



Greenforest Incorporated



Consulting Arborist

TO: Susie Rosenstein
9789 SE 41st Street
Mercer Island WA 98040

REFERENCE: Arborist Report of Regulated Trees

SITE ADDRESS: 9789 SE 41st Street

DATE: February 7, 2017

PREPARED BY: Favero Greenforest, ISA Certified Arborist # PN -0143A
ISA Tree Risk Assessment Qualified
ASCA Registered Consulting Arborist[®] #379

Introduction

You contacted me and contracted my services as a consulting arborist. My assignment is to inspect and assess trees at the above referenced site. The purpose of this report is to establish the condition of the regulated trees to satisfy City of Mercer Island permit submittal requirements.

I received a topographic survey from Core Design. I visited the site 2/2/2017 and visually inspected the trees, both on the site, and on adjoining parcels within 15 feet of the parcel boundary. This report establishes the condition of 5 onsite trees, and 16 offsite trees.

TREE INSPECTION

I visually inspected each tree from the ground. I performed a Level 1 risk assessment.¹ This is the standard assessment for populations of trees near specified targets, conducted in order to identify obvious defects or specified conditions such as a pre-development inventory. This is a limited visual assessment focuses on identifying trees

¹ Companion publication to the ANSI A300 Part 9: Tree Shrub and Other woody Plant Management – Standard Practices, Tree Risk Assessment. 2011. ISA.

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with imminent and/or probable likelihood of failure, and/or other visible conditions that will affect tree retention.

I recorded tree species and size (DBH). I estimated the average dripline of each tree. I rated the condition of each tree, both health and structure. A tree's structure is distinct from its health. This inspection identifies what is visible with both.

High-risk trees can appear healthy in that they can have a dense, green canopy. This may occur when there is sufficient sapwood or adventitious roots present to maintain tree health, but inadequate strength for structural support.

On the other hand, trees in poor health may or may not be structurally stable. For example, tree decline due to root disease is likely to cause the tree to be structurally unstable, while decline due to drought or insect attack may not.

One way that tree health and structure are linked is that healthy trees are more capable of compensating for structural defects. A healthy tree can develop adaptive growth that adds strength to parts weakened by decay, cracks, and wounds.

This report identifies unhealthy trees based on existing health conditions and tree structure, and specifies which trees are most suitable for preservation.²

No invasive procedures were performed on any trees. The results of this inspection are based on what was visible at the time of the inspection.

The attached inventory summarizes my inspection results and provides the following information for each tree:

Tree number as shown on the attached exhibit.

DBH Stem diameter in inches measured 4.5 feet from the ground. (Multiple-stemmed trees are reported as a single integer, calculated as the square root of the sum of the stem's squared, or, stem diameter measured below the branch attachments, when branches attach below the standard height of 4.5 feet.)

Tree Species Common name.

² Companion publication to the ANSI A300 Part 5: Tree Shrub and Other woody Plant Maintenance – Standard Practices, Managing Trees During Construction. 2008. ISA.

Dripline Average branch extension from the trunk as radius in feet. For offsite trees, this is reported as the length of branches overhanging the property line.

Health and Structure ratings '1' indicates no visible health-related problems or structural defects, '2' indicates minor visible problems or defects that may require attention if the tree is retained, and '3' indicates significant visible problems or defects and tree removal is recommended.

Visible defects Obvious structural defects or diseases visible at time of inspection.

Limitations and Use of this Report

This tree report establishes, via the most practical means available, the existing conditions of the trees on the subject property. Ratings for health and structure, as well as any recommendations are valid only through the development and construction process. This report is based solely on what is readily visible and observable, without any invasive means.

There are several conditions that can affect a tree's condition that may be pre-existing and unable to be ascertained with a visual-only analysis. No attempt was made to determine the presence of hidden or concealed conditions which may contribute to the risk or failure potential of trees on the site. These conditions include root and stem (trunk) rot, internal cracks, structural defects or construction damage to roots, which may be hidden beneath the soil. Additionally, construction and post-construction circumstances can cause a relatively rapid deterioration of a tree's condition.

Attachments:

1. Assumptions and Limiting Conditions
2. Certificate of Performance
3. Significant Tree Inventory
4. Site Exhibit

Attachment No. 1 - Assumptions & Limiting Conditions

1. A field examination of the site was made 2/2/2017. My observations and conclusions are as of that date.
2. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however, the consultant/arborist can neither guarantee nor be responsible for the accuracy of information provided by others.
3. I am not a qualified land surveyor. Reasonable care was used to match the trees indicated on the sheets with those growing in the field.
4. Construction activities can significantly affect the condition of retained trees. All retained trees should be inspected after construction is completed, and then inspected regularly as part of routine maintenance.
5. Unless stated other wise: 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, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied that problems or deficiencies of the subject tree may not arise in the future.
6. All trees possess the risk of failure. Trees can fail at any time, with or without obvious defects, and with or without applied stress. A complete evaluation of the potential for this (a) tree to fail requires excavation and examination of the base of the subject tree. Permission of the current property owner must be obtained before this work can be undertaken and the hazard evaluation completed.
7. The consultant/appraiser shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made.

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Attachment No. 2 - Certification of Performance

I, Favero Greenforest, certify that:

- I have personally inspected the trees and the property referred to in this report and have stated my findings accurately.
- I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved.
- The analysis, opinion, and conclusions stated herein are my own and are based on current scientific procedures and facts.
- My analysis, opinion, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices.
- No one provided significant professional assistance to me, except as indicated within the report.
- My compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client of any other party nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

I further certify that I am a member in good standing of International Society of Arboriculture (ISA), and the ISA PNW Chapter, I am an ISA Certified Arborist (#PN-0143A) and am Tree Risk Assessment Qualified, and am a Registered Consulting Arborist® (#379) with American Society of Consulting Arborists. I have worked as an independent consulting arborist since 1989.

Signed:


GREENFOREST, Inc.

By Favero Greenforest, M. S.

Date: December 7, 2016

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Attachment No. 3 – Significant Tree Inventory

Tree No.	DBH* (Inches) or Height (Feet)	Tree Species	Dripline Radius in Feet	Health	Structure	Visible Defects
1	8"	Kousa dogwood	9'	1	1	
2	7"	Kousa dogwood	8'	1	1	
3	6"	Kousa dogwood	8'	1	1	
4	13"	Scots pine	10'	1	2	Asymmetric canopy
5	12"	Fig	13'	1	1	
Offsite Trees			Overhang PL (Ft.)			
A	26"	Red oak	25'	1	1	
B	34"	Red oak	25'	1	1	
C	16'	Mt. hemlock	2'	1	1	
D	17'	Mt. hemlock	2'	1	1	
E	20'	Mt. hemlock	3'	1	1	
F	14'	Deodar cedar	14'	1	1	
G	18"	Plum	12'	2	2	Mal-pruned, poor structure
H	18"	Scots pine	12'	1	1	
I	25'	Grand fir	7'	1	1	
J	18'	Western red-cedar	4'	1	1	
K	6"	Plum	18'	2	2	Diseased, mal-pruned
L	6"	English hawthorn	10'	2	2	
M	8"	English hawthorn	9'	2	2	
N	20"	Bigleaf maple	10'	1	1	
O	28"	White oak	12'	1	1	
P	8"	Japanese snowbell	2'	1	1	

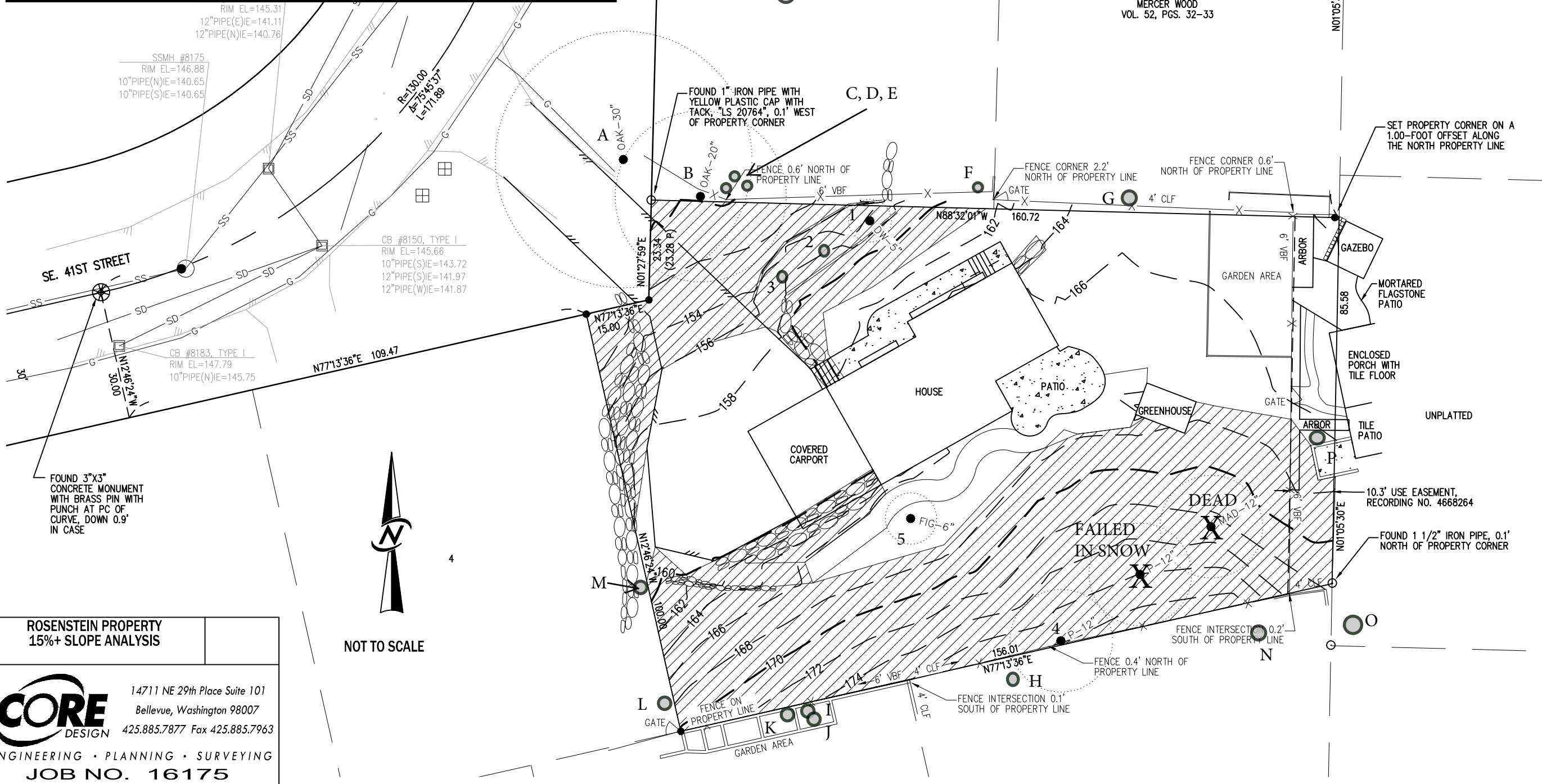


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 Attachment No. 4 – Site Exhibit

ONSITE TREES: 1-5
 OFFSITE TREES: A-P
 ○ = ADDED TREE

2
 BLOCK J
 MERCER WOOD
 VOL. 52, PGS. 32-33

UNPLATTED



ROSENSTEIN PROPERTY
 15%+ SLOPE ANALYSIS

NOT TO SCALE

CORE DESIGN
 ENGINEERING • PLANNING • SURVEYING
 JOB NO. 16175

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