

APPROVED

PO Box 458 * Veneta, OR 97487 * 541-935-2191 * fax 541-935-1838 * www.venetaoregon.gov

Planning File: TP-24-13Date Received: 9-10-2024

Application Fee: No Charge

Receipt #: N/A

SEP 10 2024

Applicant Name: Cassandra A. Coleman-BrysonMailing Address: P.O. Box 1534City/State/Zip: Veneta, OR 97487Applicant Phone: 541-510-9749Applicant Email: genuinejungue@gmail.comProperty Owner Name: Bruce A. Bryson AND Cassandra A. Coleman-BrysonMailing Address: P.O. Box 1534City/State/Zip: Veneta, OR 97487Property Owner Phone: 541-510-9749Property Owner Email: genuinejungue@gmail.com

Assessor's Map Number (Township, Range, Section, Quarter Section)

Tax Lot(s)

Site Address

Zone

MAP and Tax lot: 18 06 01 12 00200Property Tax Account number: 182738324926 Strike Street

Please provide a brief description of the trees proposed for removal, including common name, health and diameter at breast height (dbh @ 4 1/2' above grade) or circumference. (Note: dead trees do not count towards the three allowed removals, but should be indicated to allow verification of tree condition by City Staff.)

Tree #	Common Name	Health	DBH or Circ
1	<u>Red Maple (Acer rubrum)</u>	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Poor <input checked="" type="checkbox"/> Dead <u>DYING</u>	<u>DBH 16 inches AT NEAREST INCH</u>
2		<input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Dead	
3		<input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Dead	
4		<input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Dead	
5		<input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Dead	
6		<input type="checkbox"/> Good <input type="checkbox"/> Poor <input type="checkbox"/> Dead	

Please provide a brief explanation of why tree removal is necessary:

Please see report prepared by Arborist Alby Thomsin of Sperry Tree Care. It includes Mr. Thomsin's credentials, his recommendation to remove the red maple located on the north side of the lawn, and pictures supporting his recommendations.

Would you like to receive assistance from the tree fund to plant a new tree? ☒ Yes ☒ No

only if mandated by the Home Owners Association

Please provide a sketch of the location and number of trees in relation to surrounding structures, property lines, etc., sufficient to allow City staff to locate the trees in question:

D R I V E W A Y	STRIKE Street			P R O P E R T Y L I N E
	tree	Median	tree light pole	
	Sidewalk			
	TREE "North" This is the tree that needs to be removed	LAWN	TREE "SOUTH"	
HOUSE - 24926 Strike Street Veneta, Oregon				

EAST
NORTH ← ↑ ↓ → SOUTH
WEST

I HEREBY STATE THAT THE FACTS RELATED IN THE ABOVE APPLICATION AND THE PLANS AND DOCUMENTS SUBMITTED HEREWITH ARE TRUE, COMPLETE, CORRECT, AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

Applicant's Signature: Cassandra A. Coleman-Bryson
Property Owner's Signature: Cassandra A. Coleman-Bryson

Staff Comments:
Approved - please keep a copy of the signed permit available during removal

Patricia Trubey
Veneta Building & Planning Official

9-11-2024
Date

August 26, 2024

CONSULTATION REPORT

Prepared For:

Sandy Bryson

24926, Strike St

Veneta, OR 97487

Prepared By:

Alby Thoumsin

PNWISA Certified

Arborist #1168

PNWISA Tree Risk Assessment
Qualified

ASCA Registered Consulting
Arborist #452





Dear Sandy,

The following is the report you asked me to prepare regarding the decline of your Red Maple (*Acer rubrum*) and the potential conflict of the surface roots of the adjacent street Red Maples with the existing sidewalk. I hope you will find the report useful and I invite you to contact me should you have any questions.

Alby

SUMMARY

Background and History

Sandy Bryson called our office on August 9th, 2024 with questions regarding her Red Maple trees located in her front yard as well as the two street trees (also Red Maples) that seem to create an early conflict with the sidewalk in front of her house. Sandy lives in an H.O.A. that regulates the removal and plantings of the private trees and the street trees belong to the City of Veneta, OR. Before any measure was to be taken, Sandy Bryson needed a consultation with an ISA Certified Arborist to evaluate the situation.

INTRODUCTION

Assignment

1. Determine reason of decline of Red Maple (north tree) in front yard.
2. Demonstrate extend of root system of two Red Maples in the Right Of Way and risks for damage for infrastructure.
3. Provide recommendations based on findings.
4. Report writing

Limits of Assignment

Observations were made above grade; no excavation for estimation of root health or location was performed. I didn't collect any samples for lab analysis.

OBSERVATIONS

The Site

The property is located at 24926, Strike St in Veneta, OR. It is part of a small subdivision recently built (approx. 10 to 15 years ago) off Bolton Hill Road. The terrain is mainly flat and void of large existing trees, with new landscapes and young shade trees and shrubs. The nature of the soil is reddish clay and very compacted.

The Subject Trees

The two trees in Sandy Bryson's front yard are Red Maples, planted approx. 7 years ago in a modest-size front yard (approx. 20ft X 15ft). Both trees are placed in a north-south axis and maximum 10ft away and east of the house foundation. The north tree is approx. 4ft south of the driveway and 6ft west of the sidewalk.


The north tree is showing obvious decline in the form of sparse foliage with early signs of fall color in approx. 50% of the crown. A closer examination of the trunk and lower branches shows exudations of dark sticky liquid and the flare of the trunk (natural widening of the trunk as it meets the main roots) is not visible but rather severely constricted by a network of girdling roots (see pictures in Supporting Materials).

The south tree, similar in diameter, crown and height (respectively 7" in diameter and max. 15ft tall) appears healthy but also shows a network of girdling roots. Neither tree has been pruned since their installation.

The two street trees are slightly larger and were planted in a fairly wide planting strip which is part of the Right-of-Way. They also show crowns that have not been maintained yet but are healthy. All the four subject trees show very obvious surface roots, with many of the roots of the street trees growing directly towards the sidewalk, the largest one being approx. 2.5" in diameter. (See pictures in Supporting Materials).

CONCLUSIONS

When a new subdivision is built, an inevitable step to its completion is the use of heavy machinery necessary to compact the soil. The result is very dense and hard soil lacking porosity and the ability to absorb rain or having natural gas exchange with the atmosphere. If, in addition to that, it is done on very poor soil which is the one available in this case, it only makes matters worse for any plant or tree planted.



In order to have a successful planting in such conditions, one needs to choose a tree species designed for the soil type, the planting technique needs to be flawless (assuming the tree was grown properly) and the watering needs to be adequate for the establishment period.

In my experience, the Red Maple, however semi-tolerant to heavy soils, is not well suited to our dry summers, being a NE US native tree. Unfortunately, the nursery industry all too often sells trees that have been maintained too long in plastic containers which creates circling (to become girdling) roots. If the trees are planted without taking the time to loosen the root ball or sometimes surgically remove girdling roots, the trees are bound to be severely stressed in any soil type, let alone heavy compacted clay.

Sandy Bryson's north Red Maple is a perfect example of such tree. The stress from what I describe above has made the tree susceptible to a canker disease called *Phytophthora* (*Phytophthora sp.*), visible in the form of the dark sap exudation. The tight network of girdling roots is only worsening the situation and I strongly believe the tree is bound to die within a couple of years.

The south tree has the girdling root issue by appears healthy at this time but the roots are beyond the moment when they could have been fixed. The two street trees will keep on growing and the nature of the soil will maintain the roots right on the surface. They will inevitably start to lift the sidewalk within a year or two.

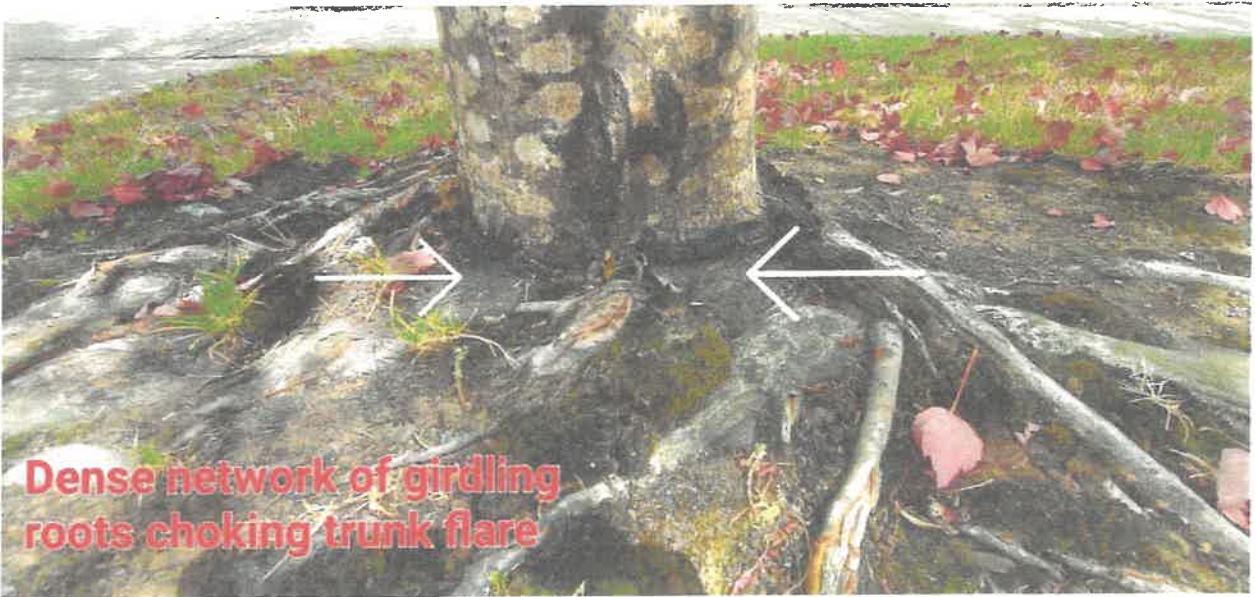
RECOMMENDATIONS

I strongly recommend the removal of the north Red Maple in Sandy Bryson's front yard as well as the grinding of its stump. If a new tree is allowed to be planted, the species needs to be well suited for the soil type, space (not enough room for a large shade tree) and climate.

The south tree should be pruned for structure and to lift the crown for clearance for mowing and preventatively for the house. The two street trees should have their roots severed right along the east edge of the sidewalk to prevent the lifting of the sidewalk; this procedure will need to be repeated every two to three years. Both trees also need to be pruned for structure and for street and pedestrian clearance.

SUPPORTING MATERIALS



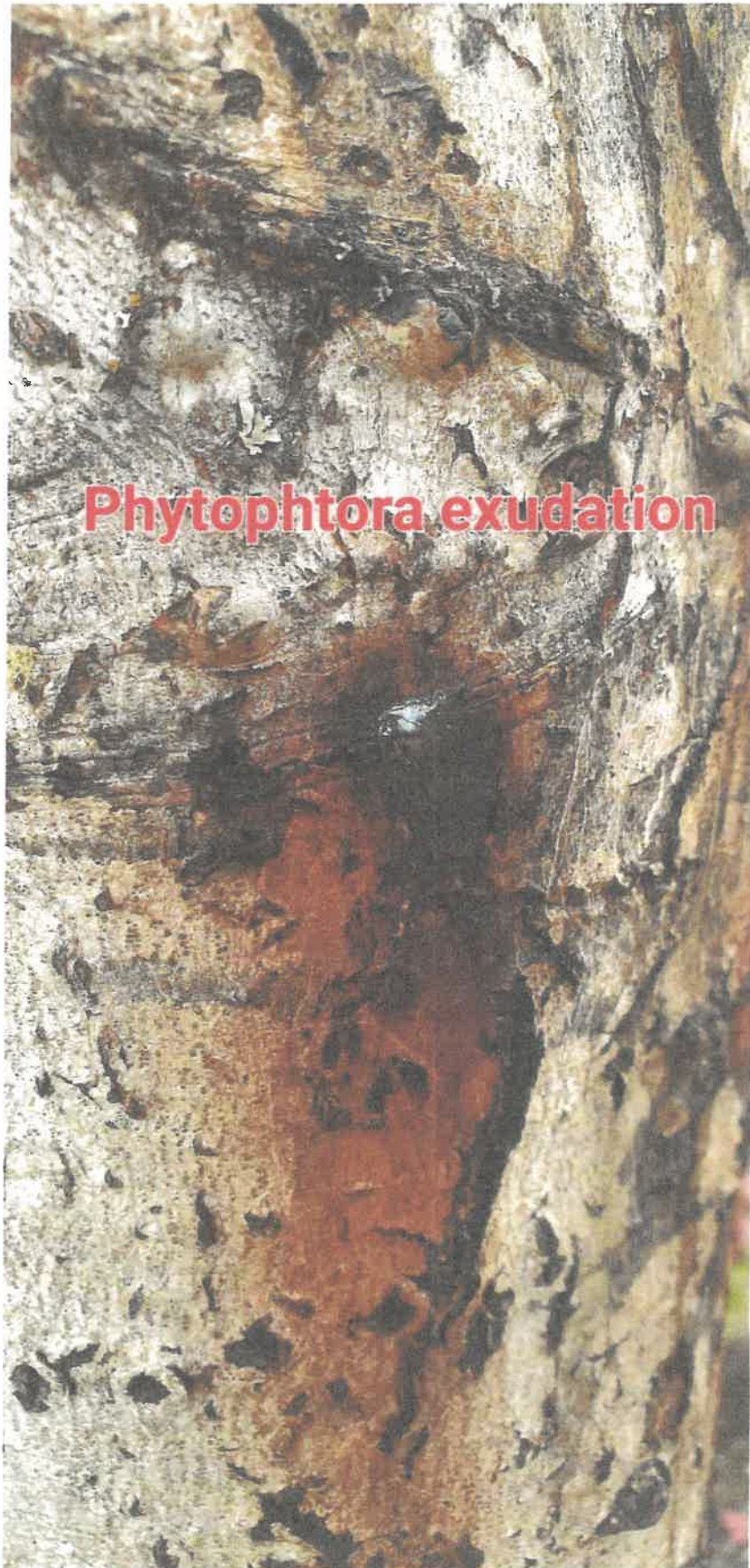


Dense network of girdling roots choking trunk flare

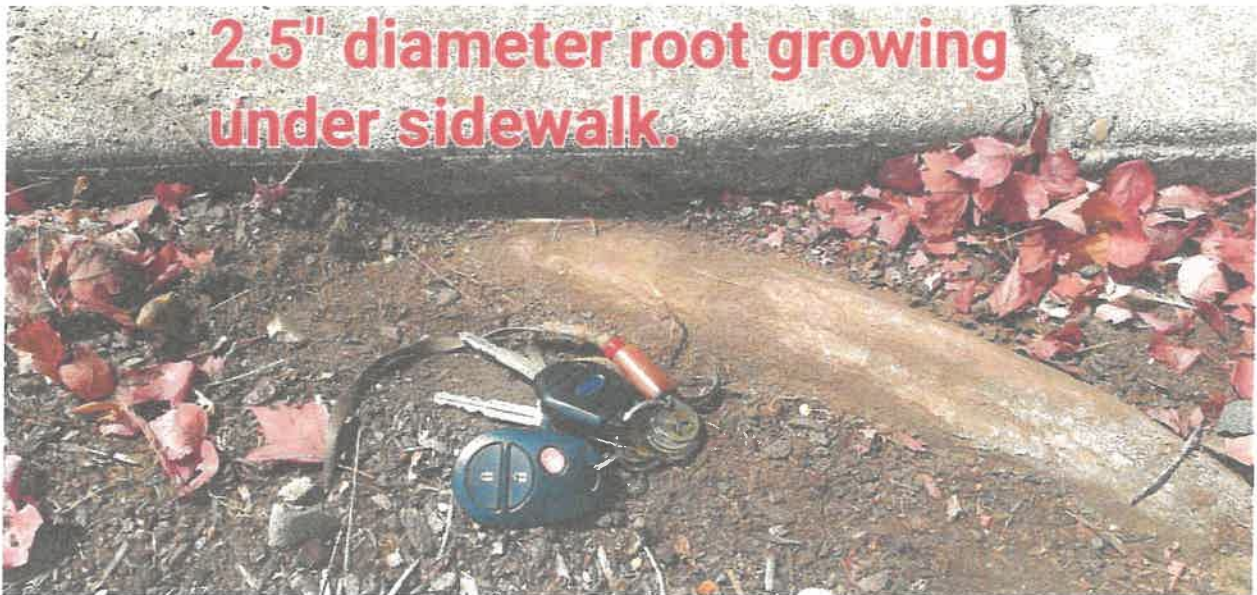




**Phytophthora visible 6ft
above grade**



Phytophthora exudation



Assumptions and Limiting Conditions

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.

Consultant shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made, including payment of additional fees.


Any legal description provided to the consultant is assumed to be correct. No responsibility is assumed for matters legal in character.

Missing pages or alteration of this report invalidates entire report.

Possession of this report does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressed written or verbal consent of the consultant.

Neither all nor any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales or other media, without the expressed written or verbal consent of the consultant.

Information contained in this report reflects the conditions present at the time of inspection.



Inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.

Respectfully submitted,



Alby Thoumsin

PNWISA Certified Arborist # 1168

PNWISA Tree Risk Assessment Qualified

ASCA Registered Consulting Arborist #452