.

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TERMINOLOGY

Co-dominant Tree: A tree that extends its crown into the canopy and receives direct sunlight from above but limited sunlight from the sides. One or more sides of a co-dominant tree are crowded by the crowns of dominant trees. This also commonly refers to trees with multiple trunks and/or tops.

Habitat Snag: Tree "snag" is a term referring to a standing, dead or dying tree. Maintaining a habitat snag can be very beneficial to both the animals that use it and the people who get to see nature at work. Standing dead trees provide an amazing range of microhabitats.

Pruning: The act of sawing or cutting branches from a living tree generally involving thinning, deadwood removal and weight reduction to improve the overall health of a tree. The species and size/age of the tree will determine the proper amount of reduction and type of cuts performed.

Stress: Unfavorable deviation from normal. In arboriculture, the adverse alteration of tree health by abiotic or biotic factors.

Vigor: A measure of the increase in plant growth or foliage volume through time after planting.

SITE REVIEW

1. Meinig Park

- a. Alders (6 total) and Maples (4 total) around property
 - i. Dead/dying
 - ii. Recommendation: Reduction to habitat snag and others to near ground level
- b. Maple near SE Corner of park
 - i. Recommendation: proactive structural pruning for home owner
- c. Co-dominant Maple near playground
 - i. Recommendation: proactive structural pruning

2. Timberline Ridge

- a. Recommendation: Removal of dying Alder tree

3. Galloway

- a. Douglas-fir
 - i. Recommendation: proactive structural pruning on building side

4. 37390 Dubarko

- a. Alder trees (5 total)
 - i. Recommendation: Proactive structural pruning of (3) trees
 - ii. Recommendation: Extraction of (1) Alder caught in adjacent tree
 - iii. Recommendation: Removal of (1) dead Alder tree

5. Tickle Creek

- a. Numerous Cedars
 - i. Dead/dying
 - ii. Recommendation: Reduction to habitat snag and others to near ground level

Limits of Assignment

Unless stated otherwise: 1) Information contained in this report covers only those trees that were examined and reflects the condition of those trees at the time of inspection; and 2) The inspection is limited to visual examination of the subject trees without dissection, probing, or coring unless explicitly specified. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the subject trees may not arise in the future.

Methods

We used a Visual Tree Assessment (VTA) method to evaluate tree health and structure. VTA is based on the outward indications of tree stress and growth, as indicated by the formation of new tree parts, the shape of the new wood and the amount of live tissue. Trees adapt to current and past stress by growing wood to support themselves in an upright condition. This type of assessment is facilitated by our personal knowledge of tree growth as it relates to structural integrity.

Assumptions & Limiting Conditions

1. Consultant assumes that any legal description provided to Consultant is correct and that title to property is good and marketable. Consultant assumes no responsibility for legal matters. Consultant assumes all property appraised or evaluated is free and clear, and is under responsible ownership and competent management.
2. Consultant assumes that the property and its use do not violate applicable codes, ordinances, statutes or regulations.
3. Although Consultant has taken care to obtain all information from reliable sources and to verify the data insofar as possible, Consultant does not guarantee and is not responsible for the accuracy of information provided by others.
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6. Unless otherwise required by law, no part of this report shall be conveyed by any person, including the Client, the public through advertising, public relations, news, sales or other media without the Consultant's prior express written consent.
7. 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 specific value, a stipulated result, the occurrence of a subsequent event or upon any finding to be reported.
8. Sketches, drawings and photographs in this report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural reports or surveys. The reproduction of any information generated by architects, engineers or other consultants and any sketches, drawings or photographs is for the express purpose of coordination and ease of reference only. Inclusion of such information on any drawings or other documents does not constitute a representation by Consultant as to the sufficiency or accuracy of the information.

9. Unless otherwise agreed, (1) information contained in this report covers only the items examined and reflects the condition of those items at the time of inspection; and (2) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, climbing, or coring. Consultant makes no warranty or guarantee, express or implied that the problems or deficiencies of the plans or property in question may not arise in the future.

10. Loss or alteration of any part of this Agreement invalidates the entire report.

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