



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

## TREE HAZARD EVALUATION FORM 2nd Edition

Site/Address: 4420 Keistone Ave.  
Map/Location: Tract 17328 Lot 112 Block 4400  
Owner: public ☐ private ☒ unknown ☐ other ☐  
Date: 10/29/24 Inspector: David Talavera  
Date of last inspection: 10/29/24

### HAZARD RATING:

<u>3</u>	+	<u>3</u>	+	<u>2</u>	=	<u>8</u>
Failure Potential		Size of part		Target Rating		Hazard Rating
<input type="checkbox"/> Immediate action needed						
<input checked="" type="checkbox"/> Needs further inspection						
<input type="checkbox"/> Dead tree						

### TREE CHARACTERISTICS

Tree #: 1 Species: Brazilia Pepper 9Schinus Terebinthifolius  
DBH: 25" # of trunks: 1 Height: 26' Spread: 36'  
Form: ☐ generally symmetric ☐ minor asymmetry ☒ major asymmetry ☐ stump sprout ☐ stag-headed  
Crown class: ☒ dominant ☐ co-dominant ☐ intermediate ☐ suppressed  
Live crown ratio: 80 % 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: illegal trimming  
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: none

### 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 wetted  
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. ☐ none  
Exposure to wind: ☐ single tree ☐ below canopy ☐ above canopy ☐ recently exposed ☐ windward, canopy edge ☐ area prone to windthrow  
Prevailing wind direction: N/E 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

The International Society of Arboriculture assumes no responsibility for conclusions or recommendations derived from use of this form.

## TREE DEFECTS

### ROOT DEFECTS:

Suspect root rot: Y ☒ N Mushroom/conk/bracket present: Y ☒ N ID: \_\_\_\_\_

Exposed roots: ☐ severe ☒ moderate ☐ low Underscored: ☐ severe ☐ moderate ☐ low

Root pruned: 5' distance from trunk Root area affected: 20 % Buttress wounded: Y ☒ N When: year 2023

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: Unbalance crow 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			S	S
Bow, sweep			S	S
Codominants/forks			M	
Multiple attachments			S	S
Included bark		N		
Excessive end weight		N		S
Cracks/splits		N	N	
Hangers				N
Girdling	N			
Wounds/seam	N		S	S
Decay	N	N	N	
Cavity	N	N	N	
Conks/mushrooms/bracket	N	N	N	
Bleeding/sap flow	N	N	N	
Loose/cracked bark	N	N	N	
Nesting hole/bee hive	N	N	N	
Deadwood/stubs			S	S
Borers/termites/ants			M	M
Cankers/galls/burls	N	N	N	
Previous failure	N	N	N	N

### HAZARD RATING

Tree part most likely to fail: Big Branches

Inspection period: X annual \_\_\_\_\_ biannual \_\_\_\_\_ other \_\_\_\_\_

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

3 + 3 + 2 = 8

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: 10/29/24

### COMMENTS

Illegal trimming create Unbalance crow hazard condition  
Sidewalk lifted schedule for fix (root pruning will need) no suitable tree will need to be remove  
tree have multiple attachment (due to topped when was a young tree) hazard at this time

Recommendation: Remove and replace