

HAZARDOUS TREE ASSESSMENT TREE SPECIES IDENTIFICATION AND PATTERNS OF FAILURE

(You must be an Arborist or Forester to complete this form.)

Name of Arborist/Forester Preparing this Assessment: _____

License or Certification # _____

Telephone Number: _____

Property Owners Name: _____

Date: _____

Property Address: _____

Map/Lot Number: _____ / _____

Property Owner's Telephone Number: _____

Identify pattern(s) of tree failure by species using the Key* at the bottom of the page. Record the corresponding letter(s) in the second column.

Tree #	Species	Patterns of Tree Failure
<i>Example</i>	<i>Box Elder</i>	<i>A</i>
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____
9	_____	_____
10	_____	_____
11	_____	_____
12	_____	_____
13	_____	_____
14	_____	_____

Supply a Map/Sketch of the property showing the local of the above trees by the reference number.

KEY

Patterns of Tree Failure

- A** Co-dominant trunks (v-crotch)
- B** Trunk lean
- C** Trunk decay

- D** Branch decay and deadwood
- E** Poor trunk taper, low live crown ratio
- F** Excessive branch end weight

HAZARD TREE INSPECTION AND ASSESSMENT

Please use a separate sheet for each tree.

This sheet may be photo copied for additional trees.

Location: _____ Date _____

Refer to the Keys/Footnotes page attached page 3.

Tree # _____

Species _____ DBH _____

What are the patterns of failure for this species? ¹ _____

What tree defects (if any) do you observe? ² _____

Is the tree a hazard? Yes _____ No _____ Hazard to Person _____ Property _____

What tree part(s) is most likely to fail? _____

Are there site conditions that exacerbate the hazard potential? ³ _____

Does it appear that the hazard can be abated? Yes _____ No _____

What method of abatement might be implemented? ⁴ _____

Should the tree be removed? Yes _____ No _____

Will the removal of this tree impact adjacent trees or shrubs? Yes _____ No _____

Should the tree be replaced? Yes _____ No _____

With what species? _____

Attach a **Photo of the Tree** is for the record:

Comments? _____

By completing this form, you as the licensed professional, are asking the town to forgo Planning Board review, based on the minimum removal of hazard trees. By signing this form you also affirm that you will be responsible for oversight of the vegetation removal, as well as any necessary restoration work. The removal of said trees, and any replanting of replacement trees or shrubs, will leave the property in compliance with the Town of Boothbay Harbor's Shoreland Zoning Ordinance standards or will maintain or improve the current site conditions. **Under no circumstances can the removal of vegetation result in new nonconformities or expand existing nonconformities.**

Signature of Arborist/Forester Preparing this Assessment: _____ Date: _____

HAZARD TREE INSPECTION AND ASSESSMENT

KEYS/FOOTNOTES

¹Patterns of Tree Failure

A	Co-dominant trunks (v-crotch)	D	Branch decay and deadwood
B	Trunk lean	E	Poor trunk taper, low live crown ratio
C	Trunk decay	F	Excessive branch end weight

²Tree Defects

A	Dead tree	K	Cavity
B	Co-dominant trunks (v-crotch)	L	Cankers/burls
C	Trunk lean	M	Conks
D	Leaning and soil heaving	N	Carpenter ants
E	Leaning and roots broken	O	Woodpecker damage
F	Leaning and soil cracking	P	Hangers
G	Undermined (roots below root crown exposed soil fallen or washed away)	Q	Branch decay, deadwood, stubs
H	Cracks/splits in trunk	R	Poor trunk taper, low live crown ratio
I	Girdling	S	Excessive branch end weight
J	Wound	T	Previous failure
		Other	_____

³Site Conditions that Increase Potential for Tree Failure

A	Site clearing and/or thinning
B	Grade change
C	Soil Disturbance
D	Shallow soil
E	Poor drainage
F	History of tree failure
G	Exposure to high wind speeds

⁴Hazard Abatement

A	Pruning
	A-1 Remove defective part
	A-2 Remove deadwood
	A-3 Reduce crown
B	Cabling/bracing

⁵Tree Removal

Caution: If adjacent trees and shrubs are to be preserved, then the tree may need to be sectioned and lowered by a Maine-licensed Forester or Arborist. Also, Maine law requires any tree removal for hire, other than Timber Harvesting must be performed by a licensed Forester or Arborist, removal of trees within or about the area of Utility Lines may only be accomplished by a Forester or Arborist licensed to perform such work.