RHDC
RALEIGH HISTORIC
DEVELOPMENT COMMISSION

CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

404 Polk St
Address

Oakwood
Historic District

Historic Property

COA-0009-2024
Certificate Number

2/5/2024
Date of Issue

8/5/2024
Expiration Date

Project Description:

Remove 2 diseased trees; plant 2 replacement trees

This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Signature, Erin Morton Pugh
Raleigh Historic Development Commission

Pending the resolution of appeals, commencement of work is at your own risk.

Type or print the following:		
Applicant name: Eugene Conti		
Mailing address: 400 Polk St		
City: Raleigh	State: NC	Zip code: 27604
Date: 1/26/24	Daytime phone #: 919 345-8764	
Email address: ginoconti46@gmail.com		
Applicant signature:		

Minor work (staff review) – one copy

Major work (COA committee review) – ten copies

- Additions > 25% of building sq. footage
- New buildings
- Demolition of building or structure
- All other

Post approval re-review of conditions of approval

Office Use Only

Transaction #: _____

File #: COA-0009-2024

Fee: _____

Amount paid: _____

Received date: _____

Received by:

_____

Property street address: 404 Polk St	
Historic district: Oakwood	
Historic property/Landmark name (if applicable):	
Owner name: Eugene Conti	
Owner mailing address: ginoconti46@gmail.com	

For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.

Property Owner Name & Address	Property Owner Name & Address

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes No Did you consult with staff prior to filing the application? Yes No	Office Use Only Type of work: 76

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
1	3.5	remove diseased trees

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until 08/05/2024.

Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

Signature (City of Raleigh) Erin Martin Pugh Date 02/05/2024

TREE REMOVAL 404 POLK ST 12/11/2023

We have 2 diseased maple trees on a vacant lot next to our house at 400 Polk St.

These trees have dropped several limbs on our neighbor's house and fence.

We have attached an arborist's report which recommends removal.

Eugene Conti

ISA Basic Tree Risk Assessment Form

Client EUGENE CONTI Date 11-11-2023 Time NOON

Address/Tree location 400 POLK ST RALEIGH Tree no. 1 Sheet ____ of ____

Tree species RED MAPLE dbh 18.5 Height 65. FT Crown spread dia. ____

Assessor(s) LES TIDWELL SO-5750-A Tools used EYE / EXP Time frame 6-1YR

Target Assessment

Target number	Target description	Target protection	Target zone: Target within drip line	Target zone: Target within 1x Ht.	Target zone: Target within 1.5x Ht.	Occupancy rate (1–rare 2–occasional 3–frequent 4–constant)	Practical to move target?	Restriction practical?
1	HOUSE	N/A	✓			4	NO	NO
2	FENCE	N/A	✓			4	NO	NO
3	GAZEBO	N/A	✓			4	NO	NO
4								

Site Factors

History of failures YES Topography Flat ☒ Slope ☐ ____% Aspect ____

Site changes None ☐ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☒ Describe SEVERE

Soil conditions Limited volume ☒ Saturated ☐ Shallow ☒ Compacted ☐ Pavement over roots ☐ ____% Describe ____

Prevailing wind direction N/A Common weather Strong winds ☒ Ice ☐ Snow ☐ Heavy rain ☐ Describe SEASONAL

Tree Health and Species Profile

Vigor Low ☒ Normal ☐ High ☐ Foliage None (seasonal) ☐ None (dead) ☐ Normal 40 % Chlorotic 20 % Necrotic 30 %

Pests/Biotic BORERS Abiotic ____

Species failure profile Branches ☒ Trunk ☒ Roots ☒ Describe TIGHT UNIONS / SHALLOW ROOTS

Load Factors

Wind exposure Protected ☐ Partial ☒ Full ☐ Wind funneling ☐ ____ Relative crown size Small ☐ Medium ☒ Large ☐

Crown density Sparse ☒ Normal ☐ Dense ☐ Interior branches Few ☒ Normal ☐ Dense ☐ Vines/Mistletoe/Moss ☐ ____

Recent or expected change in load factors STORM DAMAGE UNBALANCED CROWN

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR 40 %

Dead twigs/branches ☐ 30 % overall Max. dia. 3-6 IN.

Broken/Hangers Number 1-2 Max. dia. 2-9 INC

Over-extended branches ☐

Pruning history

Crown cleaned ☐ Thinned ☐ Raised ☒

Reduced ☐ Topped ☐ Lion-tailed ☐

Flush cuts ☐ Other ____

Cracks ☐ ____ Lightning damage ☐

Codominant ☒ CROWN & STEM Included bark ☐

Weak attachments ☒ 50% Cavity/Nest hole 30 % circ.

Previous branch failures ☒ 30% Similar branches present ☒

Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☒

Conks ☐ Heartwood decay ☒ OLD STORM DAMAGE

Response growth LOW VIGOR

Condition(s) of concern TIGHT UNIONS DECAY IN LEADS

Part Size 40% Fall Distance 12-14 FT

Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐

Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

Part Size 50% Fall Distance 12-14 FT

Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☒

Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

— Trunk —

Dead/Missing bark ☐ Abnormal bark texture/color ☐

Codominant stems ☒ Included bark ☒ Cracks ☒

Sapwood damage/decay ☒ Cankers/Galls/Burls ☐ Sap ooze ☐

Lightning damage ☐ Heartwood decay ☒ Conks/Mushrooms ☐

Cavity/Nest hole ____ % circ. Depth ____ Poor taper ☐

Lean ____° Corrected? ____

Response growth LOW

Condition(s) of concern STORM DAMAGE ROOT PLATE

Part Size 40% Fall Distance 12-14 FT

Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐

Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

— Roots and Root Collar —

Collar buried/Not visible ☐ Depth ____ Stem girdling ☒

Dead ☐ Decay ☒ Conks/Mushrooms ☐

Ooze ☐ Cavity ☐ ____% circ.

Cracks ☐ Cut/Damaged roots ☒ Distance from trunk 1-2 FT

Root plate lifting ☐ Soil weakness ☒

Response growth LOW

Condition(s) of concern STORM DAMAGE ROOT FAILURE

Part Size 50% Fall Distance 12-14 FT

Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐

Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

Risk Categorization

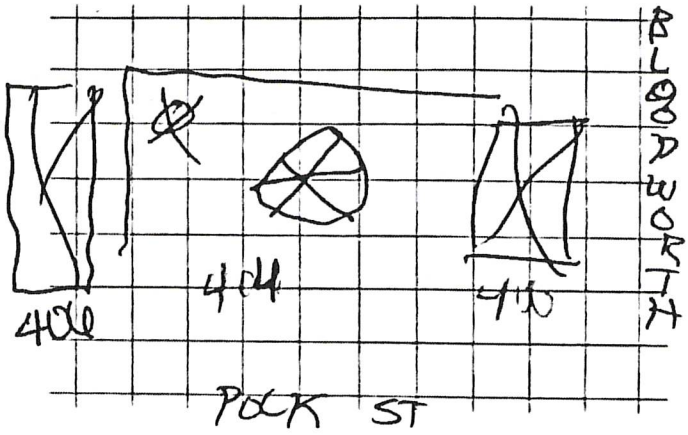
Target (Target number or description)	Tree part	Condition(s) of concern	Likelihood: Failure: Improbable	Failure: Possible	Failure: Probable	Failure: Imminent	Impact: Very low	Impact: Low	Impact: Medium	Impact: High	Failure & Impact (from Matrix 1): Unlikely	Failure & Impact: Somewhat	Failure & Impact: Likely	Failure & Impact: Very likely	Consequences: Negligible	Consequences: Minor	Consequences: Significant	Consequences: Severe	Risk rating (from Matrix 2)
HOUSE	250%	ROOT DECAY CROW/STORM DAMAGE			✓				✓				✓				✓		MOD
FENCE					✓				✓				✓				✓		MOD
GAZEBO				✓					✓				✓				✓		MOD

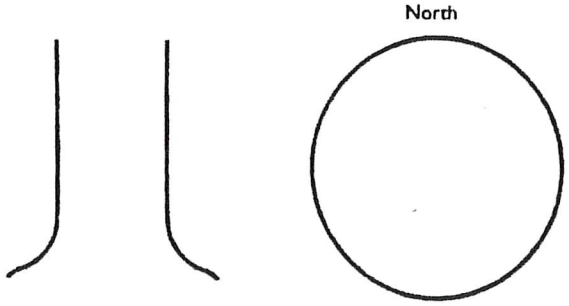
Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impact: Very low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Matrix 2. Risk rating matrix.

Likelihood of Failure & Impact	Consequences of Failure: Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low





Notes, explanations, descriptions

SEVERE STORM DAMAGE
SEVERE ROOT DAMAGE
FOUNDATION CRACKED

Mitigation options

1. REMOVAL RECOMMENDED — Residual risk 0
2. _____ — Residual risk _____
3. _____ — Residual risk _____
4. Lydia Tidwell ISA# 50.5750A — Residual risk _____

Overall tree risk rating Low ☐ Moderate ☒ High ☐ Extreme ☐

Overall residual risk None ☒ Low ☐ Moderate ☐ High ☐ Extreme ☐ **Recommended inspection interval** N/A

Data ☒ Final ☐ Preliminary **Advanced assessment needed** ☒ No ☐ Yes-Type/Reason _____

Inspection limitations ☒ None ☐ Visibility ☐ Access ☐ Vines ☐ Root collar buried Describe _____

ISA Basic Tree Risk Assessment Form

Client EUGENE CONTI Date 11-14-2023 Time NOON
Address/Tree location 400 POLK ST RALEIGH Tree no. 2 Sheet ___ of ___
Tree species RED MAPLE dbh 16" Height 60 FT Crown spread dia. 40 FT
Assessor(s) LES TIDWELL SO5750-A Tools used EYES + EXPERT Time frame 60 MIN

Target Assessment

Target number	Target description	Target protection	Target zone: Target within drip line	Target zone: Target within 1x Ht.	Target zone: Target within 1.5x Ht.	Occupancy rate (1 - rare, 2 - occasional, 3 - frequent, 4 - constant)	Practical to move target?	Restriction practical?
1	HOUSE	N/A	✓			4	NO	NO
2	JAP MAPLE	N/A	✓			4	NO	NO
3	POWER LINES	N/A		✓		4	NO	NO
4	PEDESTRIANS	N/A		✓		2	—	—

Site Factors

History of failures ___ Topography Flat ☒ Slope ☐ ___% Aspect ___
Site changes None ☒ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe ___
Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pavement over roots ☐ 20 % Describe SIDEWALK
Prevailing wind direction N/A Common weather Strong winds ☒ Ice ☐ Snow ☐ Heavy rain ☐ Describe SEASONAL

Tree Health and Species Profile

Vigor Low ☒ Normal ☐ High ☐ Foliage None (seasonal) ☒ None (dead) ☐ Normal ___% Chlorotic 40 % Necrotic ___%
Pests/Biotic BORERS Abiotic ___
Species failure profile Branches ☒ Trunk ☒ Roots ☒ Describe TIGHT UNIONS / SHALLOW ROOTS

Load Factors

Wind exposure Protected ☐ Partial ☒ Full ☐ Wind funneling ☐ ___ Relative crown size Small ☐ Medium ☒ Large ☐
Crown density Sparse ☒ Normal ☐ Dense ☐ Interior branches Few ☐ Normal ☒ Dense ☐ Vines/Mistletoe/Moss ☐ N/A
Recent or expected change in load factors N/A

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR 30 %
Dead twigs/branches ☒ 40 % overall Max. dia. 8 IN
Broken/Hangers Number ___ Max. dia. ___
Over-extended branches ☒
Pruning history
Crown cleaned ☐ Thinned ☐ Raised ☒
Reduced ☐ Topped ☐ Lion-tailed ☐
Flush cuts ☐ Other ___
Condition(s) of concern ___
Part Size 8 IN Fall Distance 15 FT
Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

Cracks ☐ ___ Lightning damage ☐
Codominant ☒ CROWN Included bark ☒
Weak attachments ☒ CO-DOM Cavity/Nest hole 10 % circ.
Previous branch failures ☒ ___ Similar branches present ☒
Dead/Missing bark ☐ Cankers/Galls/Burls ☐ Sapwood damage/decay ☐
Conks ☐ Heartwood decay ☐ ___
Response growth MIN
Condition(s) of concern TIGHT UNION W/ LARGE CAVITY, HYPOXYLON CANKER
Part Size 40 Fall Distance 15 FT
Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☒
Likelihood of failure Improbable ☐ Possible ☐ Probable ☒ Imminent ☐

— Trunk —

Dead/Missing bark ☐ Abnormal bark texture/color ☐
Codominant stems ☒ Included bark ☒ Cracks ☐
Sapwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐
Lightning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐
Cavity/Nest hole ___ % circ. Depth ___ Poor taper ☐
Lean ___° Corrected? ___
Response growth ___
Condition(s) of concern TIGHT UNION CO-DOM
Part Size ___ Fall Distance ___
Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
Likelihood of failure Improbable ☐ Possible ☒ Probable ☐ Imminent ☐

— Roots and Root Collar —

Collar buried/Not visible ☐ Depth ___ Stem girdling ☒
Dead ☐ Decay ☐ Conks/Mushrooms ☐
Ooze ☐ Cavity ☐ ___% circ.
Cracks ☐ Cut/Damaged roots ☒ Distance from trunk 1-2 FT
Root plate lifting ☐ Soil weakness ☐
Response growth ___
Condition(s) of concern GIRDLING ROOTS
Part Size 30% Fall Distance 15 FT
Load on defect N/A ☐ Minor ☐ Moderate ☒ Significant ☐
Likelihood of failure Improbable ☐ Possible ☒ Probable ☐ Imminent ☐

Risk Categorization

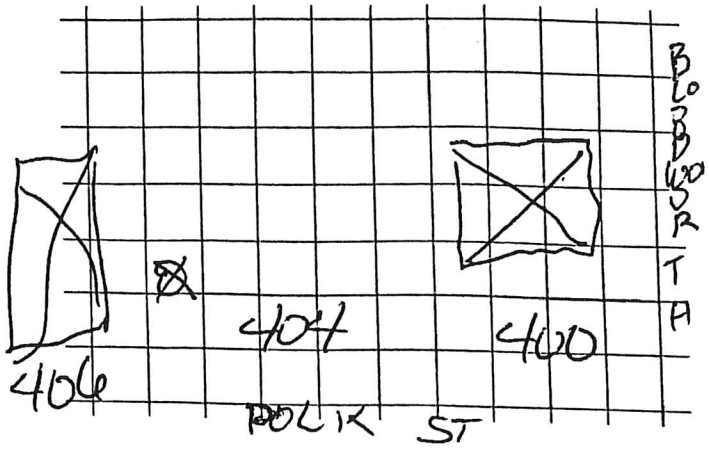
Target (Target number or description)	Tree part	Condition(s) of concern	Likelihood: Failure: Improbable	Likelihood: Failure: Possible	Likelihood: Failure: Probable	Likelihood: Failure: Imminent	Likelihood: Impact: Very low	Likelihood: Impact: Low	Likelihood: Impact: Medium	Likelihood: Impact: High	Likelihood: Failure & Impact (from Matrix 1): Unlikely	Likelihood: Failure & Impact (from Matrix 1): Somewhat	Likelihood: Failure & Impact (from Matrix 1): Likely	Likelihood: Failure & Impact (from Matrix 1): Very likely	Consequences: Negligible	Consequences: Minor	Consequences: Significant	Consequences: Severe	Risk rating (from Matrix 2)
HOUSE	50%	CO-DOM HYPOXYLON			✓				✓				✓				✓		MOD
~~FENCE~~ POWER LINE					✓				✓				✓				✓		MOD
JAP MAPLE					✓				✓				✓				✓		MOD

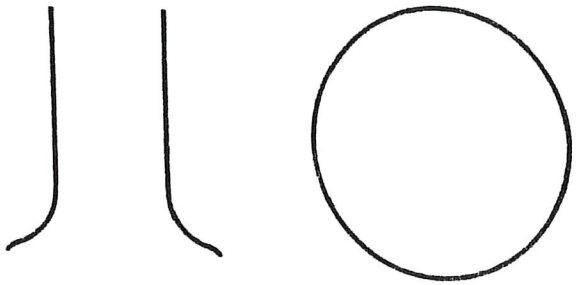
Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impact: Very low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Matrix 2. Risk rating matrix.

Likelihood of Failure & Impact	Consequences of Failure: Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low





Notes, explanations, descriptions

BECAUSE IT IS INFECTED WITH HYPOXYLON I RECOMMEND REMOVAL

Mitigation options

1. RECOMMEND TO REMOVE
2.
3.
4. ISA # SO 5750-A

Residual risk 0

Residual risk

Residual risk

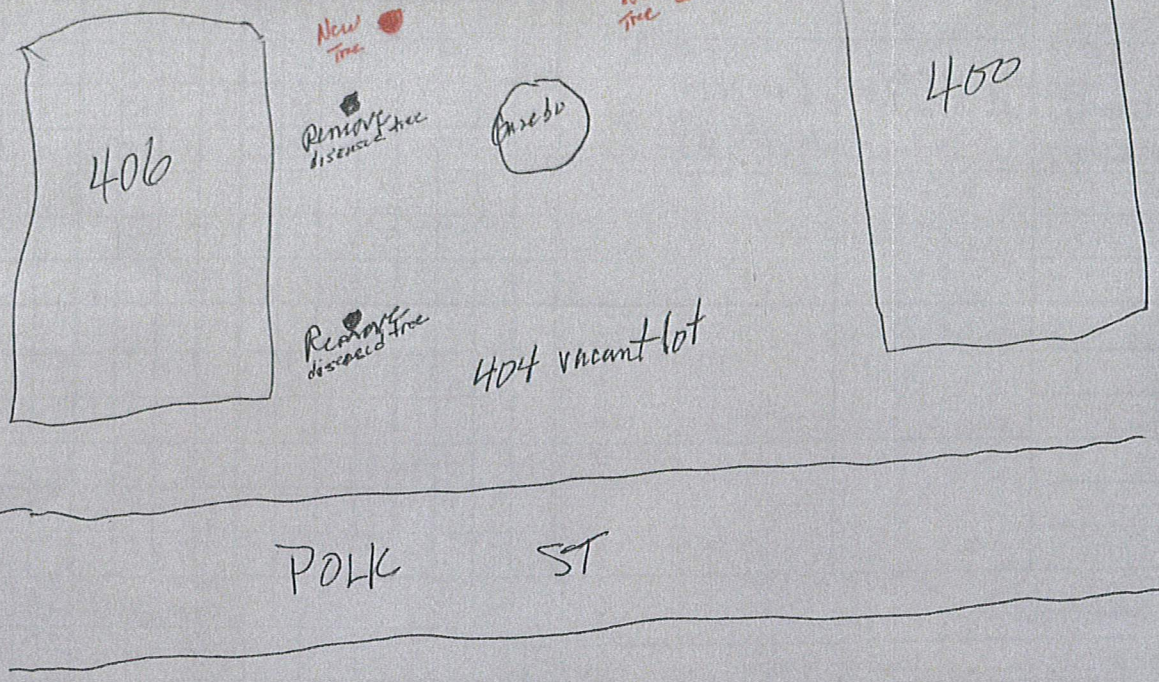
Residual risk

Overall tree risk rating Low ☐ Moderate ☒ High ☐ Extreme ☐

Overall residual risk None ☑ Low ☐ Moderate ☐ High ☐ Extreme ☐ **Recommended inspection interval** N/A

Data ☑ Final ☐ Preliminary **Advanced assessment needed** ☑ No ☐ Yes-Type/Reason

Inspection limitations ☑ None ☐ Visibility ☐ Access ☐ Vines ☐ Root collar buried Describe



ADDENDUM TO COA 0009-2024

As shown in diagram above, we would request removal of two diseased trees at 404 Polk St.

We propose to replace those trees with two acer rubrum (ACER RUBRUM) trees to be planted on the back of the lot on either side of the gazebo.

Please advise me about any other questions.

Thank you.

G. Conti
EUGENE A. CONTI
400 POLK ST
919 345-8764
ginoconti46@gmail.com

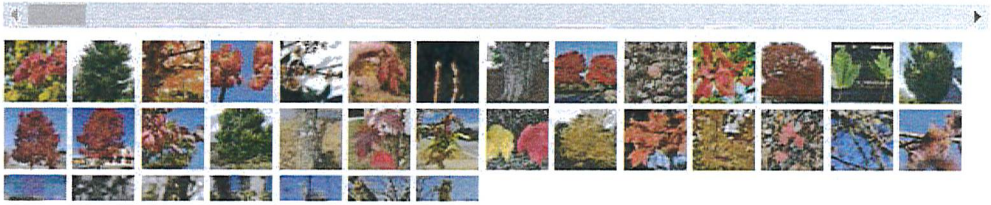
Acer rubrum

Common Name(s): Carolina Maple; Red Maple; Scarlet Maple; Soft Maple; Swamp Maple

Previously known as: *Acer sanguineum*; *Rufacer rubrum*

Leaves
Frankenschulz
CC BY-NC-SA 2.0

'Red Sunset' Form (Daniel Stowe Botanical Garden, NC)
Jim Robbins
CC BY-NC-ND 4.0



Phonetic Spelling
AY-ser ROO-brum

Description
Red maple is a native, deciduous tree in the Sapindaceae (soapberry) family that may grow to 120 feet tall with a trunk 6 feet in diameter, but is more commonly 40 to 70 feet high and 1 1/2 to 2 1/2 feet across. It is a handsome shade tree with a rounded crown and ascending branches to a 30- to 50-foot spread. In nature, it can be found growing in upland deciduous forests, up to at least 1500 meters in elevation.

Red maple is easy to grow in average, medium to wet, well-drained soil in full sun to partial shade. It is tolerant of a wide range of soils, including clay, but prefers moist, slightly acidic conditions. It is very cold hardy and grows faster than Norway and sugar maples, but slower than silver maples.

This is one of the first trees to show color in the fall. The leaves are opposite, with three to five palmate lobes and toothed margins on long red stems. The red maple has a slightly smaller leaf than most other species of maples. Its leaves' most distinctive feature is a rough, saw-like edge. If the leaf margin, or edge, of your maple's leaves appear serrated, it is probably a red maple. The bark of young trees is smooth and silvery-gray, becoming scaly and dark with age. Small, red flowers in clusters mature in late winter, and the tree is one of the first to flower in early spring. During spring, light brown or red-winged samaras mature. In the fall the leaves turn orange-red, though the brilliance of this color can vary among individual trees. It is easy to plant and establish as a transplant of a small specimen bare-root, or balled and burlapped.

This tree is the best choice for a soft maple. It makes an excellent lawn, park, or street tree. It has some tolerance for air pollution. The light, creme-colored wood, which is known commercially as soft maple, is heavy, closed grained, and rather weak. It is