PUBLIC WORKS COMMITTEE

MEETING November 5, 2019

9:00A.M.

Brighton Town Hall

DOWNSTAIRS MEETING ROOM

DRAFT AGENDA

MEETING CALLED TO ORDER:

APPROVE MINUTES:

PUBLIC REVIEW OPEN FORUM: -

COMMUNICATIONS: None

BIDS:

MATTER RE: Refuse Collection

NEW BUSINES

MATTER RE: Geothermal Regulations

MATTER RE: Snow and Ice Agreements

TREES:

MATTER RE:

Address	Description	Recommendation
207 Orchard Drive	36" Maple	Remove and Replace
75 Tarrytown Road	34" Maple	Remove and Replace
200 Pelham Road	34" Sugar Maple	Remove and Replace
104 Shoreham Drive	24.5" Silver Maple	Remove and Replace at Alt. Loc.
104 Shoreham Drive	46" Silver Maple	Remove and Replace at Alt. Loc.
20 Modelane	38" Silver Maple	Remove and Replace
32 Modelane	43" Silver Maple	Remove and Replace
Vacant Lot North of 140 Park Circle	27" Ash Tree	Remove
14 Drury Lane	14" Pine	Remove
Highland Crossing Trial	Ash Trees	Multiple Removals
National Grid	Ash Trees	Multiple Removals

UPDATES:

MATTER RE: Browncroft Subdivision Speed Reduction and Shaftsbury/Clover Intersection Traffic Control

MEETING ADJOURNED:

NEXT COMMITTEE MEETING: December 3, 2019 at 9:00 A.M

Town of
Brighton

Public Works Department

Mike Guyon, P.E.
Commissioner of Public Works

September 24, 2019

The Honorable Tree Council
Town of Brighton
2300 Elmwood Ave.
Rochester, New York

Re: Trees Evaluations and Recommendations

Honorable Members:

I request your review and comment regarding the proposed recommendations of the following tree(s):

Address	Description	Recommendation
207 Orchard Drive	36" Maple	Remove and Replace
75 Tarrytown Road	34" Maple	Remove and Replace
200 Pelham Road	34" Sugar Maple	Remove and Replace
104 Shoreham Drive	24.5" Silver Maple	Remove and Replace at Alt. Location
104 Shoreham Drive	46" Silver Maple	Remove and Replace at Alt. Location
20 Modelane	38" Silver Maple	Remove and Replace
32 Modelane	43" Silver Maple	Remove and Replace
Vacant Lot North of 140 Park Circle	27" Ash Tree	Remove
14 Drury Lane	14" Pine	Remove

All of the above trees exhibit compromised health, structural deficiencies and/or safety issues as noted in the attached reports. Each location is a cause for concern of the general public which supports the recommendation to trim, remove and replant these trees as noted.

Thank you for your attention to this matter and I look forward to your review of these trees.

Respectfully,

Michael E. Guyon
Commissioner of Public Works

Attachments

Cc: Tim Anderson

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 207 ORCHARD DR

Map/Location:

Owner: public ____ private ____ unknown ____ other ____

Date: 9-10-19 Inspector: CARROLL LOVELESS

Date of last Inspection:

HAZARD RATING:

4 (Failure Potential) + 4 (Size of part) + 4 (Target Rating) = 12 (Hazard Rating)

✓ Immediate action needed

____ Needs further inspection

✓ Dead tree

TREE CHARACTERISTICS

Tree #: ONE **Species:** MAPLE

DBH: 36 **# of trunks:** ONE **Height:** 50T **Spread:** ____

Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☒ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: ~50 % **Age class:** ☐ young ☐ semi-mature ☒ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☒ multiple pruning events Approx. dates: ____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☒ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

DEAD TREE

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☒ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☒ sparse **Leaf size:** ☐ normal ☒ small

Annual shoot growth: ☐ excellent ☐ average ☒ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☐ average ☒ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☒ poor

Major pests/diseases: POSSIBLE ANTS

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other ____

SITE CONDITIONS

Site Character: ☒ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☒ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☒ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% ☒ 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% ☒ 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: ____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ ____

Exposure to wind: ☐ single tree ☒ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☐ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: ☐ severe ☐ moderate ☐ low Undermined: ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk Root area affected: _____% Buttress wounded: Y N When: _____

Restricted root area: ☐ severe ☐ moderate ☐ low Potential for root failure: ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: _____ Lean severity: ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

DEAD TREE

HAZARD RATING

Tree part most likely to fail: SCAFFOLDS OVER HOUSE

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);
3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use;
3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ Inspect further: ☐ root crown ☐ decay ☐ aerial ☐ monitor

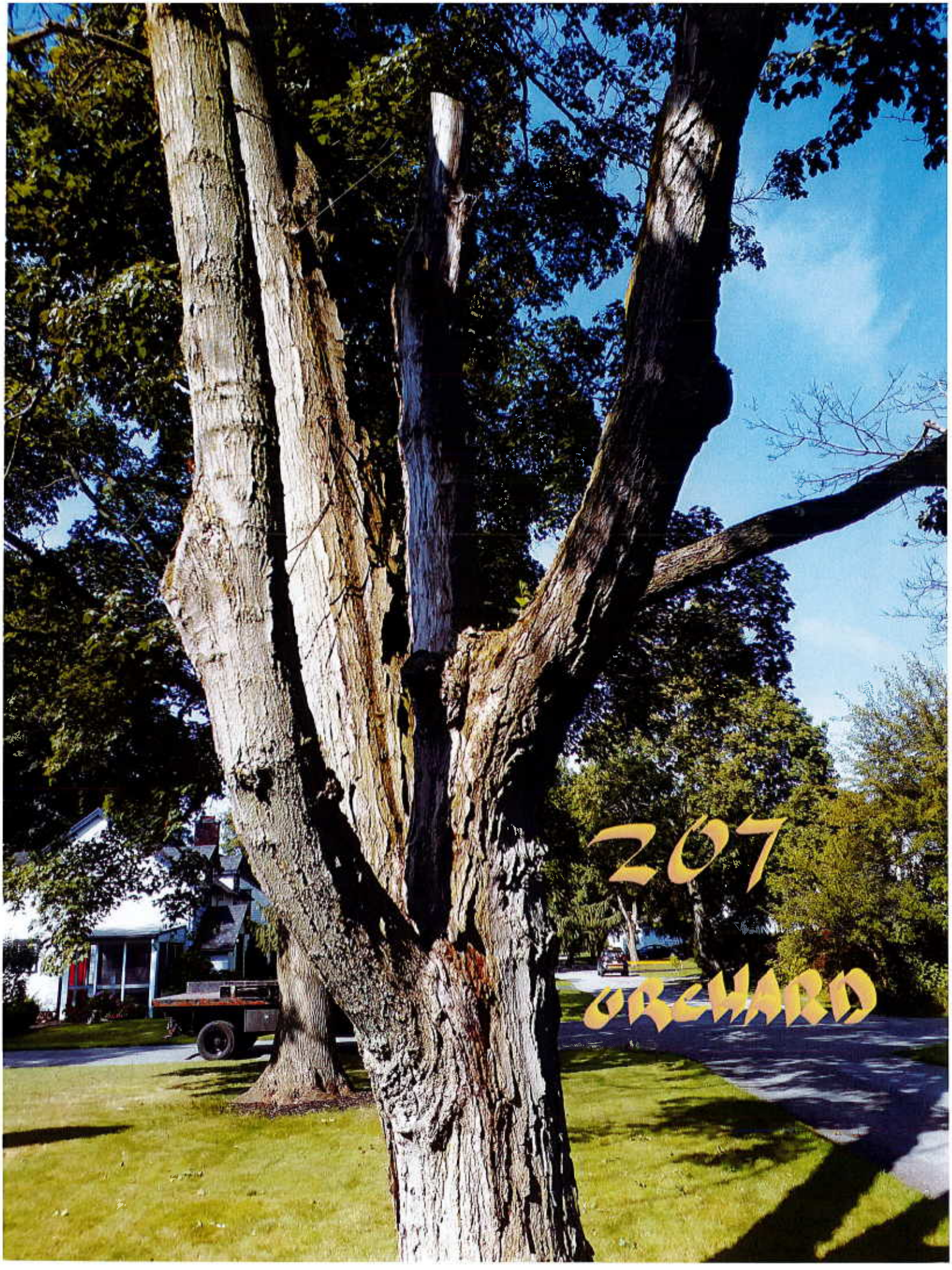
Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency Date: 9-10-19

COMMENTS

NOT ENOUGH LEAF TO SUPPORT LIFE.


207
ORCHARD

DEAD
HOUSE

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 75 TARRYTOWN

Map/Location: _____

Owner: public V. private _____ unknown _____ other _____

Date: 9-9-19 Inspector: CARROLL LOVELESS

Date of last Inspection: _____

HAZARD RATING:

4 + 4 + 4 = 12

Failure Potential + Size of part + Target Rating = Hazard Rating

_____ Immediate action needed

_____ Needs further inspection

_____ Dead tree

TREE CHARACTERISTICS

Tree #: ONE **Species:** MAPLE

DBH: 24" **# of trunks:** ONE **Height:** 60' **Spread:** _____

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☒ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 50 % **Age class:** ☐ young ☐ semi-mature ☒ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☒ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☒ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☒ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

TREE HEALTH

Foliage color: ☐ normal ☒ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☒ sparse **Leaf size:** ☐ normal ☒ small

Annual shoot growth: ☐ excellent ☒ average ☐ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☒ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☒ poor

Major pests/diseases: - ANTS -

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other _____

SITE CONDITIONS

Site Character: ☒ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☒ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☒ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☒ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☒ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: 20 deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants		ANTS.S.		
Cankers/galls/burls				
Previous failure				

HAZARD RATING

Tree part most likely to fall: TRUNK

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N **Replace?** Y N **Move target:** Y N **Other:** _____

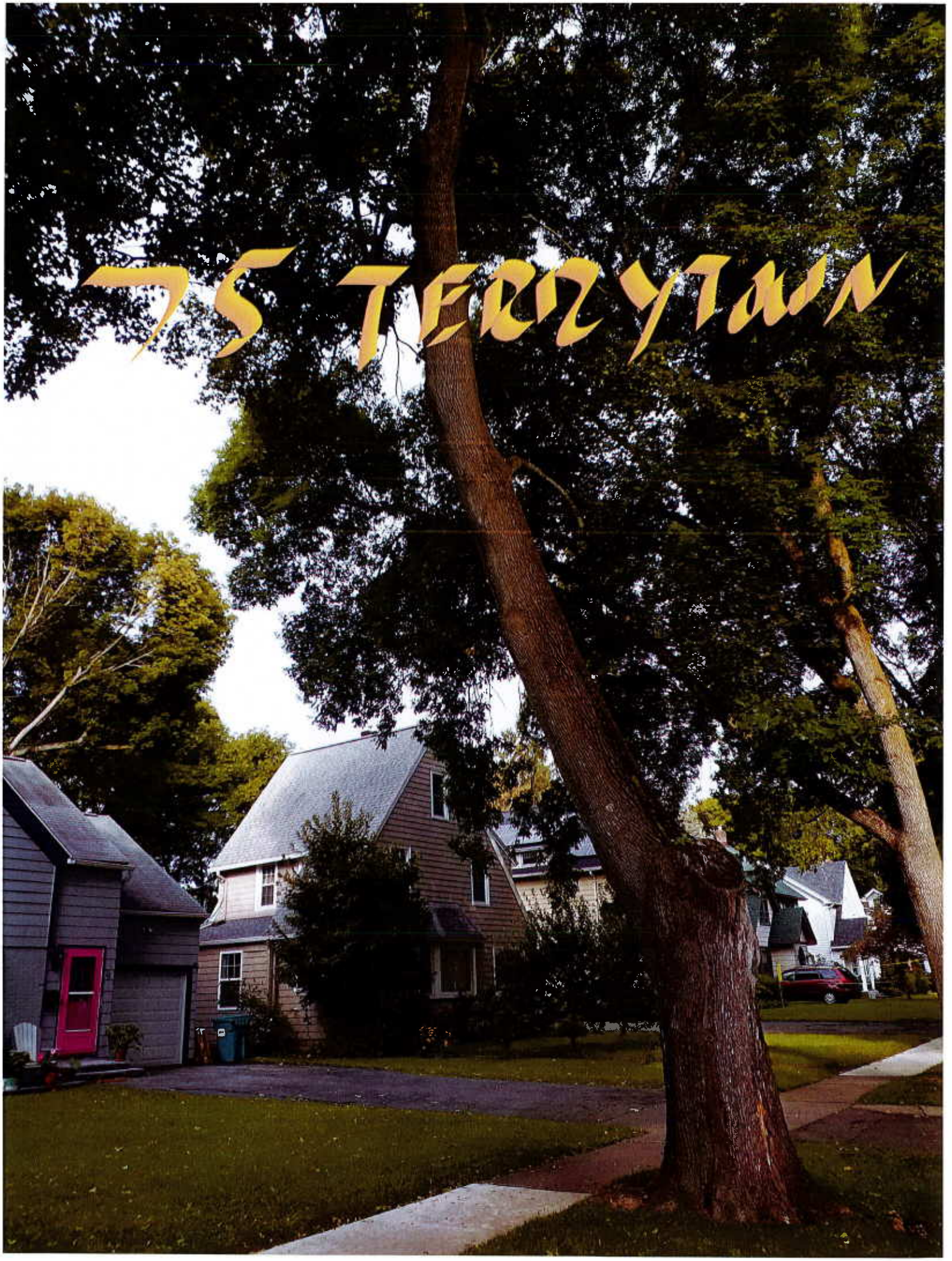
Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency **Date:** 9-9-19

COMMENTS

MAJOR ANT INFESTION.

REMOVE & REPLACE.


75 TENNYSON

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 200 PELHAM RD

Map/Location: _____

Owner: public V private _____ unknown _____ other _____

Date: 4-29-19 Inspector: CARROLL LOVELESS

Date of last Inspection: _____

HAZARD RATING:

4 (Failure Potential) + 3 (Size of part) + 4 (Target Rating) = 11 (Hazard Rating)

_____ Immediate action needed

_____ Needs further inspection

_____ Dead tree

TREE CHARACTERISTICS

Tree #: ONE Species: SUGAR MAPLE

DBH: 34" # of trunks: ONE Height: 50' Spread: 40'

Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☐ co-dominant ☒ intermediate ☐ suppressed

Live crown ratio: 60 % **Age class:** ☐ young ☐ semi-mature ☒ mature ☐ over-mature/senescent

Pruning history: ☒ crown cleaned ☐ excessively thinned ☐ topped ☒ crown raised ☒ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☒ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☒ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☒ sparse **Leaf size:** ☐ normal ☒ small

Annual shoot growth: ☐ excellent ☐ average ☒ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☒ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☒ fair ☐ poor

Growth obstructions: ☐ stakes ☐ wire/ties ☐ signs ☐ cables ☐ curb/pavement ☐ guards ☐ other _____

Major pests/diseases: SIGNS OF WOODPECKER DAMAGE, INDICATING INSECTS.

SITE CONDITIONS

Site Character: ☒ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland/forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☒ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☒ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved:	0%	10-25%	25-50%	50-75%	75-100%	Pavement lifted? Y N
% dripline w/ fill soil:	0%	10-25%	25-50%	50-75%	75-100%	
% dripline grade lowered:	0%	10-25%	25-50%	50-75%	75-100%	

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☒ underground utilities ☒ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☒ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☒ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling	S			
Wounds/seam				
Decay		m		
Cavity			S	
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants		S	S	
Cankers/galls/burls				
Previous failure			S	

HAZARD RATING

Tree part most likely to fail: CENTRAL LEADER

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 3 + 4 = 11

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N **Replace?** Y N **Move target:** Y N **Other:** _____

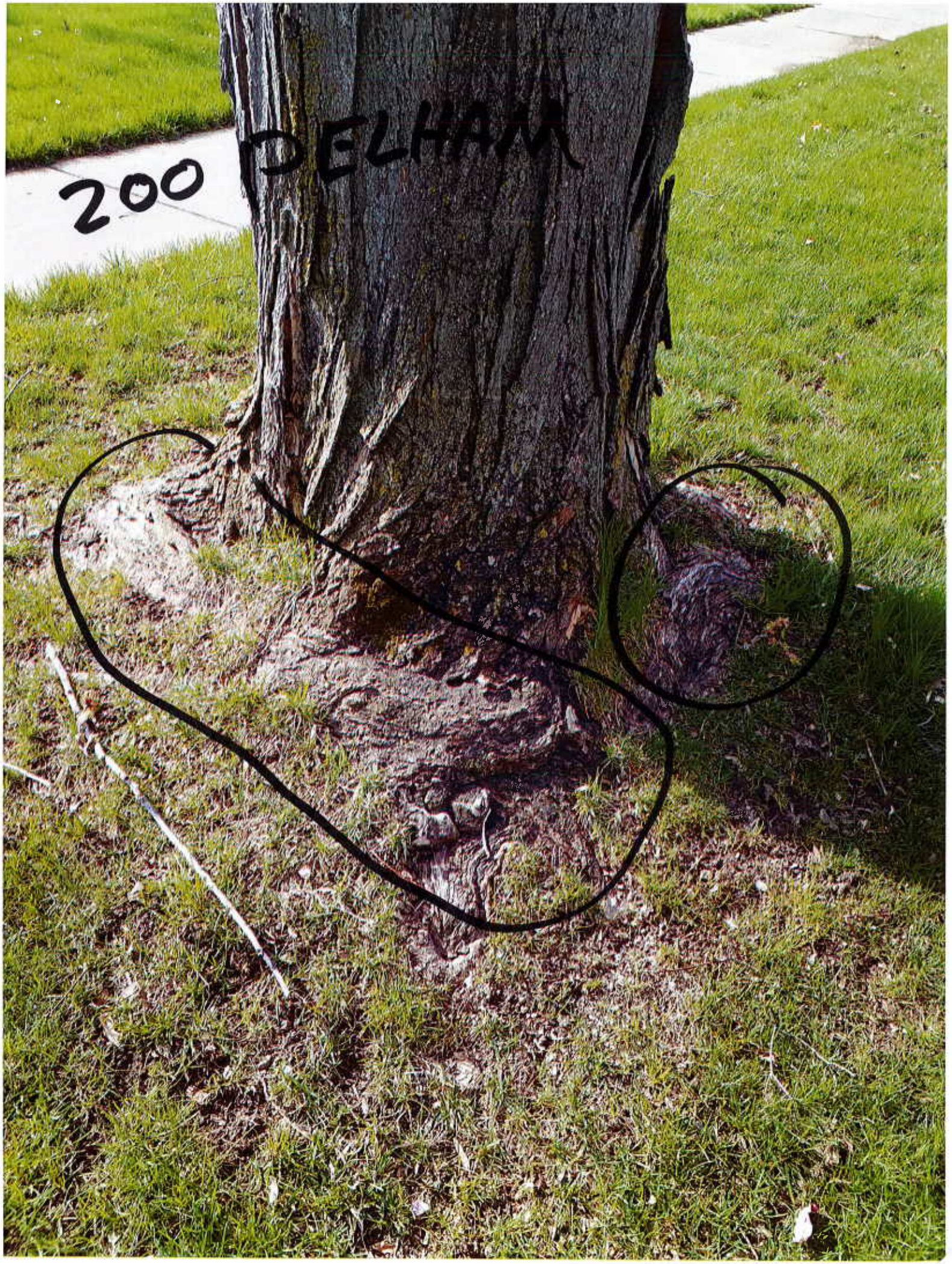
Effect on adjacent trees: ☐ none ☐ evaluate

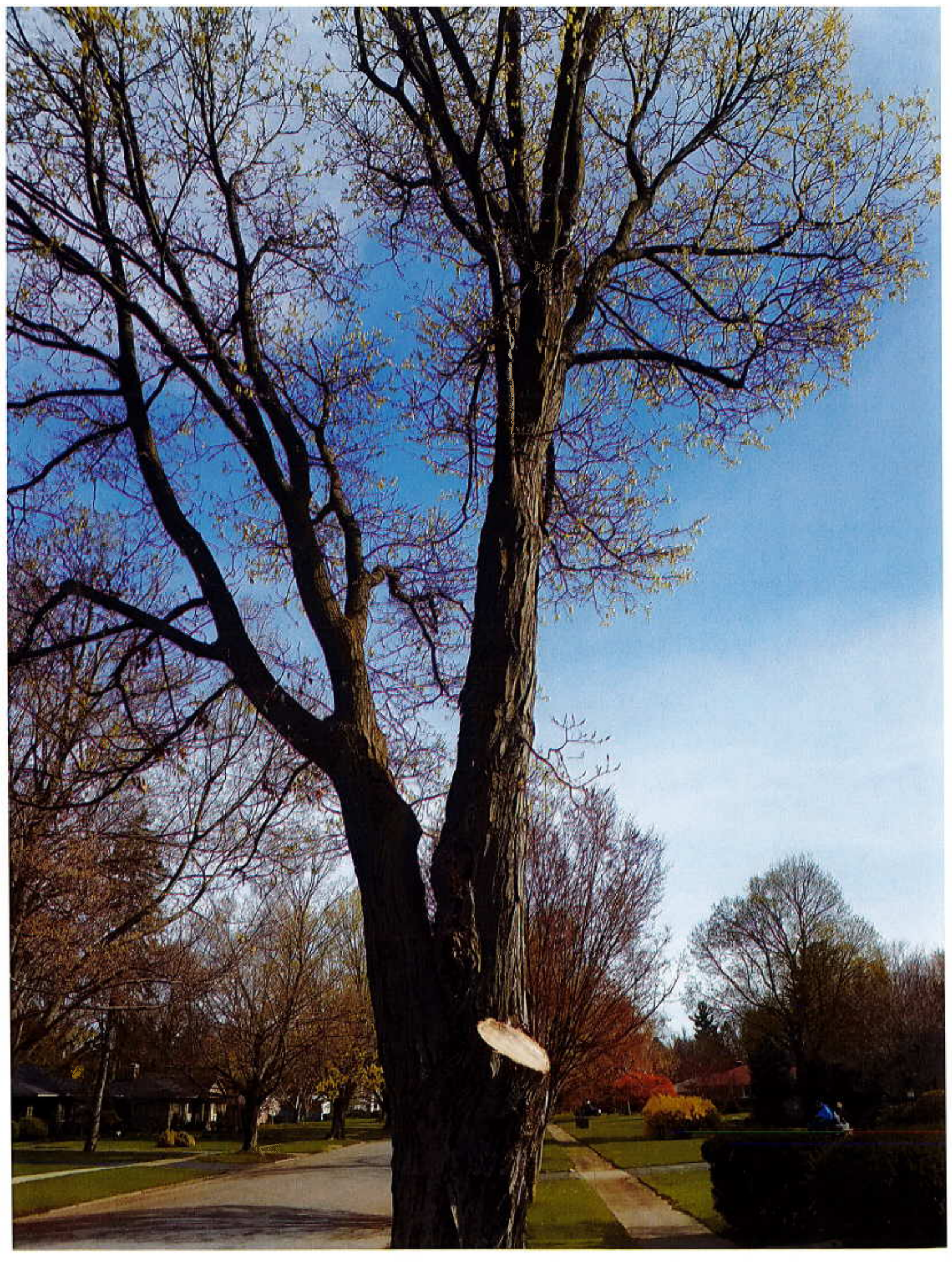
Notification: ☐ owner ☐ manager ☐ governing agency **Date:** 4-29-19

COMMENTS

THIS TREE HAS SIGNS OF WOODPECKER DAMAGE INDICATING INSECTS PRESENT. LARGE GIRDLING ROOT. TREE HAS SOME ROT WITH EVENTUALLY DIE. RECOMMEND REMOVAL + REPLACE.

EL


200 DELHAM



A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 104 SHOREHAM

Map/Location:

Owner: public ✓ private ____ unknown ____ other ____

Date: 4-23-19 Inspector: CARROLL LOVELESS

Date of last Inspection:

HAZARD RATING:

4 (Failure Potential) + 4 (Size of part) + 4 (Target Rating) = 12 (Hazard Rating)

✓ Immediate action needed

____ Needs further inspection

____ Dead tree

TREE CHARACTERISTICS

Tree #: ONE Species: SILVER MAPLE

DBH: 24½" # of trunks: ONE Height: 70+ Spread: 50+

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 30 % **Age class:** ☐ young ☐ semi-mature ☐ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Approx. dates:

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☐ sparse **Leaf size:** ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☐ average ☐ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☐ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☐ poor

Major pests/diseases: SIGNS OF WOOD PECKER, INSECTS, SQUIRRELS

Growth obstructions: ☐ stakes ☐ wire/ties ☐ signs ☐ cables ☐ curb/pavement ☐ guards ☐ other

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☐ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

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% dripline w/ fill soil:	0%	10-25%	25-50%	50-75%	75-100%	
% dripline grade lowered:	0%	10-25%	25-50%	50-75%	75-100%	

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: ____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ ____

Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☐ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y (N) **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate (☐ low) **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep			S	S
Codominants/forks			S	
Multiple attachments			m	
Included bark			L	
Excessive end weight			S	S
Cracks/splits			L	L
Hangers			L	
Girdling				
Wounds/seam			S	S
Decay		L	S	S
Cavity		L	S	S
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive		S	S	S
Deadwood/stubs			S	S
Borers/termites/ants		L	S	S
Cankers/galls/burls				
Previous failure		L	S	S

HAZARD RATING

Tree part most likely to fail: LARGE SCAFFOLDS AT TRUNK

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

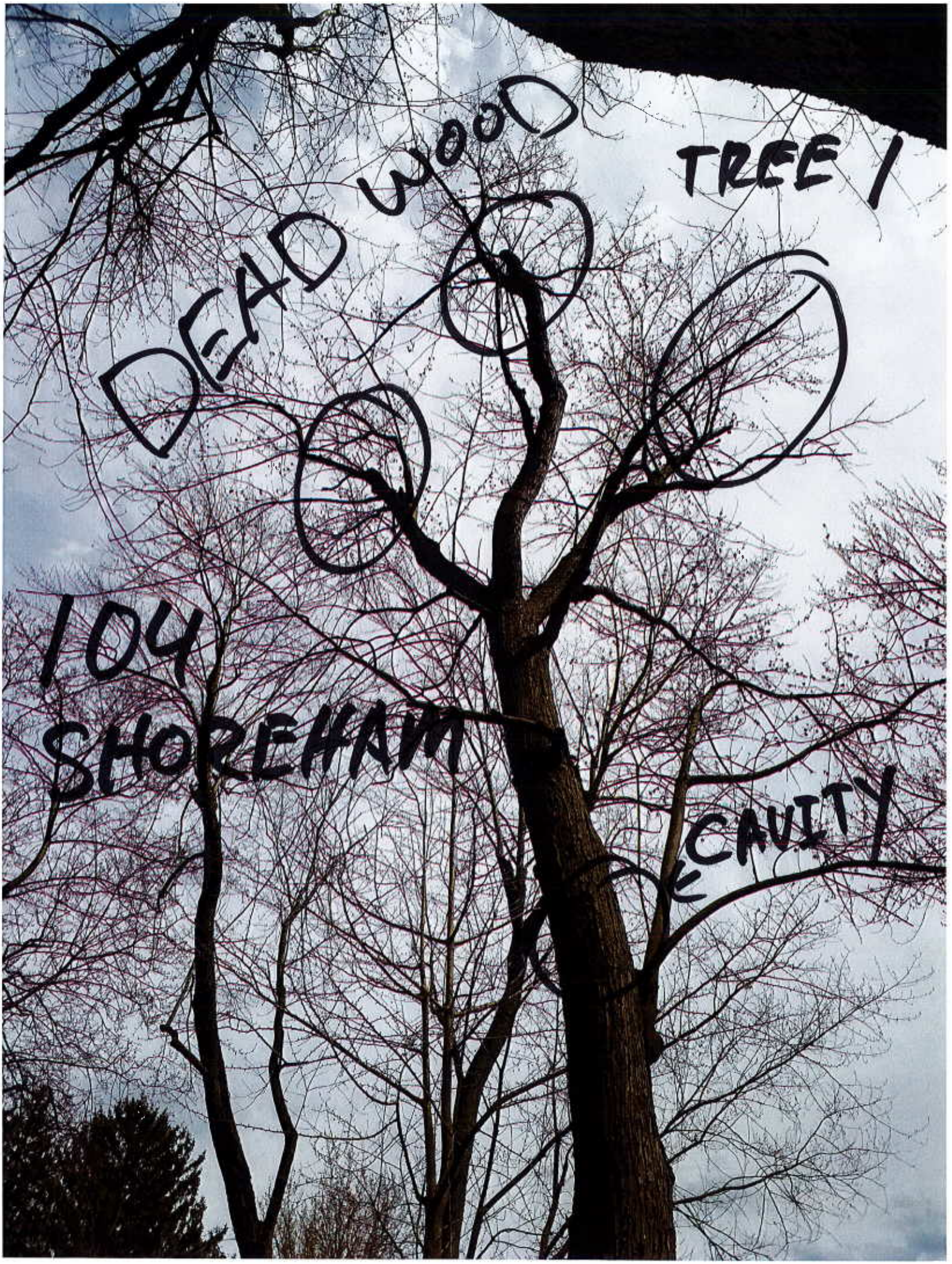
Remove tree: (Y) N **Replace?** Y (N) **Move target:** Y (N) **Other:** _____

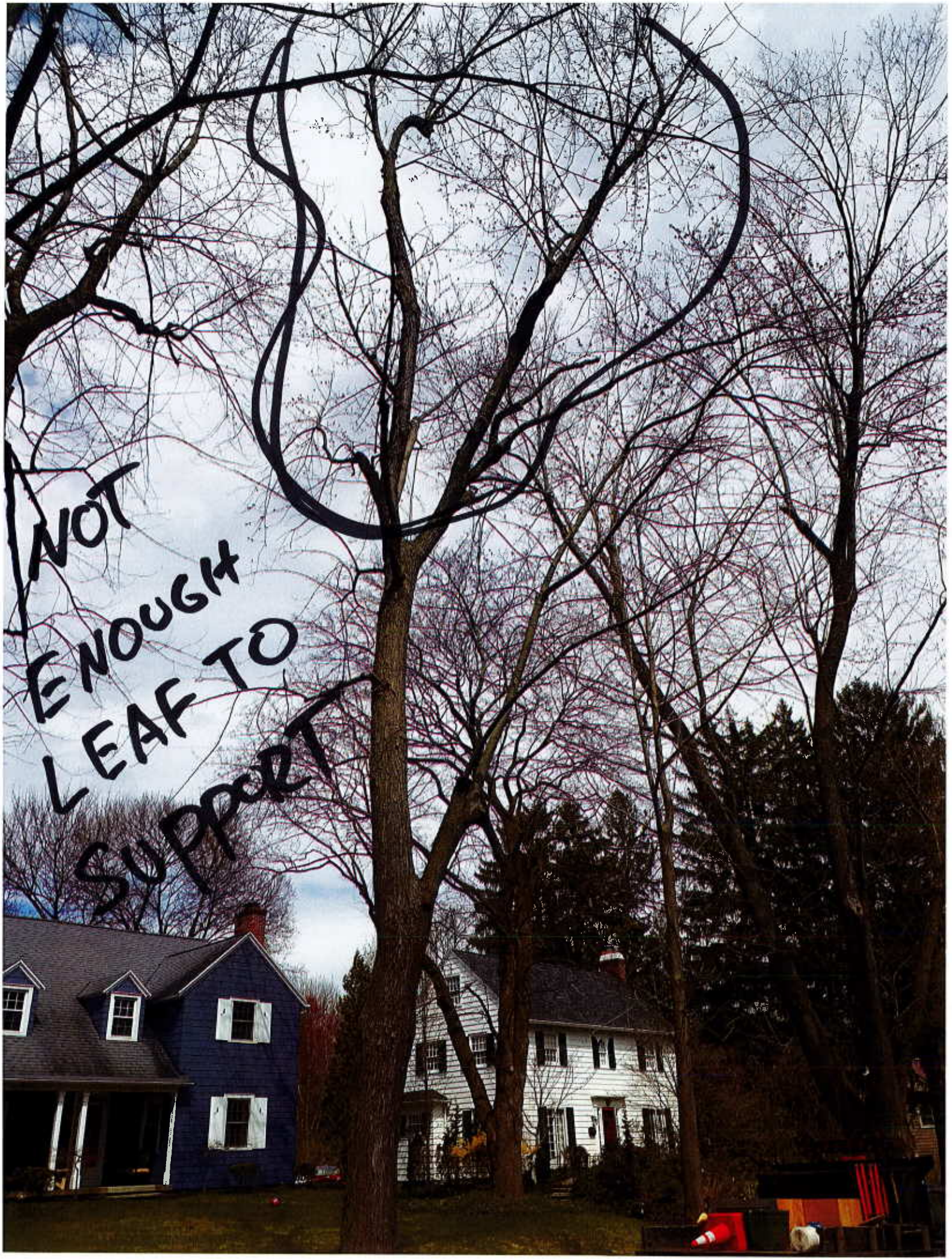
Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager (☐ governing agency) **Date:** 4-23-19

COMMENTS

TREES ENTIRE DRIPLINE IS PAVED. GETTING LITTLE NUTRIENTS AND WATER
CENTRAL LEADER IS DEAD. NOT ENOUGH LEAF TO SUPPORT LIFE.
LARGE SCAFFOLDS W\ EXCESSIVE END WEIGHT.
RECOMMEND REMOVAL. REPLANT AT NEW SITE.


DEAD WOOD
TREE 1
104
SHOREHAM
CAVITY


NOT
ENOUGH
LEAF TO
SUPPORT

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 104 SHOREHAM

Map/Location: _____

Owner: public ___ private ___ unknown ___ other ___

Date: 2-23-19 Inspector: CARROLL LOUELESS

Date of last inspection: _____

HAZARD RATING:

4 (Failure Potential) + 4 (Size of part) + 4 (Target Rating) = 12 (Hazard Rating)

___ Immediate action needed

___ Needs further inspection

___ Dead tree

TREE CHARACTERISTICS

Tree #: THREE Species: SILVER

DBH: 46" # of trunks: ONE Height: 70+ Spread: 50+

Form: ☐ generally symmetric ☐ minor asymmetry ☑ major asymmetry ☐ stump sprout ☑ stag-headed

Crown class: ☐ dominant ☑ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 60 % **Age class:** ☐ young ☐ semi-mature ☐ mature ☑ over-mature/senescent

Pruning history: ☑ crown cleaned ☑ excessively thinned ☐ topped ☑ crown raised ☑ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☑ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☑ street tree ☑ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☑ sparse **Leaf size:** ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☐ average ☑ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☐ average ☑ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☑ poor

Major pests/diseases: MAJOR SQUIRREL DAMAGE

Growth obstructions: ☐ stakes ☐ wire/ties ☐ signs ☐ cables ☐ curb/pavement ☐ guards ☐ other _____

SITE CONDITIONS

Site Character: ☑ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☑ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☑ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☑ compacted ☑ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ___° aspect: _____

Obstructions: ☐ lights ☐ signage ☑ line-of-sight ☑ view ☐ overhead lines ☑ underground utilities ☑ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☐ below canopy ☑ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: WEST Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☑ building ☐ parking ☑ traffic ☑ pedestrian ☐ recreation ☑ landscape ☑ hardscape ☑ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☑ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y (N) **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep			S	S
Codominants/forks			S	
Multiple attachments			m	m
Included bark				
Excessive end weight			S	S
Cracks/splits				
Hangers				
Girding				
Wounds/seam		S	S	l S
Decay		S	S	S
Cavity		S	S	S
Conks/mushrooms/bracket				
Bleeding/sap flow		m	m	
Loose/cracked bark				
Nesting hole/bee hive		S	S	S
Deadwood/stubs			S	S
Borers/termites/ants			L	
Cankers/galls/burls				
Previous failure			L	L

HAZARD RATING

Tree part most likely to fail: SCAFFOLDS AT TRUNK

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm);
3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use;
3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☒ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N **Replace?** Y N **Move target:** Y N **Other:** _____

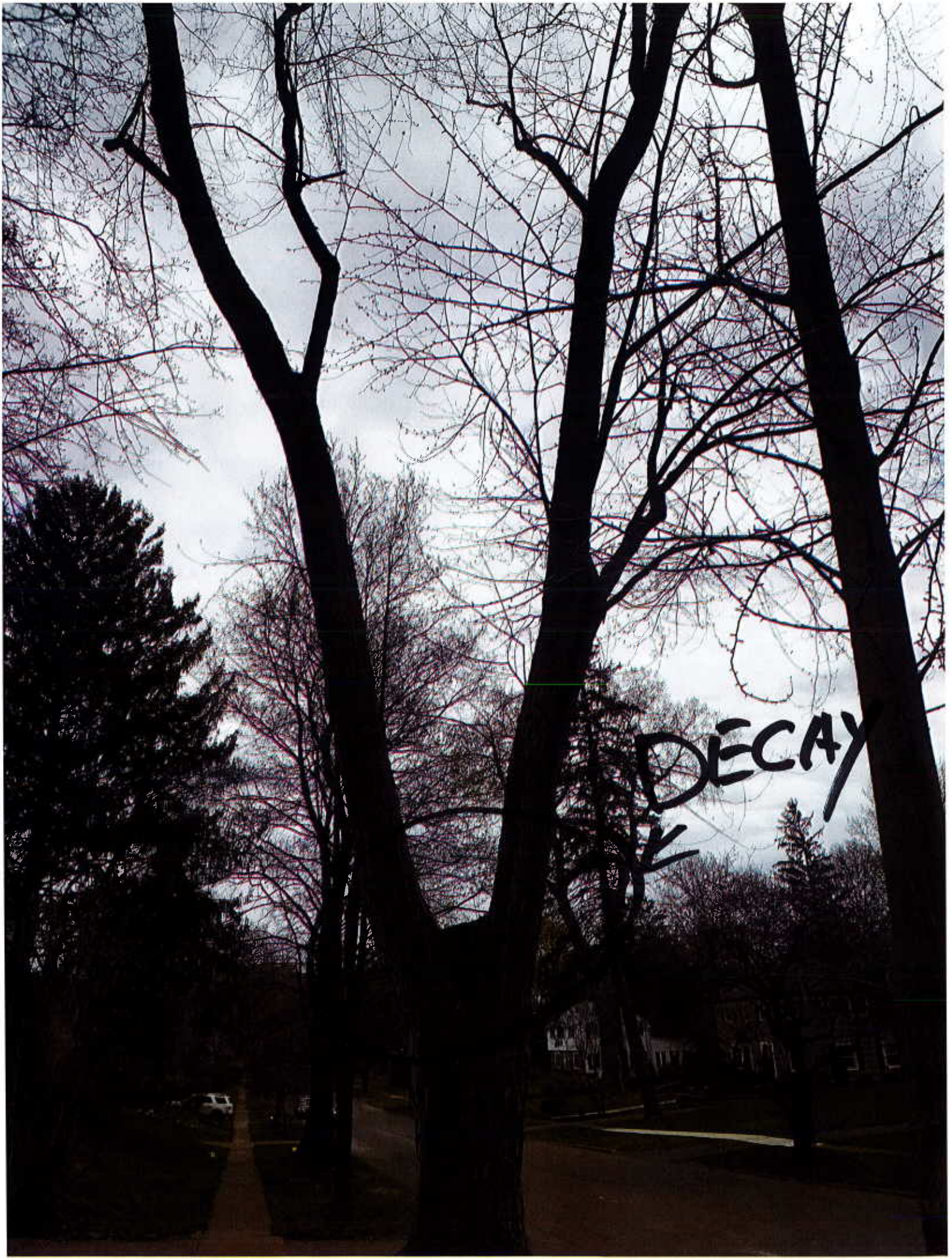
Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☒ governing agency **Date:** 4-23-19

COMMENTS

THIS TREE HAS MAJOR SQUIRREL DAMAGE. TREE IS LIFTING STEWART DRIVE. LARGE CAVITYS W\ DECAY. EXCESSIVE END WEIGHT. VERY DANGEROUS BACKING OR DRIVING IN AND OUT OF DRIVE. RECOMMEND REMOVAL & REPLANT AT ALT. SITE.


104 SHOREHAM
TREE # THREE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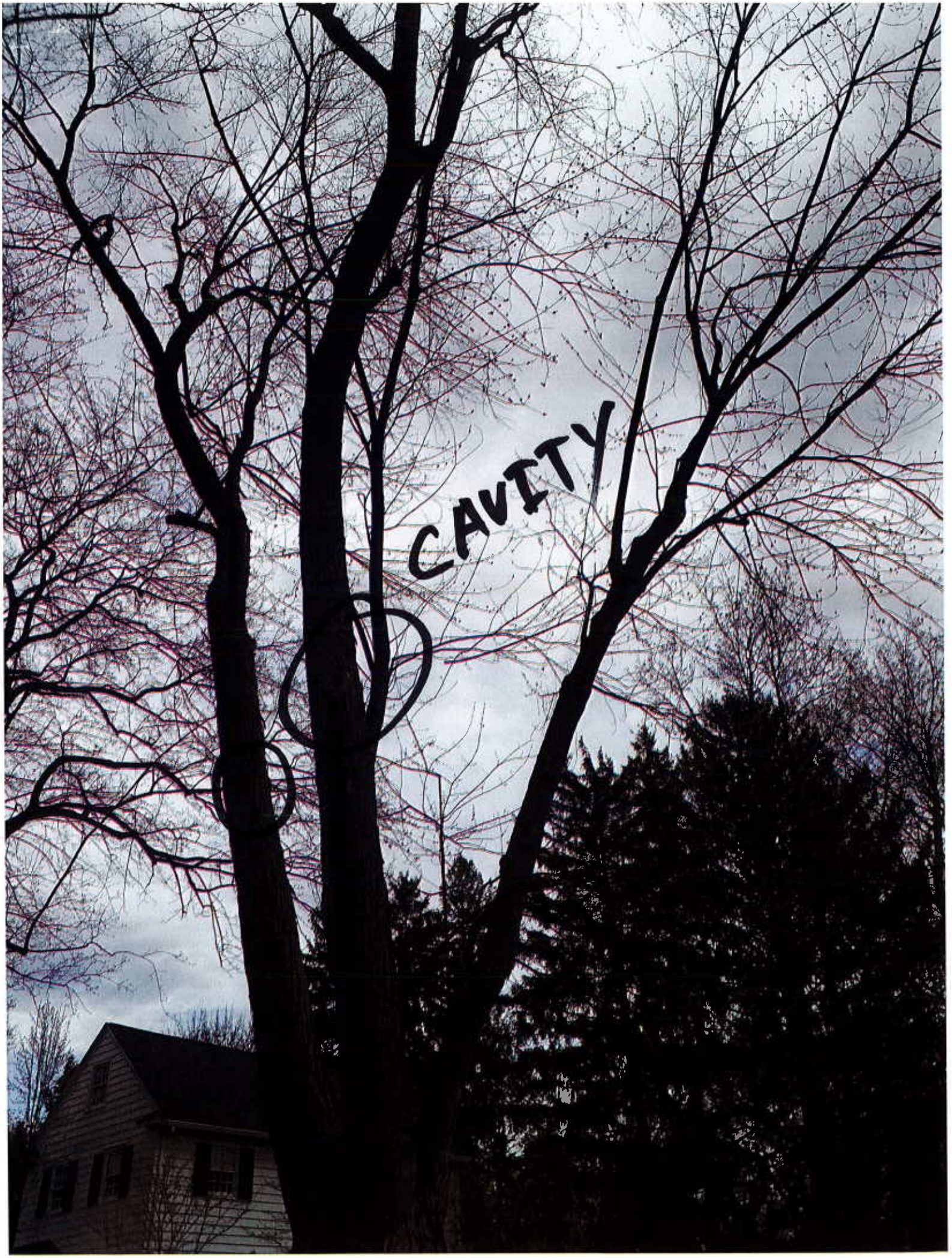

CAVITY


04/30/2019

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 20 MODEL LANE

Map/Location: _____

Owner: public ✓ private _____ unknown _____ other _____

Date: 8-2-19 Inspector: CARROLL COUCHES

Date of last Inspection: _____

HAZARD RATING:

4 + 4 ÷ 4 = 12

Failure Potential + Size of part + Target Rating = Hazard Rating

✓ Immediate action needed

_____ Needs further inspection

_____ Dead tree

TREE CHARACTERISTICS

Tree #: ONE Species: SILVER

DBH: 38" # of trunks: ONE Height: _____ Spread: _____

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☒ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: _____ % Age class: ☐ young ☐ semi-mature ☐ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

DEAD TREE

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic Epicormics? Y N

Foliage density: ☐ normal ☐ sparse Leaf size: ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☐ average ☐ poor Twig Dieback? Y N

Woundwood development: ☐ excellent ☐ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☐ poor

Major pests/diseases: _____

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other _____

ANTS

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☒ woodland/forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☒ mound ☐ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% Pavement lifted? Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☒ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: _____ Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N Can use be restricted? Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☐ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

DEAD TREE ANT'S

HAZARD RATING

Tree part most likely to fail: _____

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N **Replace?** Y N **Move target:** Y N **Other:** _____

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency **Date:** 8-2-19

COMMENTS


20 MODELLA


20 MODEL LANE

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 32 MODEL LANE

Map/Location: _____

Owner: public ✓ private _____ unknown _____ other _____

Date: 8-2-19 Inspector: CARROLL LOUFLESS

Date of last Inspection: _____

HAZARD RATING:

4 (Failure Potential) + 4 (Size of part) + 4 (Target Rating) = 12 (Hazard Rating)

✓ Immediate action needed

_____ Needs further Inspection

✓ Dead tree

TREE CHARACTERISTICS

Tree #: TWO Species: SILVER

DBH: 43" # of trunks: ONE Height: 60' Spread: 50'

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☒ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: _____ % **Age class:** ☐ young ☐ semi-mature ☐ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

DEAD TREE

ANTS

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☐ sparse **Leaf size:** ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☐ average ☐ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☐ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☐ poor

Major pests/diseases: _____

Growth obstructions: ☐ stakes ☐ wire/ties ☐ signs ☐ cables ☐ curb/pavement ☐ guards ☐ other _____

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☒ woodland/forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☐ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: _____ Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☒ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: ☐ severe ☐ moderate ☐ low Undermined: ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk Root area affected: _____% Buttress wounded: Y N When: _____

Restricted root area: ☐ severe ☐ moderate ☐ low Potential for root failure: ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: _____ Lean severity: ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

DEAD TREE

ANTS

HAZARD RATING

Tree part most likely to fail: _____

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 4 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ Inspect further: ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency Date: 8-2-19

COMMENTS


32 MODEL LANE
32


32 MODEL LANE

A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: EMPTY LOT NEXT 140 PARK CIRCLE TAX ID: 148.14-4-3.2

Map/Location: _____

Owner: public ✓ private _____ unknown _____ other _____

Date: 4-4-19 Inspector: CARROLL LOVELESS

Date of last Inspection: _____

HAZARD RATING:

4 + 4 + 4 = 12

Failure Potential + Size of part + Target Rating = Hazard Rating

_____ Immediate action needed

_____ Needs further Inspection

X Dead tree

TREE CHARACTERISTICS

Tree #: ONE Species: ASH NO TAG #

DBH: 27" # of trunks: ONE Height: 60+ Spread: 40+

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: 0 % **Age class:** ☐ young ☐ semi-mature ☒ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Appx. date: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

DEAD TREE

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N **Growth obstructions:**

Foliage density: ☐ normal ☐ sparse **Leaf size:** ☐ normal ☐ small ☐ cables ☐ wire/ties ☐ signs ☐ cables

Annual shoot growth: ☐ excellent ☐ average ☐ poor **Twig Die-back?** Y N ☐ curb/pavement ☐ guards

Woundwood development: ☐ excellent ☐ average ☐ poor ☐ none ☐ other _____

Vigor class: ☐ excellent ☐ average ☐ fair ☐ poor

Major pests/diseases: ASH BORER

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland\forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☐ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettled

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: _____ Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☑ building ☑ parking ☑ traffic ☑ pedestrian ☐ recreation ☑ landscape ☐ hardscape ☐ small features ☑ utility lines

Can target be moved? Y (N) **Can use be restricted?** Y (N)

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☑ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N **Mushroom/conk/bracket present:** Y N **ID:** _____

Exposed roots: ☐ severe ☐ moderate ☐ low **Undermined:** ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk **Root area affected:** _____% **Buttress wounded:** Y N **When:** _____

Restricted root area: ☐ severe ☐ moderate ☐ low **Potential for root failure:** ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected **Soil heaving:** Y N

Decay in plane of lean: Y N **Roots broken** Y N **Soil cracking:** Y N

Compounding factors: _____ **Lean severity:** ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/brackets				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

DEAD TREE

HAZARD RATING

Tree part most likely to fail: _____

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

_____ + _____ + _____ = _____

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 1 - <5″ (15 cm); 2 - 6-18″ (15-45 cm); 3 - 18-30″ (45-75 cm); 4 - >30″ (75 cm)

Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ **Inspect further:** ☐ root crown ☐ decay ☐ aerial ☐ monitor

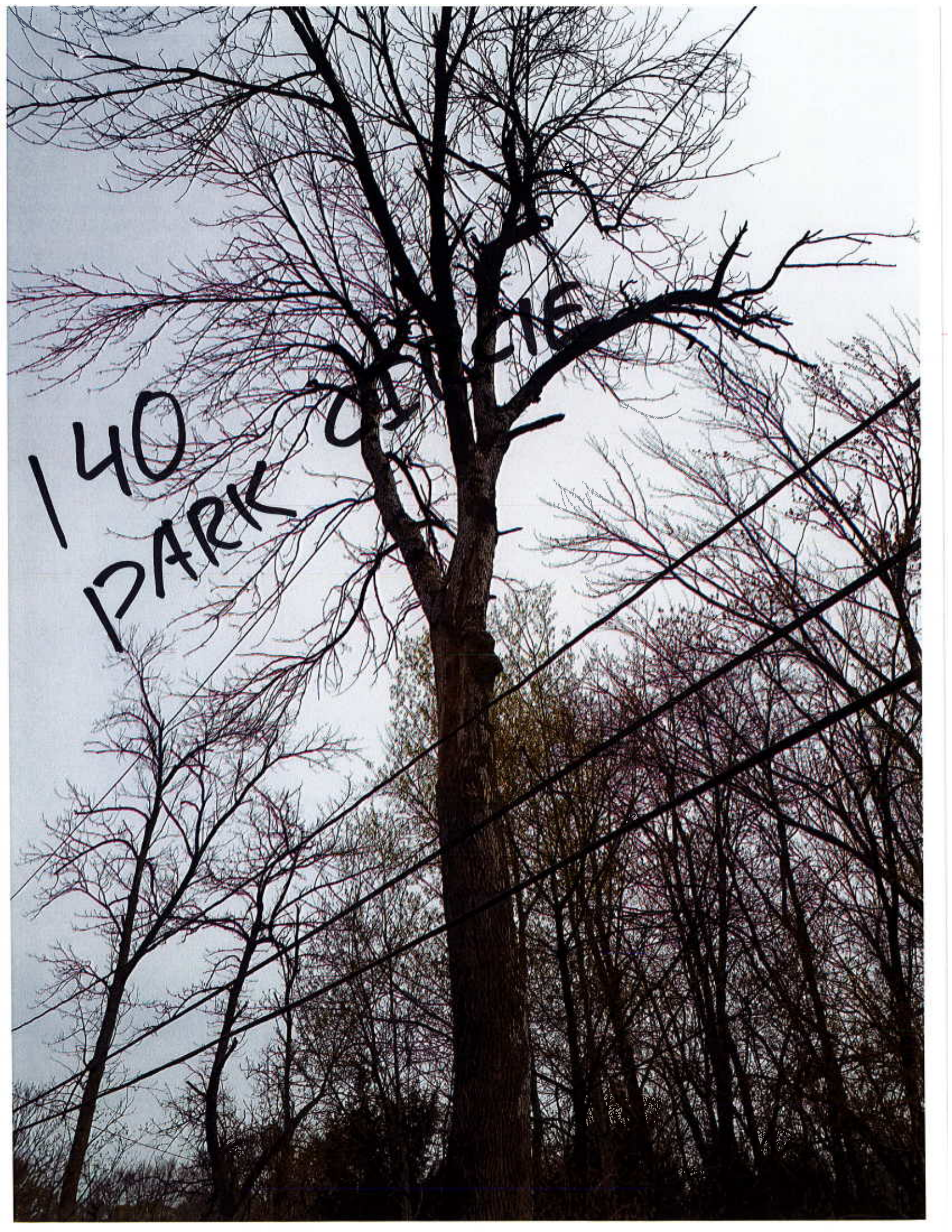
Remove tree: Y N **Replace?** Y N **Move target:** Y N **Other:** _____

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency **Date:** _____

COMMENTS


140
PARK
CIRCLE


140
PARK

TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 14 DURY LANE

Map/Location: _____

Owner: public ✓ private _____ unknown _____ other _____

Date: 8-27-19 Inspector: CARROLL COUBLESS

Date of last Inspection: _____

HAZARD RATING:

4 + 3 + 4 = 11

Failure Potential + Size of part + Target Rating = Hazard Rating

_____ Immediate action needed

_____ Needs further Inspection

_____ Dead tree

TREE CHARACTERISTICS

Tree #: TWO Species: PINE

DBH: 14" # of trunks: ONE Height: _____ Spread: _____

Form: ☐ generally symmetric ☐ minor asymmetry ☐ major asymmetry ☐ stump sprout ☐ stag-headed

Crown class: ☐ dominant ☐ co-dominant ☐ intermediate ☐ suppressed

Live crown ratio: _____ % **Age class:** ☐ young ☐ semi-mature ☐ mature ☐ over-mature/senescent

Pruning history: ☐ crown cleaned ☐ excessively thinned ☐ topped ☐ crown raised ☐ pollarded ☐ crown reduced ☐ flush cuts ☐ cabled/braced ☐ none ☐ multiple pruning events Approx. dates: _____

Special Value: ☐ specimen ☐ heritage/historic ☐ wildlife ☐ unusual ☐ street tree ☐ screen ☐ shade ☐ indigenous ☐ protected by gov. agency

TREE HEALTH

Foliage color: ☐ normal ☐ chlorotic ☐ necrotic **Epicormics?** Y N

Foliage density: ☐ normal ☐ sparse **Leaf size:** ☐ normal ☐ small

Annual shoot growth: ☐ excellent ☐ average ☐ poor **Twig Dieback?** Y N

Woundwood development: ☐ excellent ☐ average ☐ poor ☐ none

Vigor class: ☐ excellent ☐ average ☐ fair ☐ poor

Major pests/diseases: _____

Growth obstructions:

☐ stakes ☐ wire/ties ☐ signs ☐ cables

☐ curb/pavement ☐ guards

☐ other _____

DEAD TREE

SITE CONDITIONS

Site Character: ☐ residence ☐ commercial ☐ industrial ☐ park ☐ open space ☐ natural ☐ woodland/forest

Landscape type: ☐ parkway ☐ raised bed ☐ container ☐ mound ☐ lawn ☐ shrub border ☐ wind break

Irrigation: ☐ none ☐ adequate ☐ inadequate ☐ excessive ☐ trunk wettied

Recent site disturbance? Y N ☐ construction ☐ soil disturbance ☐ grade change ☐ line clearing ☐ site clearing

% dripline paved: 0% 10-25% 25-50% 50-75% 75-100% **Pavement lifted?** Y N

% dripline w/ fill soil: 0% 10-25% 25-50% 50-75% 75-100%

% dripline grade lowered: 0% 10-25% 25-50% 50-75% 75-100%

Soil problems: ☐ drainage ☐ shallow ☐ compacted ☐ droughty ☐ saline ☐ alkaline ☐ acidic ☐ small volume ☐ disease center ☐ history of fail ☐ clay ☐ expansive ☐ slope ____° aspect: _____

Obstructions: ☐ lights ☐ signage ☐ line-of-sight ☐ view ☐ overhead lines ☐ underground utilities ☐ traffic ☐ adjacent veg. ☐ _____

Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow

Prevailing wind direction: _____ Occurrence of snow/ice storms ☐ never ☐ seldom ☐ regularly

TARGET

Use Under Tree: ☐ building ☐ parking ☐ traffic ☐ pedestrian ☐ recreation ☐ landscape ☐ hardscape ☐ small features ☐ utility lines

Can target be moved? Y N **Can use be restricted?** Y N

Occupancy: ☐ occasional use ☐ intermittent use ☐ frequent use ☐ constant use

TREE DEFECTS

ROOT DEFECTS:

Suspect root rot: Y N Mushroom/conk/bracket present: Y N ID: _____

Exposed roots: ☐ severe ☐ moderate ☐ low Undermined: ☐ severe ☐ moderate ☐ low

Root pruned: _____ distance from trunk Root area affected: _____% Buttress wounded: Y N When: _____

Restricted root area: ☐ severe ☐ moderate ☐ low Potential for root failure: ☐ severe ☐ moderate ☐ low

LEAN: _____ deg. from vertical ☐ natural ☐ unnatural ☐ self-corrected Soil heaving: Y N

Decay in plane of lean: Y N Roots broken Y N Soil cracking: Y N

Compounding factors: _____ Lean severity: ☐ severe ☐ moderate ☐ low

CROWN DEFECTS: Indicate presence of individual defects and rate their severity (s = severe, m = moderate, l = low)

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Nesting hole/bee hive				
Deadwood/stubs				
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

DEAD TREE

HAZARD RATING

Tree part most likely to fail: _____

Inspection period: _____ annual _____ biannual _____ other _____

Failure Potential + Size of Part + Target Rating = Hazard Rating

4 + 3 + 4 = 12

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe
Size of part: 1 - <6" (15 cm); 2 - 6-18" (15-45 cm); 3 - 18-30" (45-75 cm); 4 - >30" (75 cm)
Target rating: 1 - occasional use; 2 intermittent use; 3 - frequent use; 4 - constant use

HAZARD ABATEMENT

Prune: ☐ remove defective part ☐ reduce end weight ☐ crown clean ☐ thin ☐ raise canopy ☐ crown reduce ☐ restructure ☐ shape

Cable/Brace: _____ Inspect further: ☐ root crown ☐ decay ☐ aerial ☐ monitor

Remove tree: Y N Replace? Y N Move target: Y N Other: _____

Effect on adjacent trees: ☐ none ☐ evaluate

Notification: ☐ owner ☐ manager ☐ governing agency Date: 8-27-19

COMMENTS

Town of
Brighton

Building and Planning Department
Commissioner of Public Works – Michael Guyon, P.E.

Rick DiStefano
Planner

October 28, 2019

Michael Guyon, Commissioner of Public Works
Town of Brighton
2300 Elmwood Avenue
Rochester, NY 14618

RE: Tree Removals

Dear Commissioner Guyon:

In response to your letter, dated September 24, 2019, and attached tree evaluation forms regarding the proposed removal of town trees, the Tree Council reviewed the forms and visited the sites.

In regards to proposed tree removals at:

207 Orchard Drive	36" Maple
75 Tarrytown Road	34" Maple
200 Pelham Road	34" Sugar maple
20 Modelane	32" Silver maple
32 Modelane	43" Silver maple

The Council is in agreement with the evaluations and supports the removal of the identified trees. As recommended, the Council encourages properly sized replacement trees be planted as soon as possible.

In regards to proposed tree removals at:

104 Shoreham Drive	24.5" Silver maple
104 Shoreham Drive	46" Silver maple

The Council is in agreement with the evaluation and supports the removal of the identified trees. As recommended, the Council encourages properly sized replacement trees be planted at nearby alternative locations as soon as possible.

In regards to proposed tree removal at:

Vacant lot north of 140 Park Circle	27" Ash
14 Drury Lane	14" Pine

The Council is in agreement with the evaluations and supports the removal of the identified trees and that replacement trees for these locations are not necessary.

Sincerely,

Rick DiStefano, Secretary
Brighton Tree Council

cc: Tim Anderson

Town of
Brighton

Building and Planning Department
Commissioner of Public Works – Michael Guyon, P.E.

Rick DiStefano
Planner

October 16, 2019

Michael Guyon, Commissioner of Public Works
Town of Brighton
2300 Elmwood Avenue
Rochester, NY 14618

RE: Dead tree removals along the Niagara Mohawk Power Corp./National Grid right-of-way.

Dear Commissioner Guyon:

In regards to the removal of dead Ash trees on Town of Brighton lands adjacent to the Niagara Mohawk Power Corp./National Grid right-of-way, the Conservation Board/Tree Council supports their removal due to the possibility of the trees conflicting with power lines and structures. The removals shall be limited to the dead Ash trees as identified by Ironwood Heavy Highway (contractor) and verified by the Town of Brighton. Cutting of the trees flush to the ground is supported due to their location.

Sincerely,

Rick DiStefano, Secretary
Brighton Tree Council

Town of
Brighton

Building and Planning Department
Commissioner of Public Works – Michael Guyon, P.E.

Rick DiStefano
Planner

October 16, 2019

Michael Guyon, Commissioner of Public Works
Town of Brighton
2300 Elmwood Avenue
Rochester, NY 14618

RE: Dead tree removals along the Highland Crossing Trail

Dear Commissioner Guyon:

The Conservation Board/Tree Council appreciated your presentation of the Highland Crossing Trail at their meeting held on October 15, 2019. In regards to the removal of dead Ash trees along the trail, the Board/Council supports the removal of those trees identified which could pose a safety risk along the trail. As proposed, the Board/Council encourages the trees be removed in a fashion which provides essential food and habitat to wildlife.

Sincerely,

Rick DiStefano, Secretary
Brighton Tree Council