

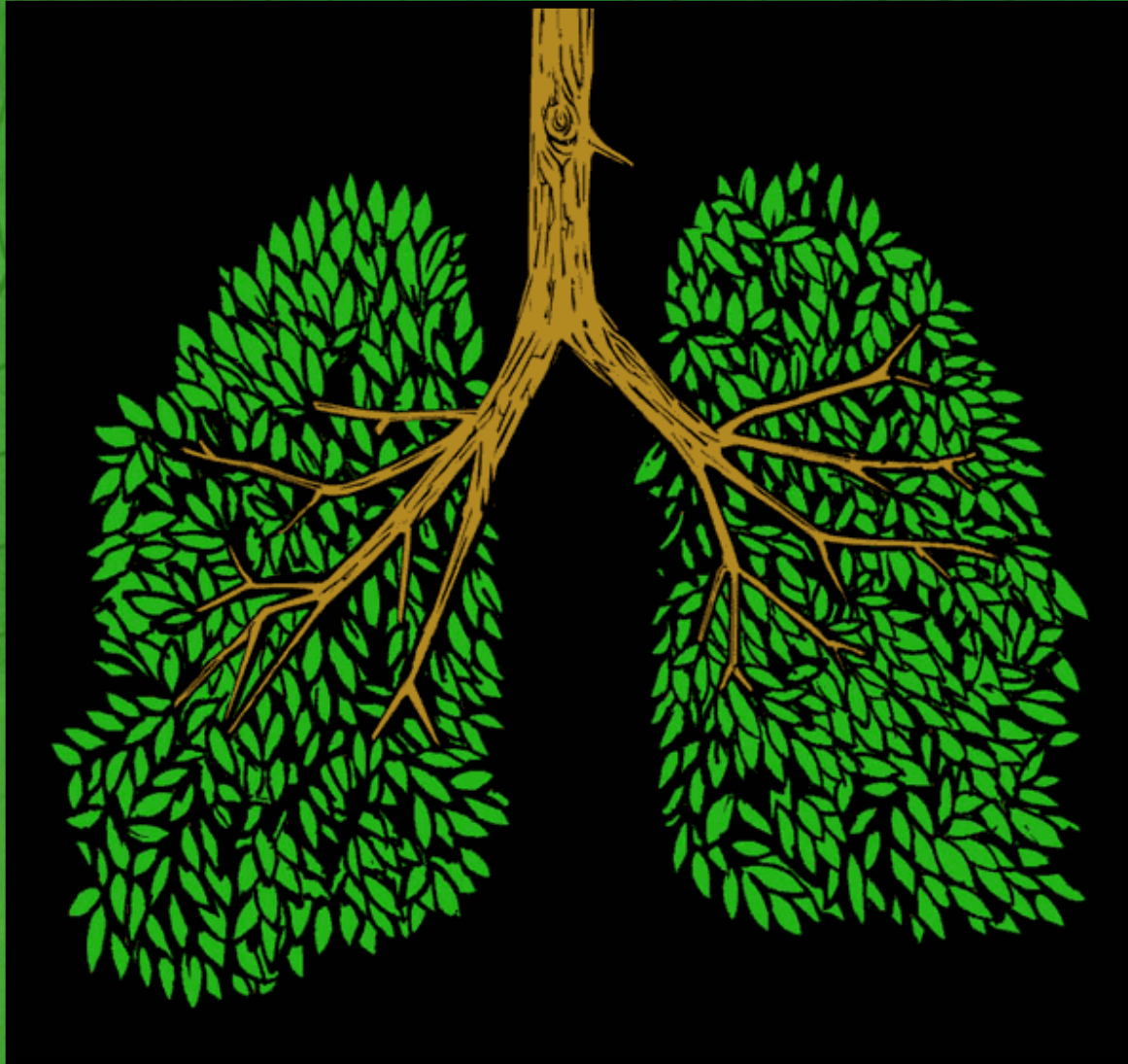


# Professional Pruning

Lara Schuman  
City of Austin Urban Forestry

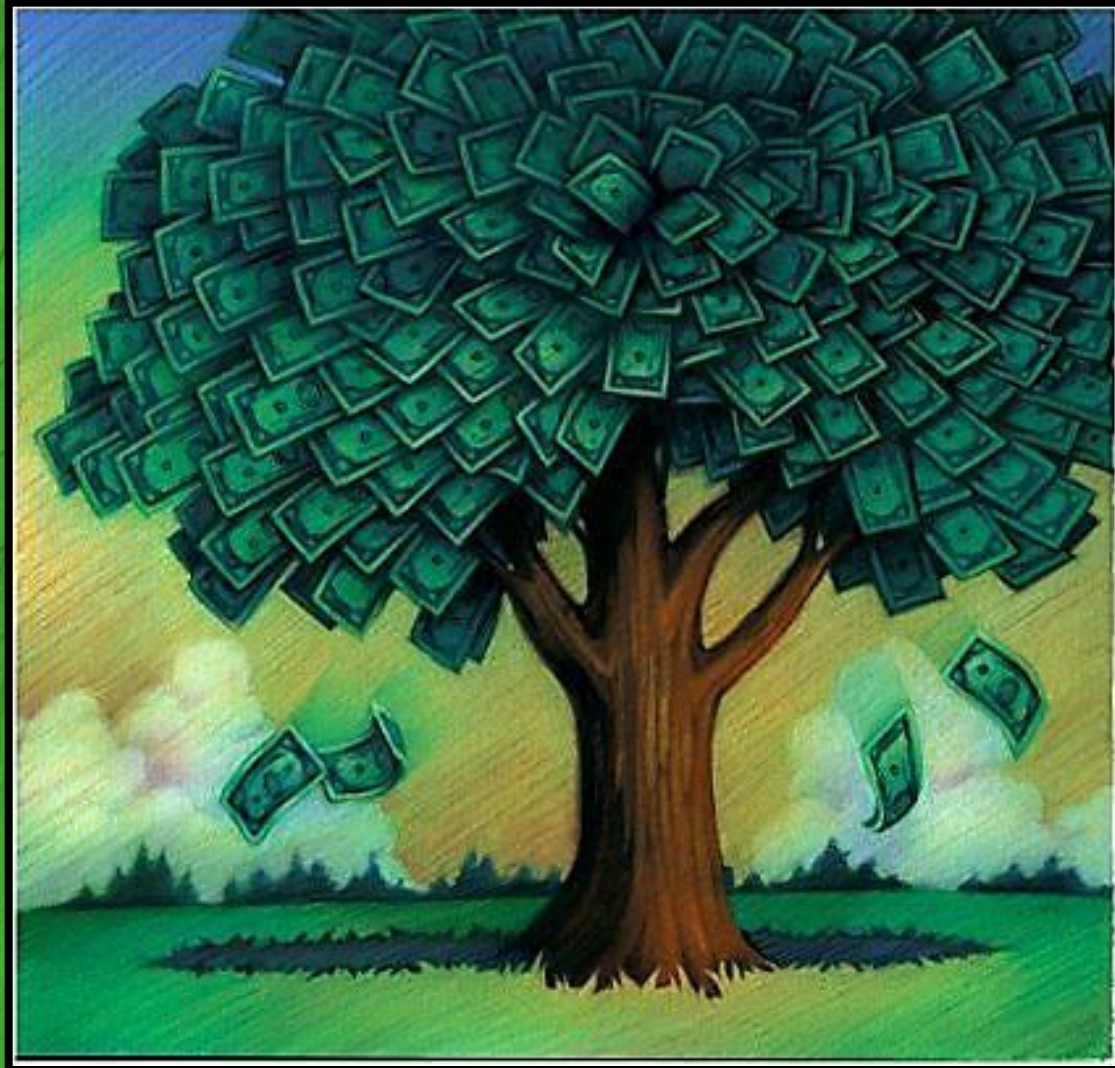
# Trees Are Good

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# Trees are an Investment

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# Trees are Living Creatures



# We Can do More Harm than Good

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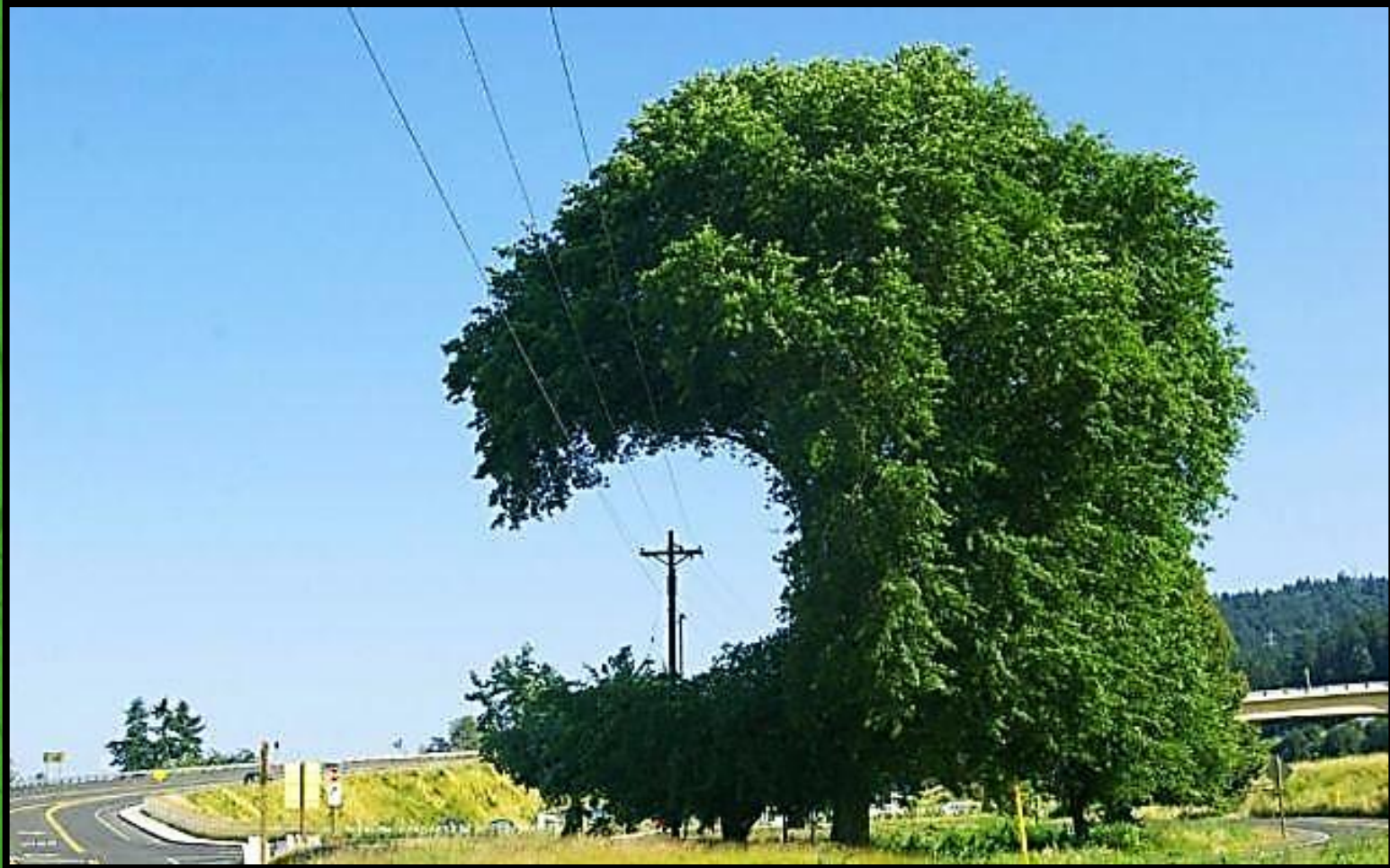


# An Asset can Become a Liability



# Pruning Basics

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# Trees Can't Heal

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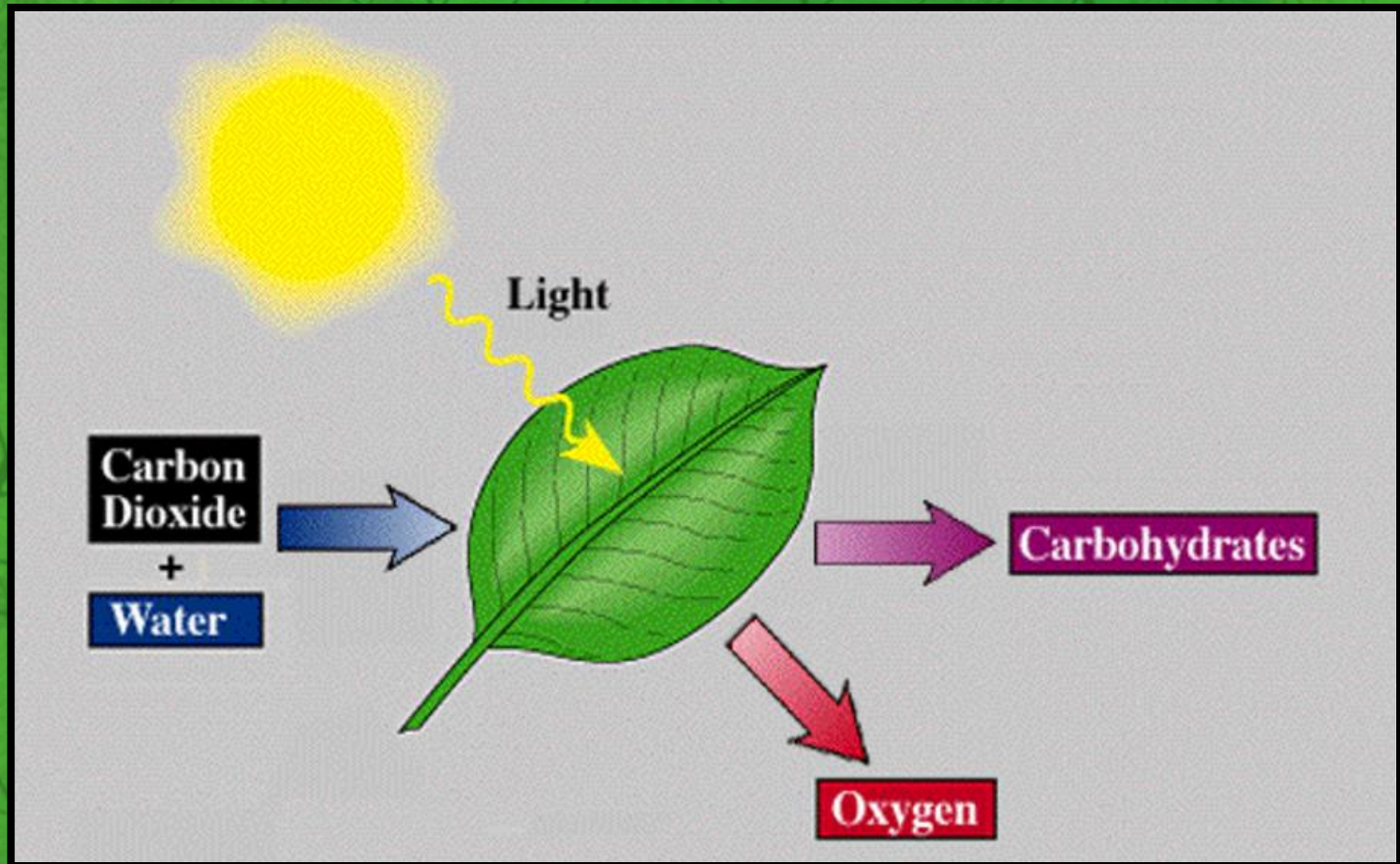


# Pruning Causes Wounds

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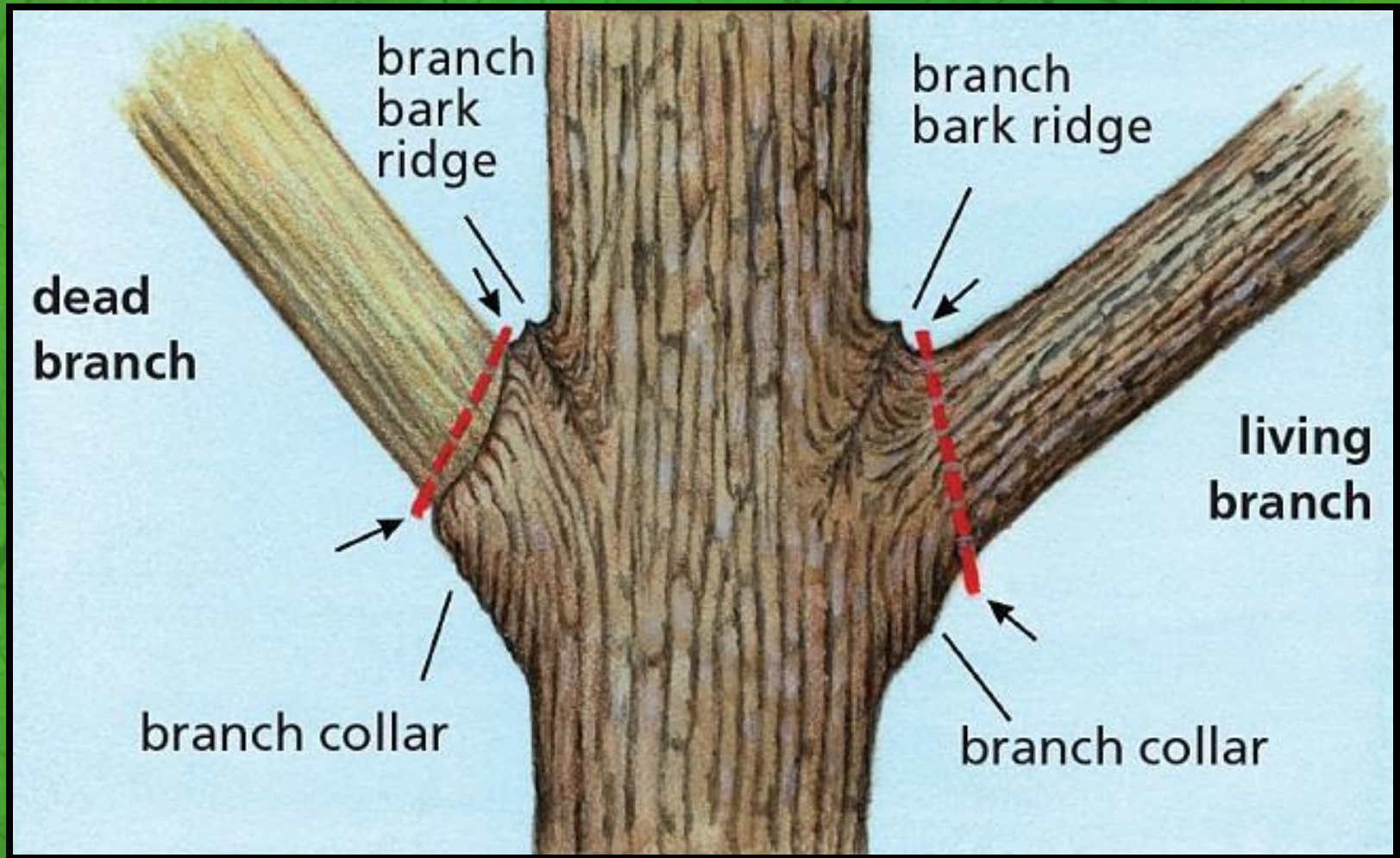
# Leaves are Food Factories



# Prune for a Specific Goal



# Proper Pruning Cuts



# Branch Collar

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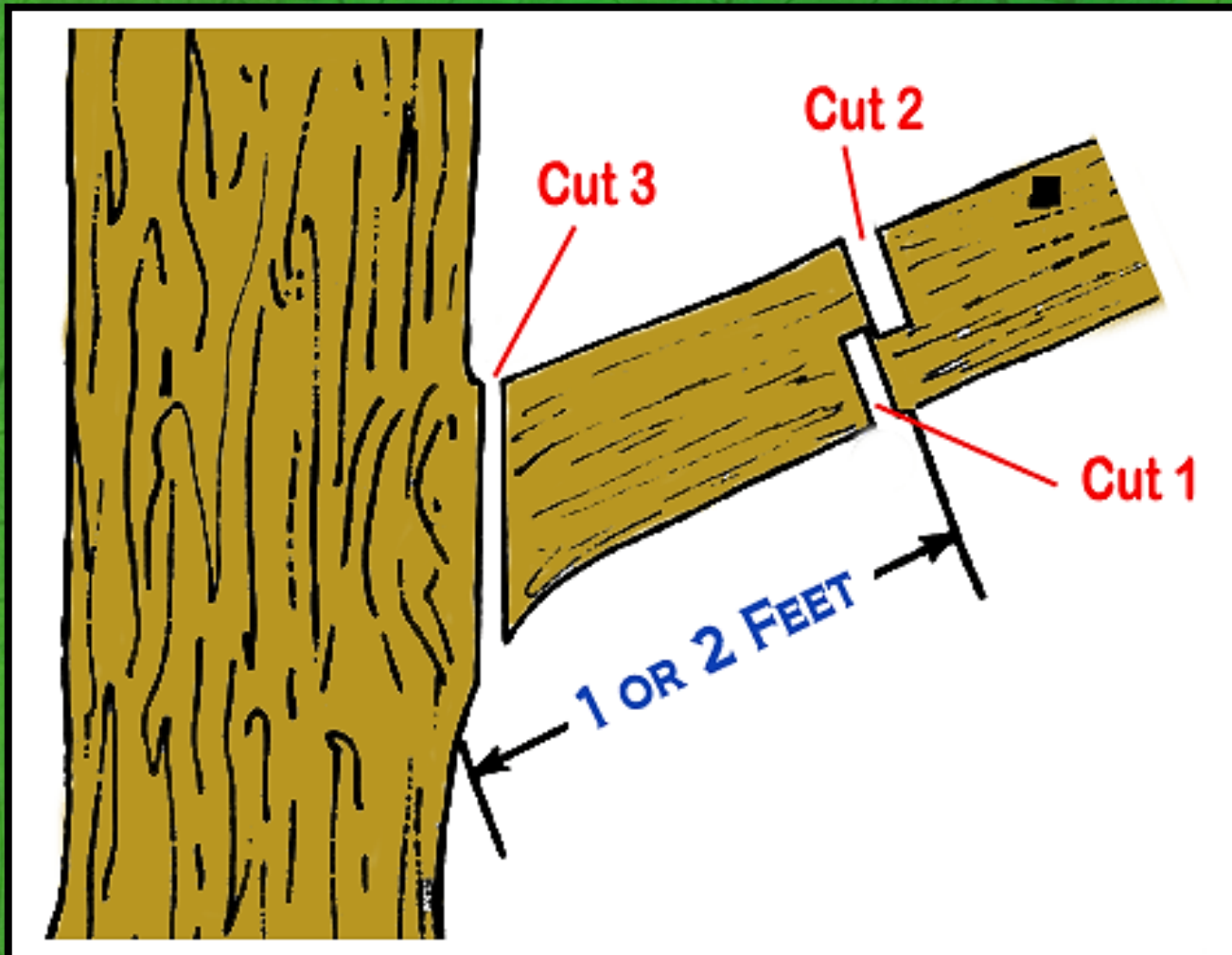
# Avoid Tearing

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# Three Part Cut

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# Lion's Tailing

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# Lion's Tailing

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# Over Pruning



# The Cycle Continues



New  
Sprouts!

# Topping

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# Topping Leads to Poor Structure



# Topping Increases Risk

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# Correct Pruning

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Before



After

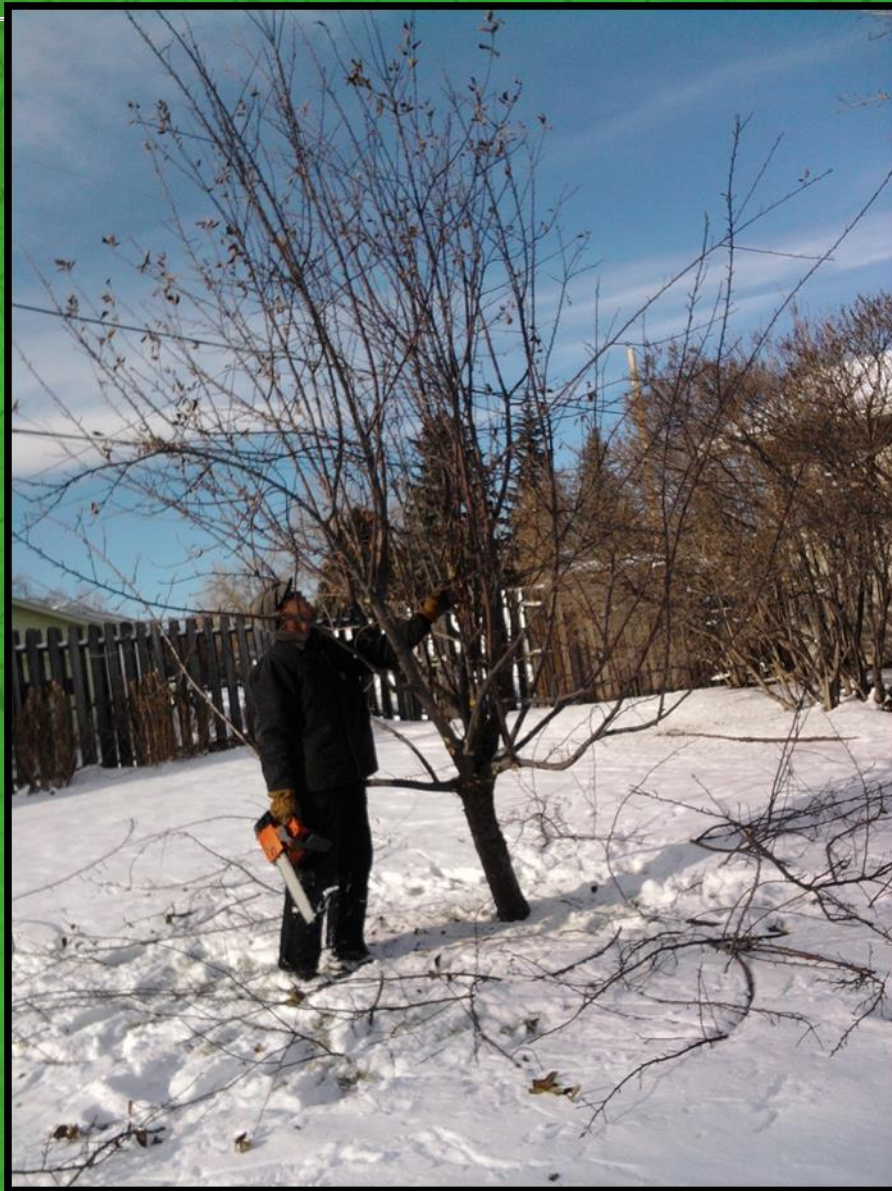
# Don't Forget the Permit

The image shows two overlapping forms. The top form is the 'Tree Ordinance Review Application' from the Planning and Development Review Department. It includes fields for ROW I.D., Map No. P#, and application requirements such as tree removal, critical root zone impacts, and live canopy impacts. It also has sections for owner/agent information, tree details (species, trunk size, condition), and application determination options (Approved, Approved With Conditions, Statutory Denial). The bottom form is the 'Public Tree Care Permit' from the Austin Parks & Recreation Urban Forestry Program. It includes fields for applicant information, scope of work, start date, and ISA certified arborist details. It also contains a list of conditions for approval and a section for the permit's validity period. Both forms include logos for the City of Austin and CAPRA (City Arborists Professional Registration Act).



# Pruning Young Trees

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# Reduce Structural Defects



# Make Small Wounds

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# This Tree...

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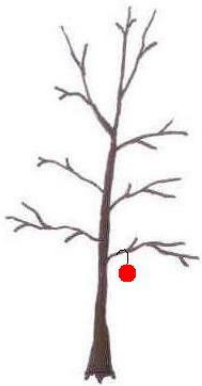


# Can Become This Tree

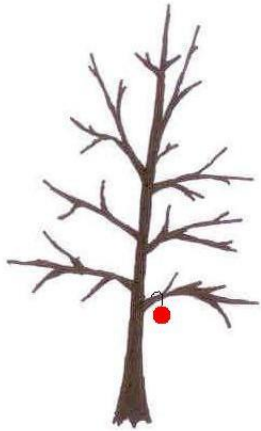
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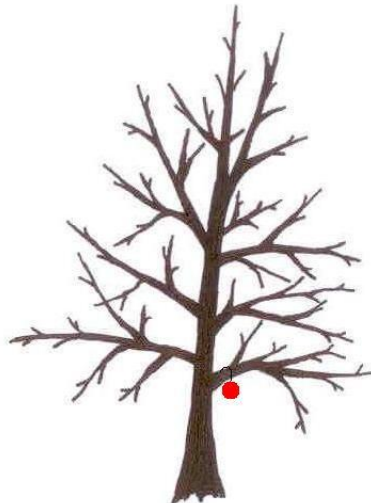
# Temporary Branches



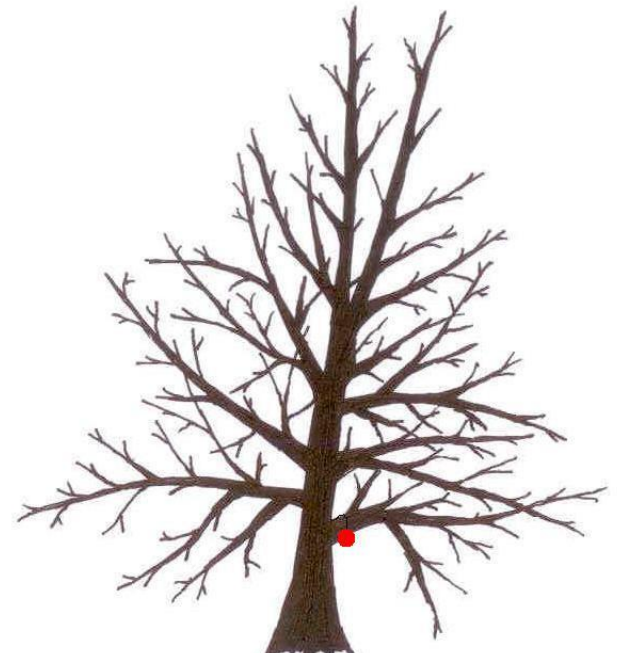
Year 1



Year 3



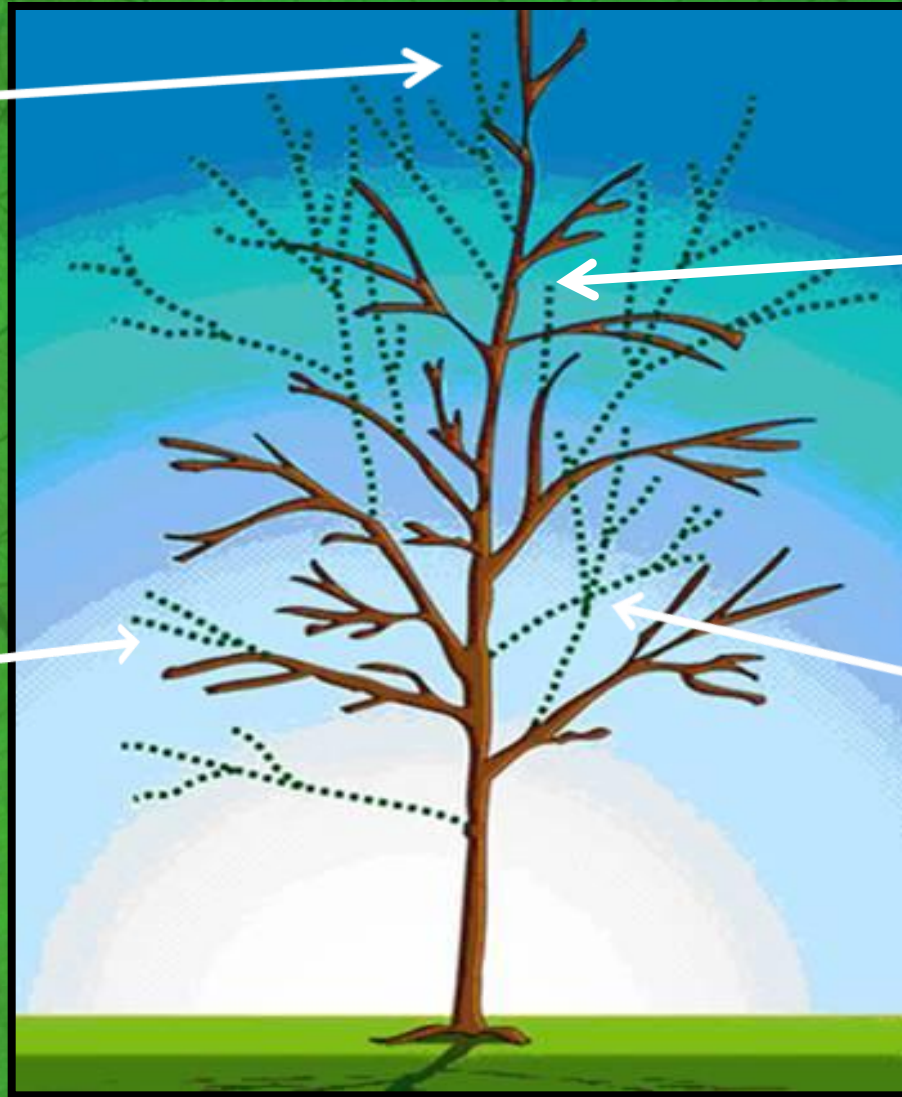
Year 6



Year 10

# Make a Plan

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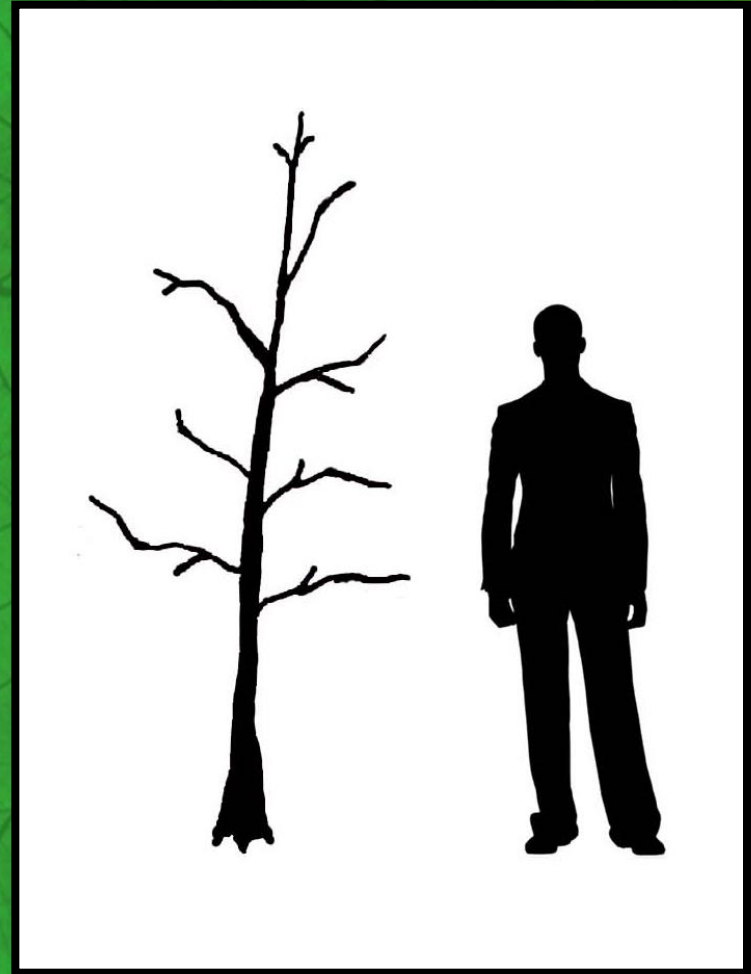
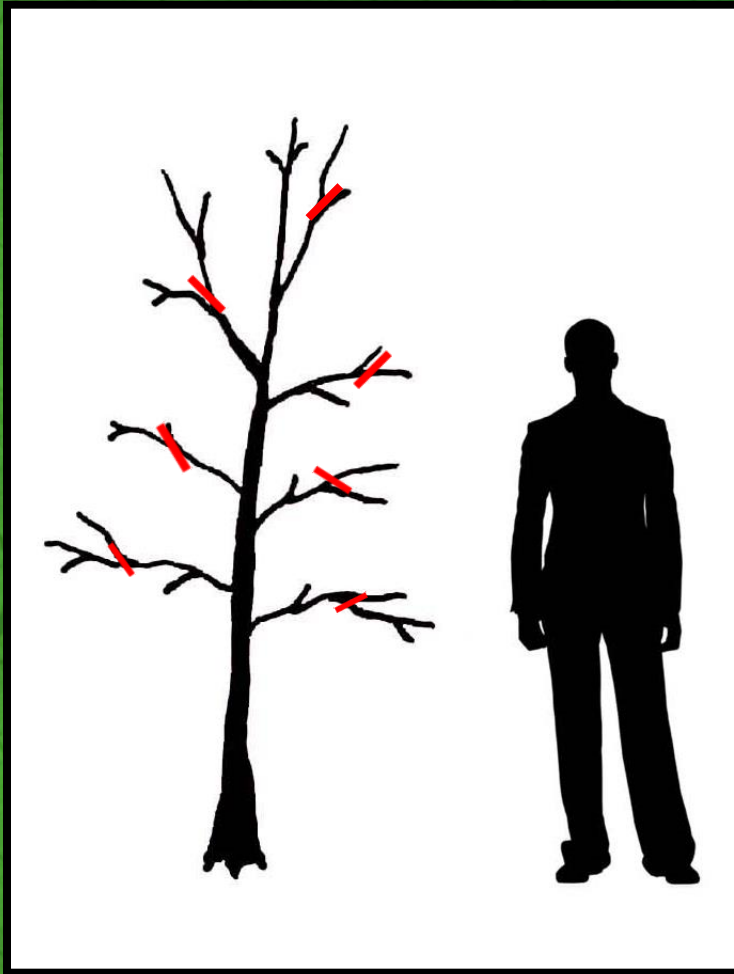
Competing  
with Leader

Leader

Temporary  
Branch

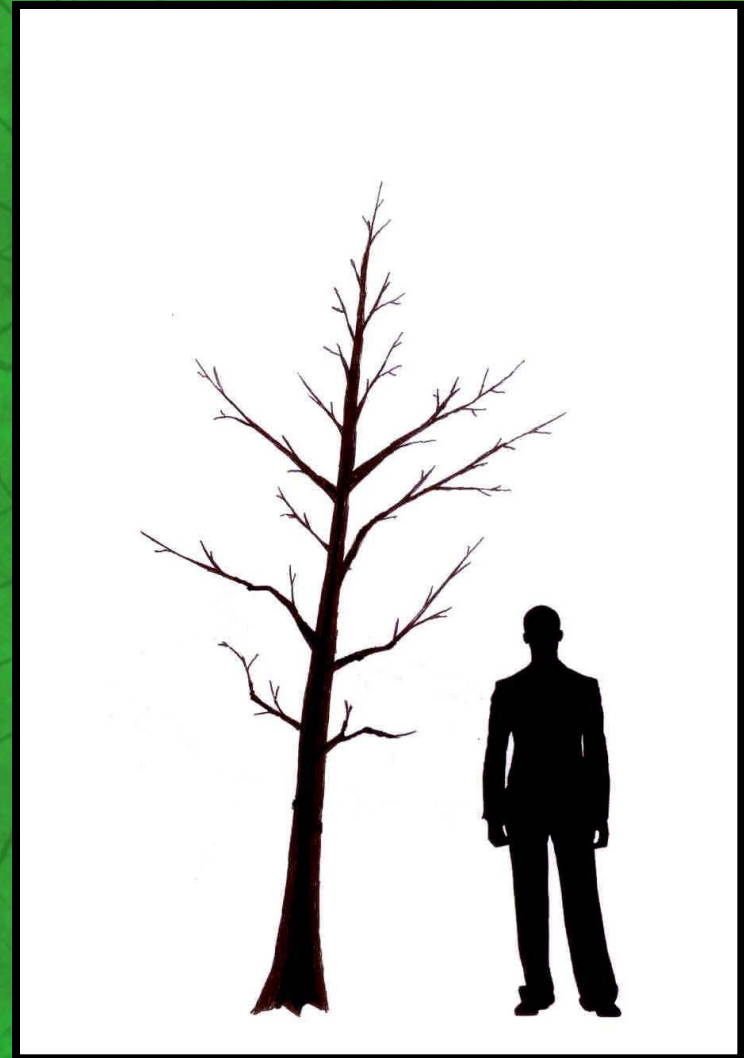
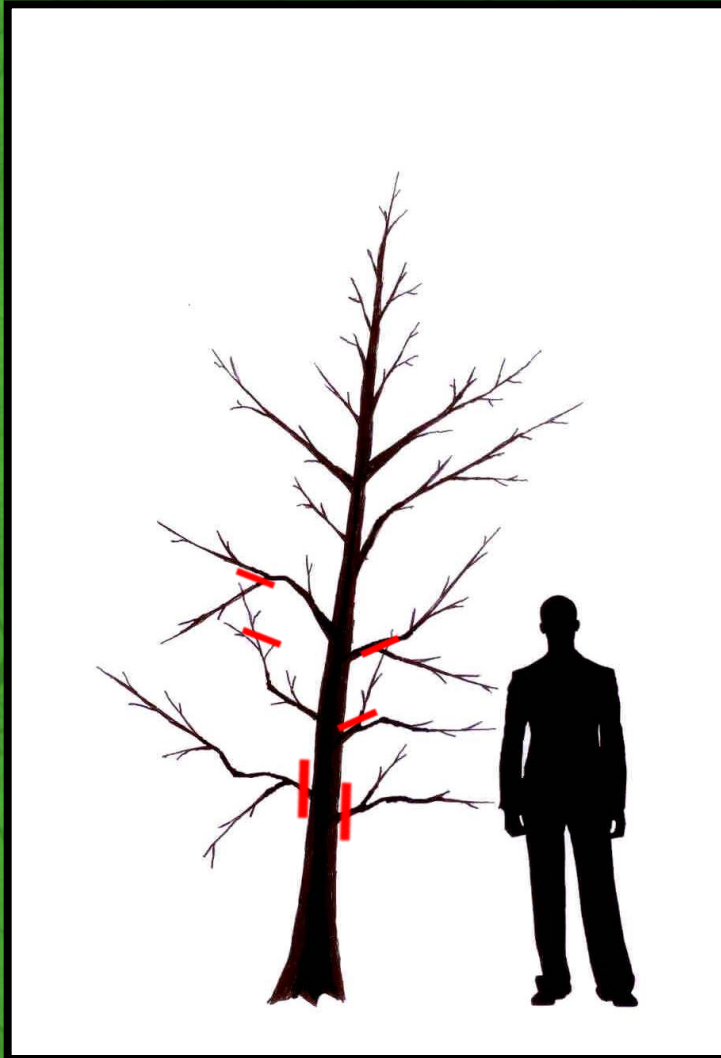
Crossing  
Branches

# Subordinate Temporary Branches

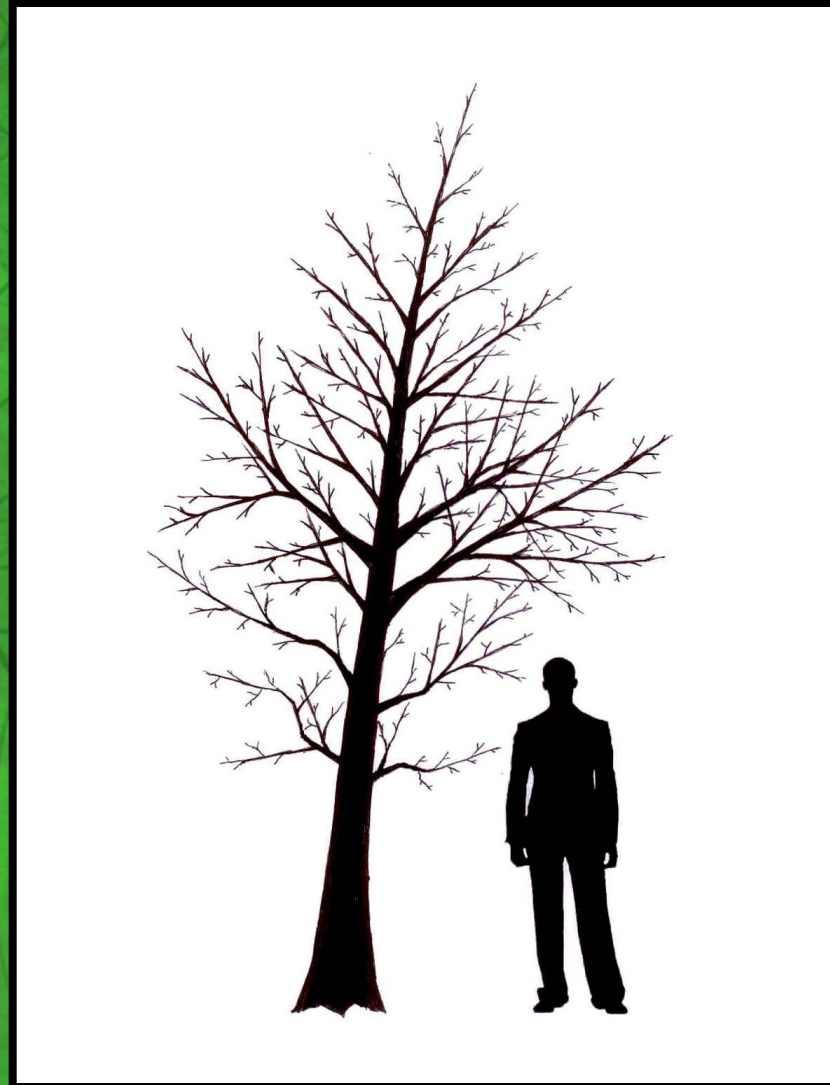




# Subordinate Temporary Branches



# Subordinate Temporary Branches



# Be Careful!

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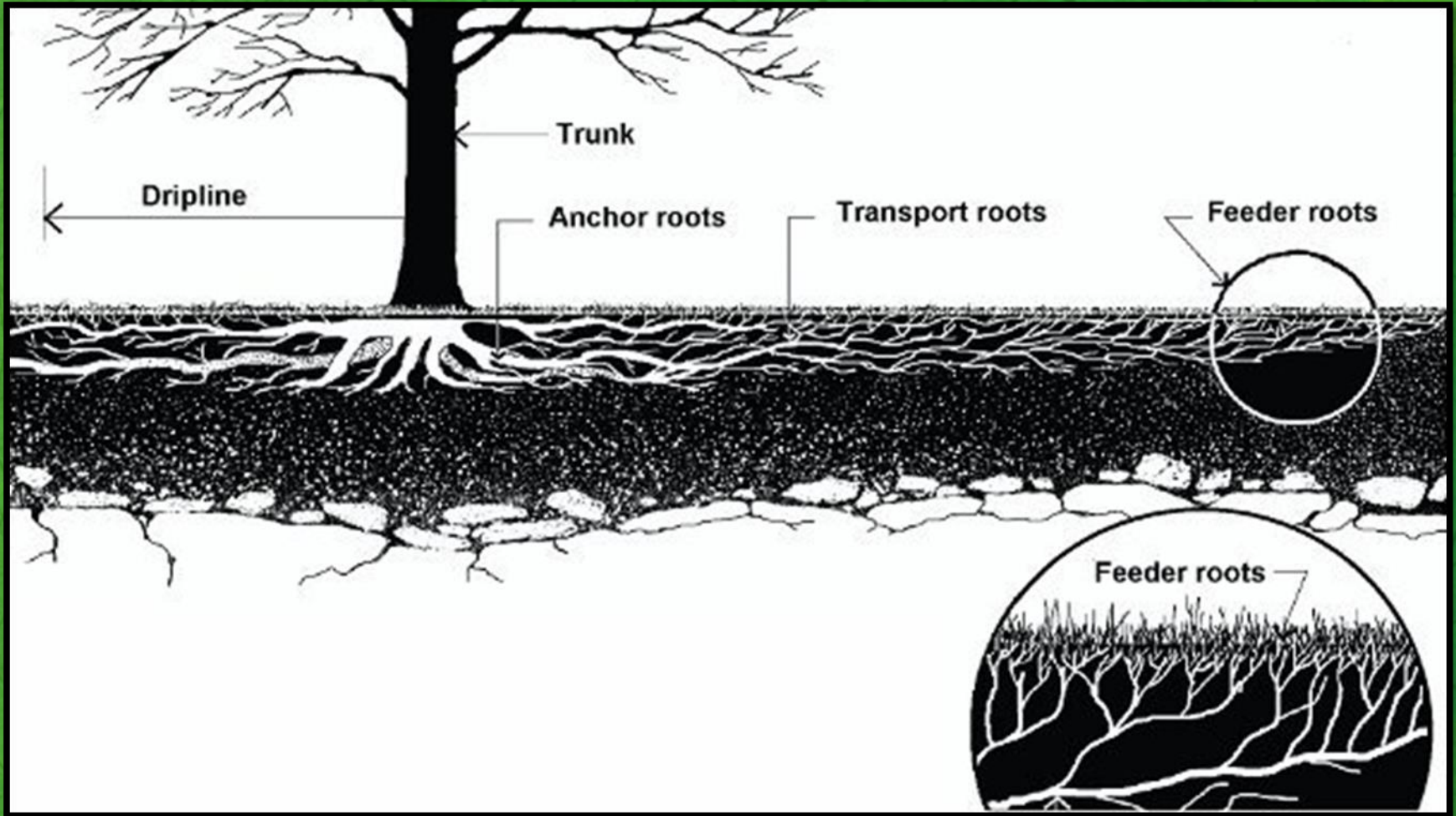


# Roots

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# How Roots Grow



# Why Prune Roots?

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# Girdling Roots

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# Girdling Roots

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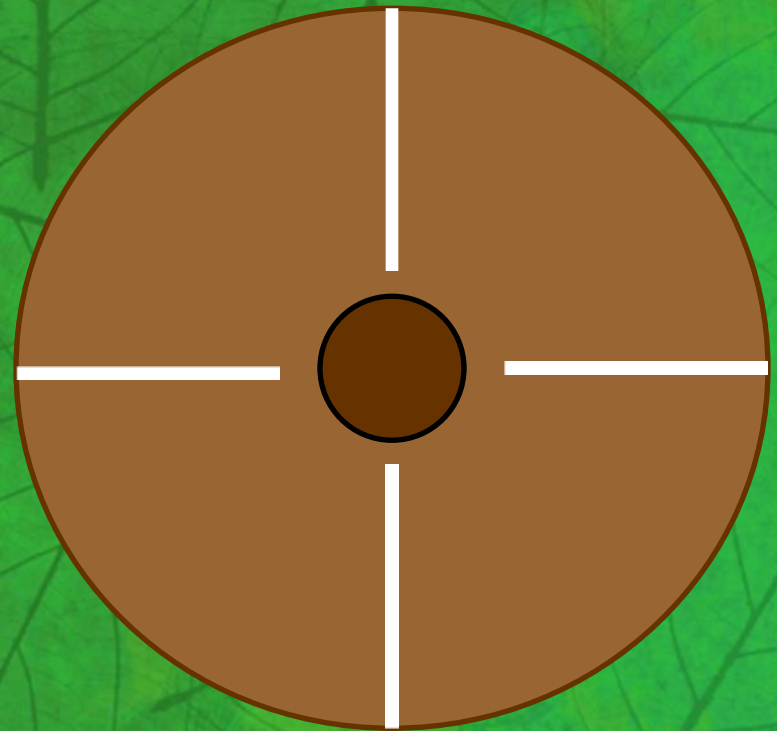




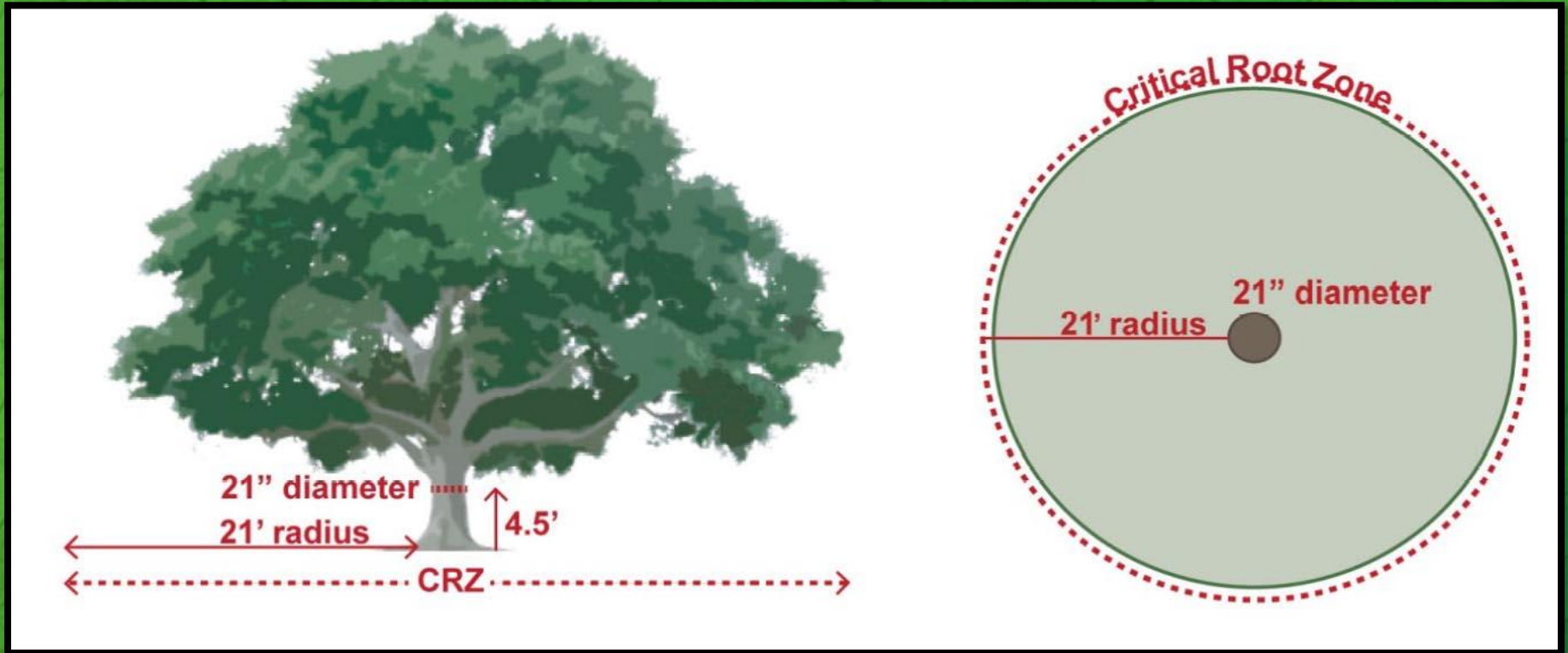
# Girdling Roots



# Cut Girdling Roots Before Planting



# Critical Root Zone



# City Regulations

## The Critical Root Zone - Development Impact Zones



# Getting to the Roots

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# Use Sharp Tools

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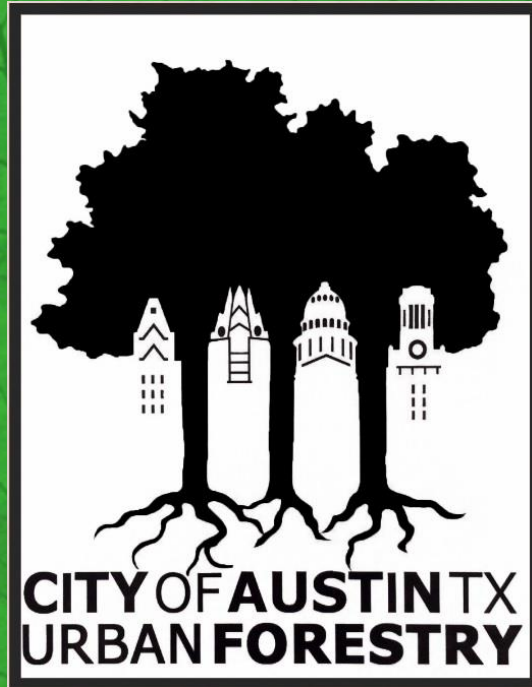
# Cut and Cover

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# Thank You!

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[austintexas.gov/departments/urban-forestry](http://austintexas.gov/departments/urban-forestry)