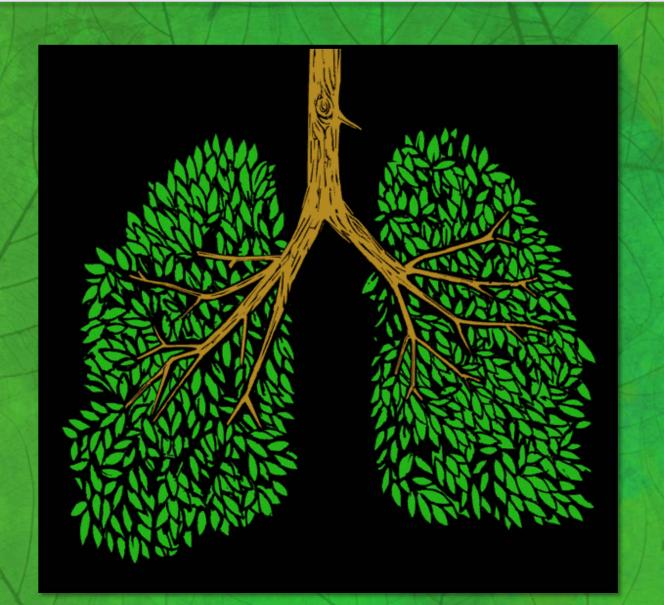
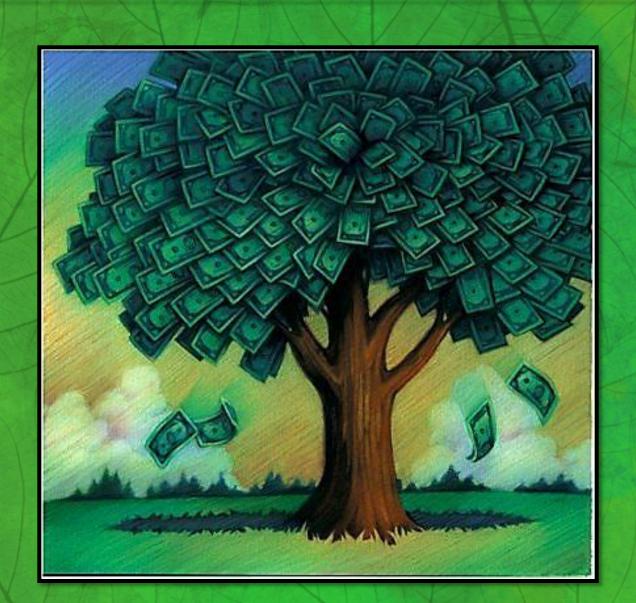


Trees Are Good



Trees are an Investment



Trees are Living Creatures



We Can do More Harm than Good



An Asset can Become a Liability



Pruning Basics



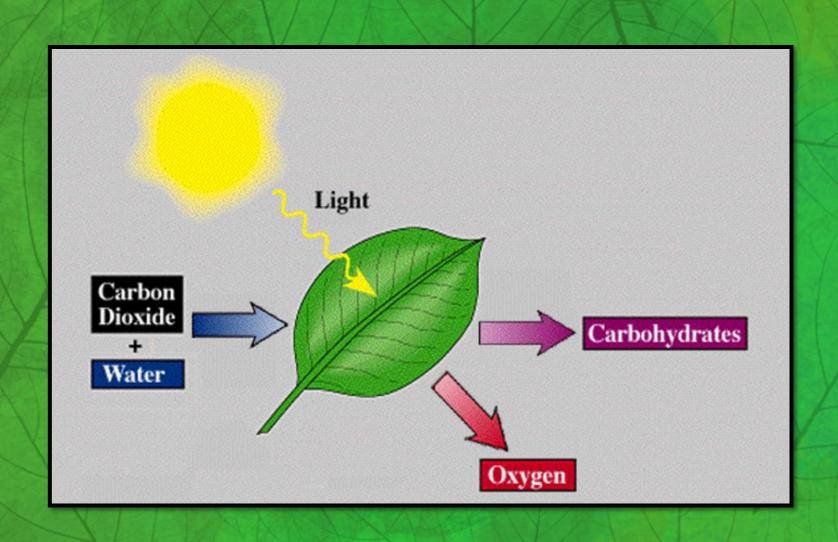
Trees Can't Heal



Pruning Causes Wounds



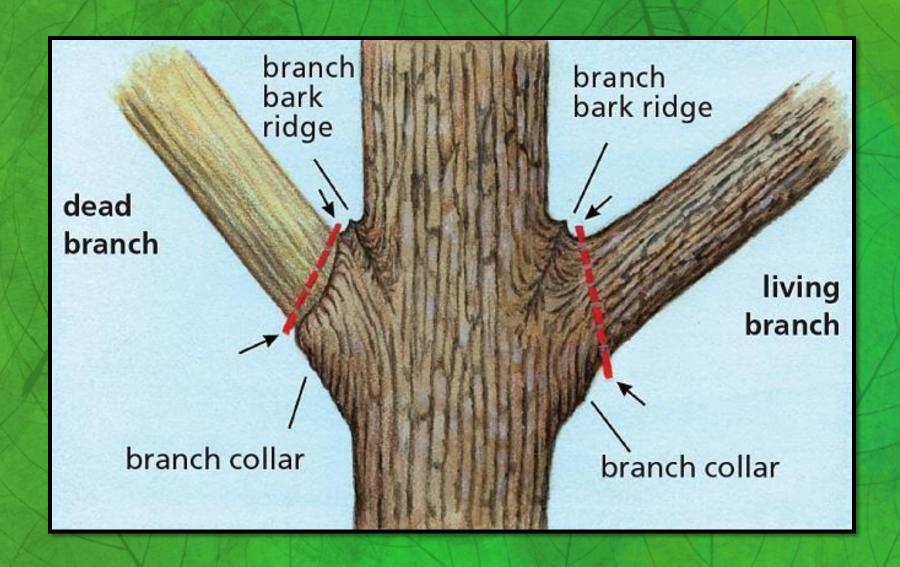
Leaves are Food Factories



Prune for a Specific Goal



Proper Pruning Cuts



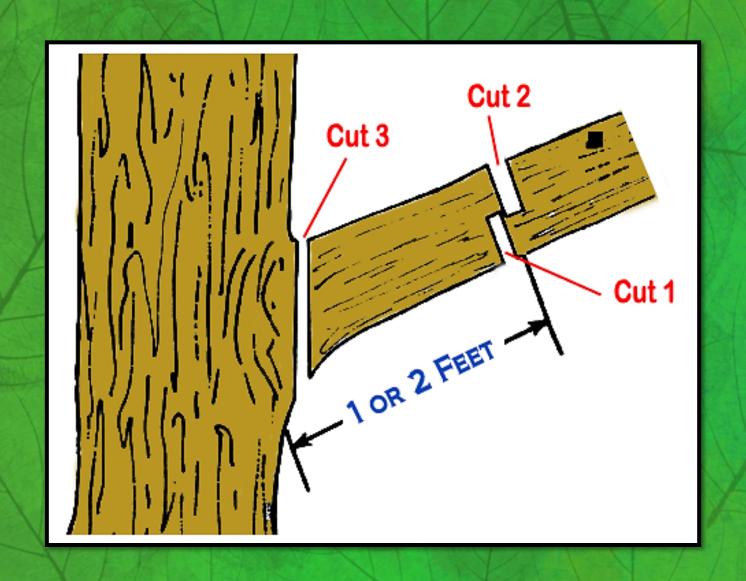
Branch Collar



Avoid Tearing



Three Part Cut



Lion's Tailing

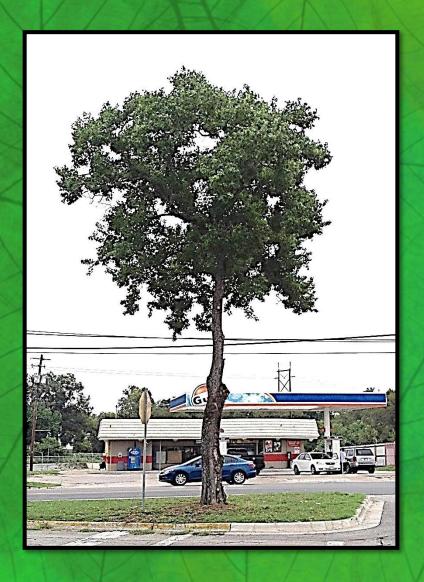


Lion's Tailing

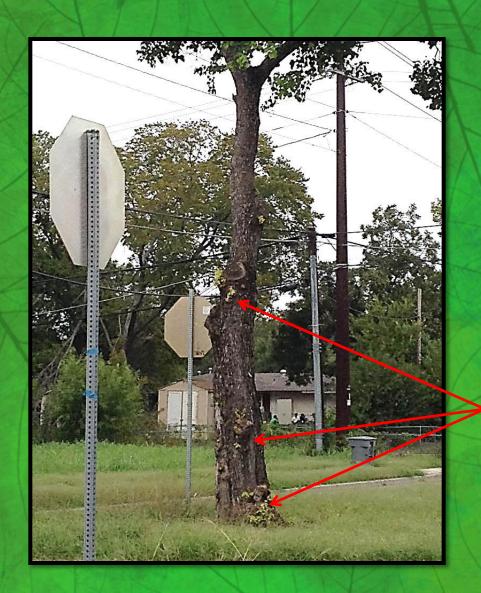


Over Pruning



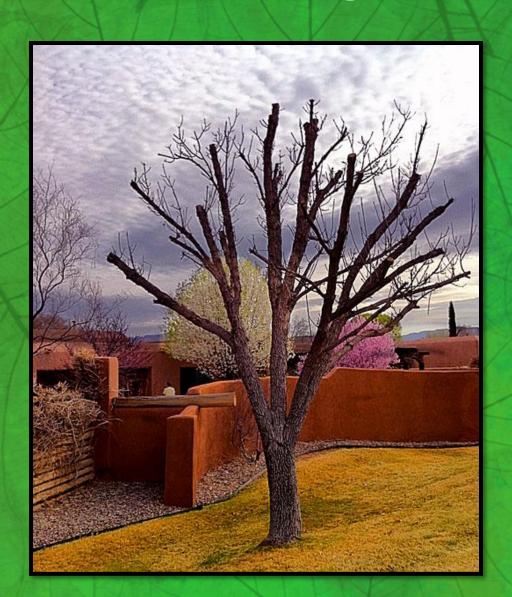


The Cycle Continues

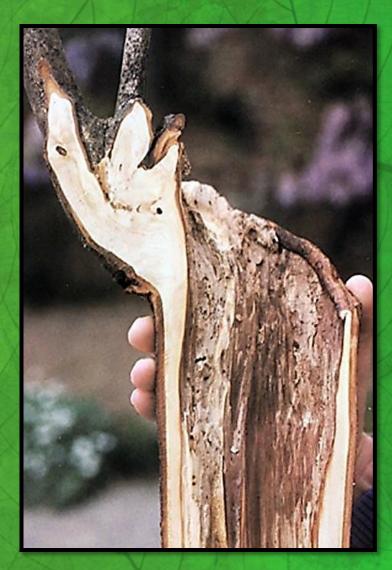


New Sprouts!

Topping

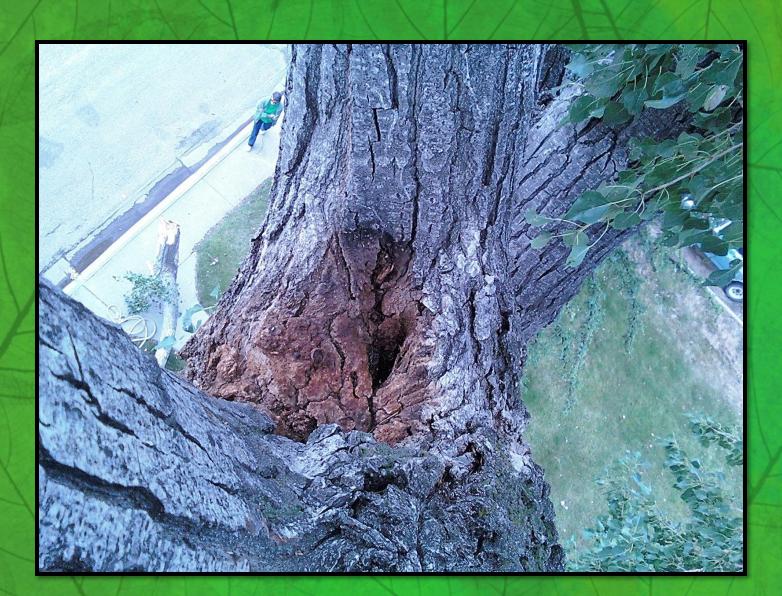


Topping Leads to Poor Structure





Topping Increases Risk



Correct Pruning



Before



After

Don't Forget the Permit

man KWV T	Highestian Mapson Pg	RECREATION PAGE PRINTS PRINTS STORY BETURN TO: 2525 S. La
Tree Ordinance Review Application of the Property of the Prope	nt Noor, Austin, TX 78704	PURIS TREE 6
Email: cityattorist@austintexas.gov	200	"FILLED OUT BY APPLICANT (NO CHARGE)" Name of Applicant: Phone #:
Application request* (specify all that apply): Tree removal (LDC 25-8-602(3)) Tree removal (LDC 25-8-602(3))	(Section 3 & App. F). Applicant understa (Section 3 & App. F). Applicant understa (Section 2 & App. F).	SCOPE OF WORK
☐ Tree removal (LBC 250 m) ☐ Critical Root Zone Impacts (ECM 3.5.2 A) ☐ Live canopy impacts of more than 25% (ECM 3.5.2 B)	that approval of this application countries guarantee favorable tree results.	occurrent or proposed work:
are code of property:		Approximate start date: Estimate value of work (dollars): Type: Name of ISA certified arborist on site:
	E-mail:	Detailed description of work proposed. Attach man if personnel. 5A certification #:
Tana location	on lot: or diameter (across)	Detailed description of work proposed. Attach map if necessary. Include species, diameter, and location on site for each tree.
Tree Species:		
Tree species: General tree condition: Good / Fair / Poor / Reason for request: Goevelopment Tree condition: Got	her:	Additional notes:
Owner/ Authorized Agent Signature Date Proposed development projects are to include a plan view drawing in property represents (e.g. obsociate, disheady, utility and irrigation here expended to the composition of the property of the composition of the property of the composition of the property of the composition o	ng that depicts the location of the tree and	In consideration of the granting of this permit, an international Society of Arboniculture Certified Arborist must be on site, and at must be done Code, Chapter 6-3 Ties and Vegetation: 3 American June 2015.
Proposed development projects are to include a plan view under improvements (e.g. structure, drivews), utility and irrigation lines This permit application only reviews for compliance with tree regi-	initions. The is required for dead or diseased trees. The initial program Person of the initial program in the i	3) ANSI Standard Service (ANSI) Standards for Town
This permit application only reviews to comment issuance. No fe	ed by City Arborist Program Perso	3) MMS Standard for Musery Stock 2601; A Applicant must provide proof of insurance as specified by the City of Austin; S Scope of work must be completed. Applicant.
The application of reviews by a committies and committee of the application fee must be add one to serinit issuance. No fee The application Determination — To be completed approved — "Approved Vieto Conditions — state	ed by City Arborist Program Perso	3) MM3 Standard for himself in Bistillate (AAC) Standards for Tree Care Operations A300 & Z123; 4 Applicant major provide proof of misurance as specified by the City of Austin; 5) Scope of work must be competed: Applicant Date: *FILLEO OUT 6Y UBBAN FORESTER* This permits valid at one:
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"mes serint application only reviets by the same to serint issuance. No fe The application fee must be easy per in serint issuance. No fe Application Defermination.—To be complete Approved a "Approved Vetn Conditions and Comments "Heritage Tree(s) A heritage tree variance by Conditions of Approval: None or As described via Applicant agrees to plant allegations of depressions of central Applicant agrees to plant application of the applications of central The provided of the provide	e is required. de by City Arnonist Program Peres sutory Denial (more information requi s required: Administrative / Interest Peres stream and the sees (see abo in Texas native trees (se	Applicant must provide ground institute (AAC) Standards for Tree Care Operations A300 & 2123; 4 Applicant must provide ground of mustance as specified by the City of Austin; 5) Scope of work must be completed. Applicant Date: Fill ED OUT BY UBBAN FORESTER! This permit approved with the following conditions: Date: Permit approved with the following conditions: Date: Subtract Form by Email Assumption of Conditions: Date: Subtract Form by Email Assumption of Conditions: This permit agranted upon the assumption must grant assumptions approve affective time. Assumption of Conditions of Conditions: This permit agranted upon the assumption and assumption approve affective time. This permit agranted upon the assumption and advantaged and approve affective time. This permit agranted upon the assumption and advantaged and approve affective time. This permit agranted upon the assumption and advantaged and approve affective time. This permit agranted upon the assumption and advantaged and approve affective time. The permit agranted upon the assumption and advantaged and approve affective time.

austintexas.gov/department/austins-urban-forest-0

Pruning Young Trees



Reduce Structural Defects





Make Small Wounds





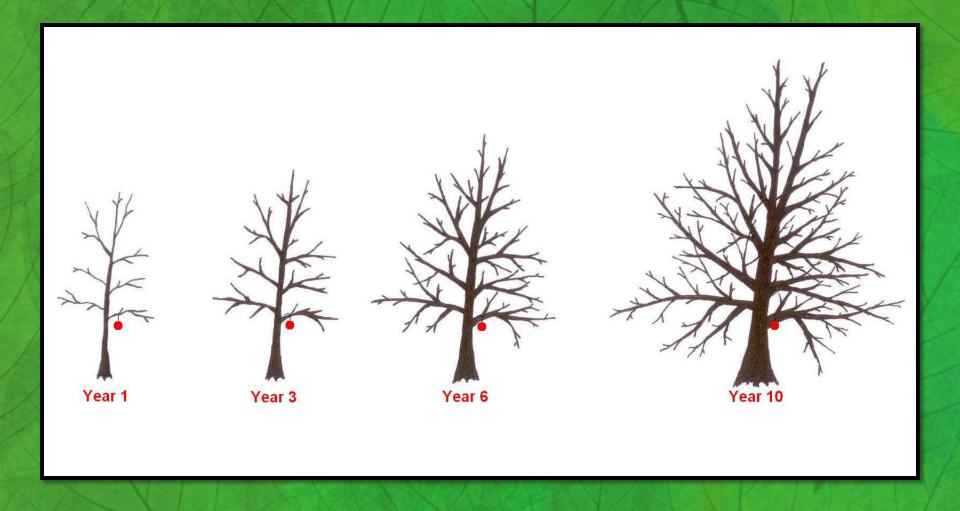
This Tree...



Can Become This Tree

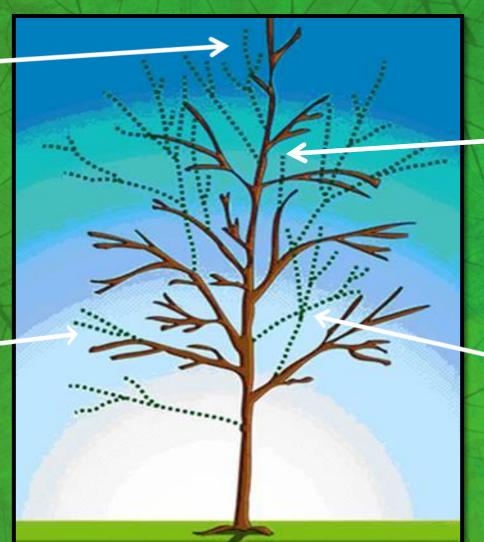


Temporary Branches



Make a Plan

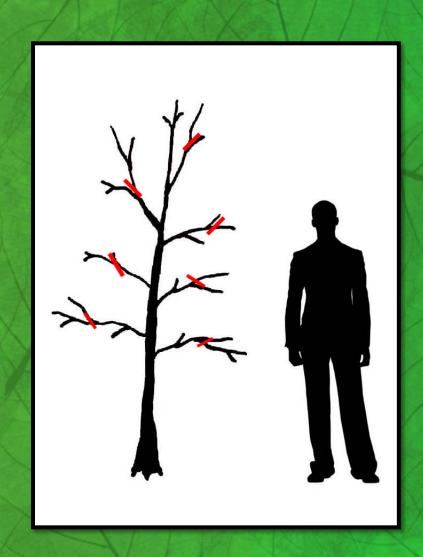
Competing with Leader

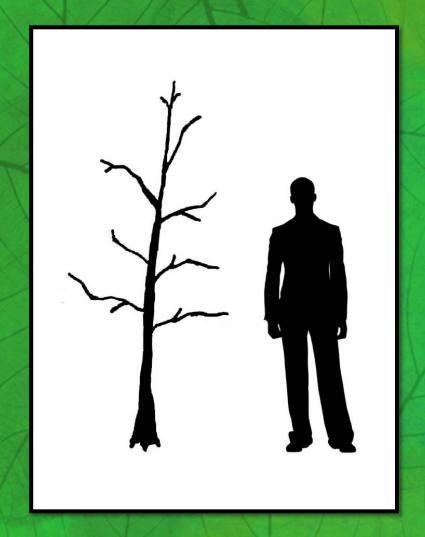


Leader

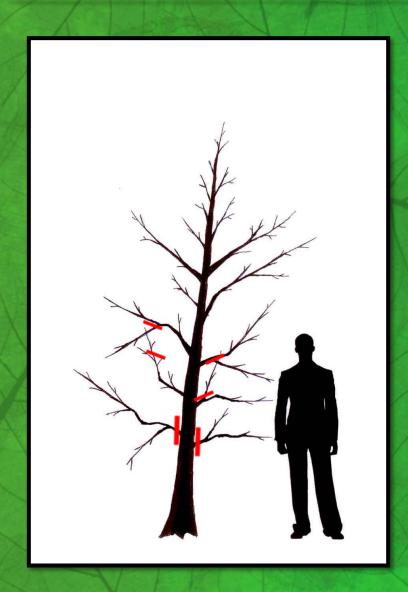
Temporary Branch Crossing
Branches

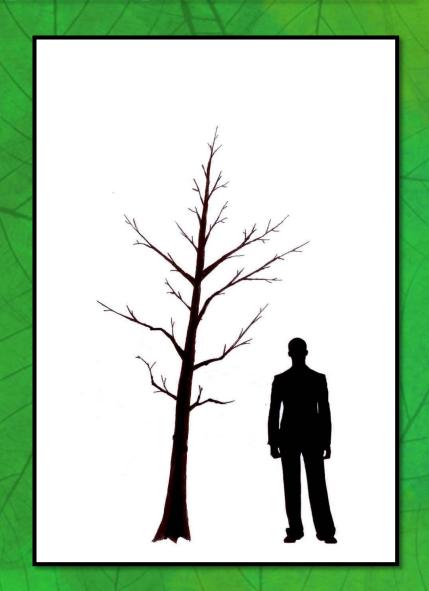
Subordinate Temporary Branches





Subordinate Temporary Branches





Subordinate Temporary Branches



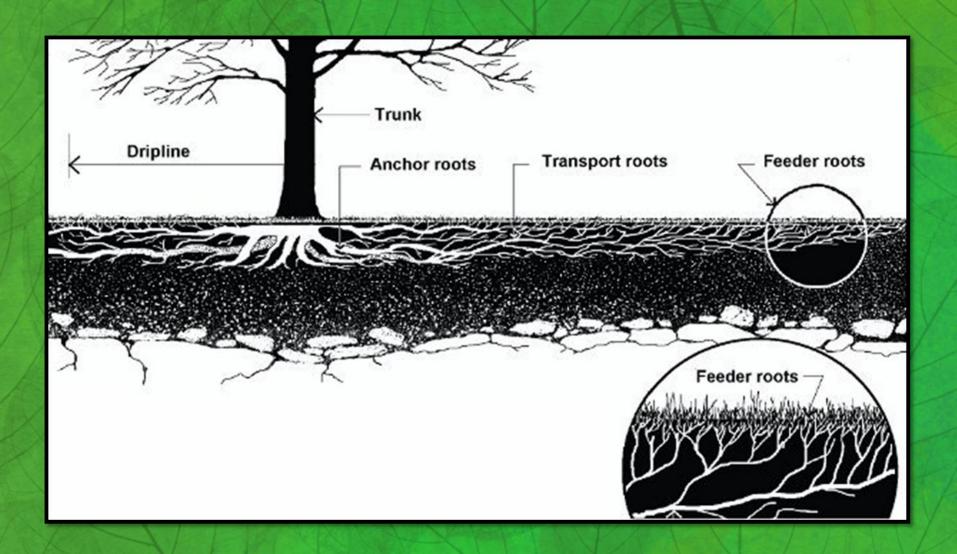
Be Careful!



Roots



How Roots Grow



Why Prune Roots?





Girdling Roots



Girdling Roots



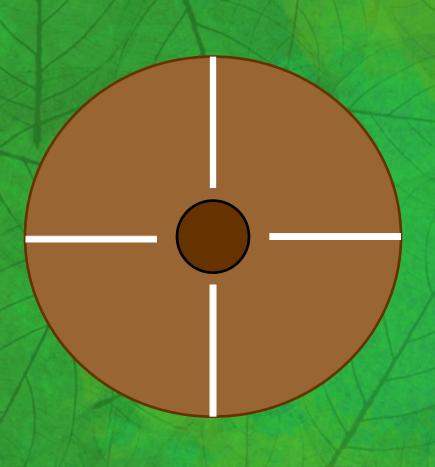
Girdling Roots



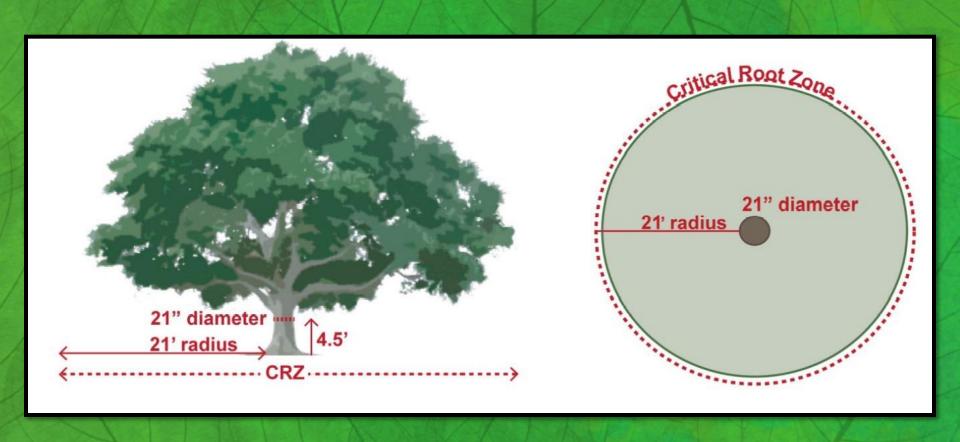


Cut Girdling Roots Before Planting

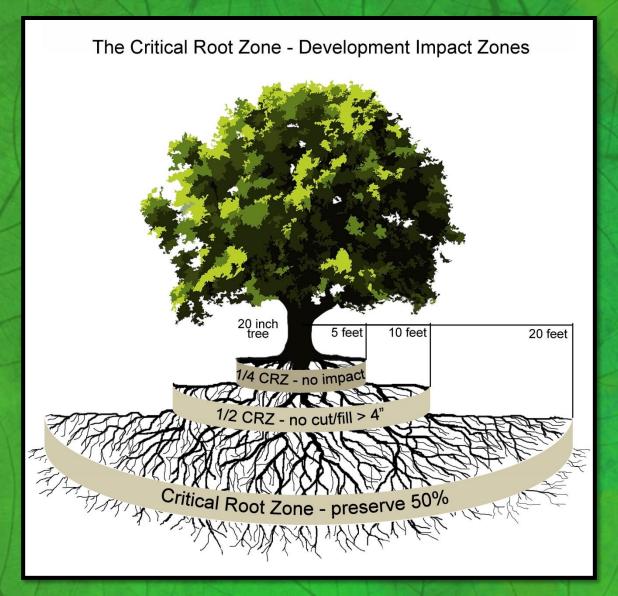




Critical Root Zone



City Regulations



Getting to the Roots



Use Sharp Tools

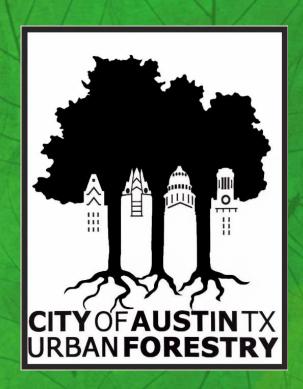


Cut and Cover





Thank You!



Lara.Schuman@austintexas.gov

austintexas.gov/department/urban-forestry