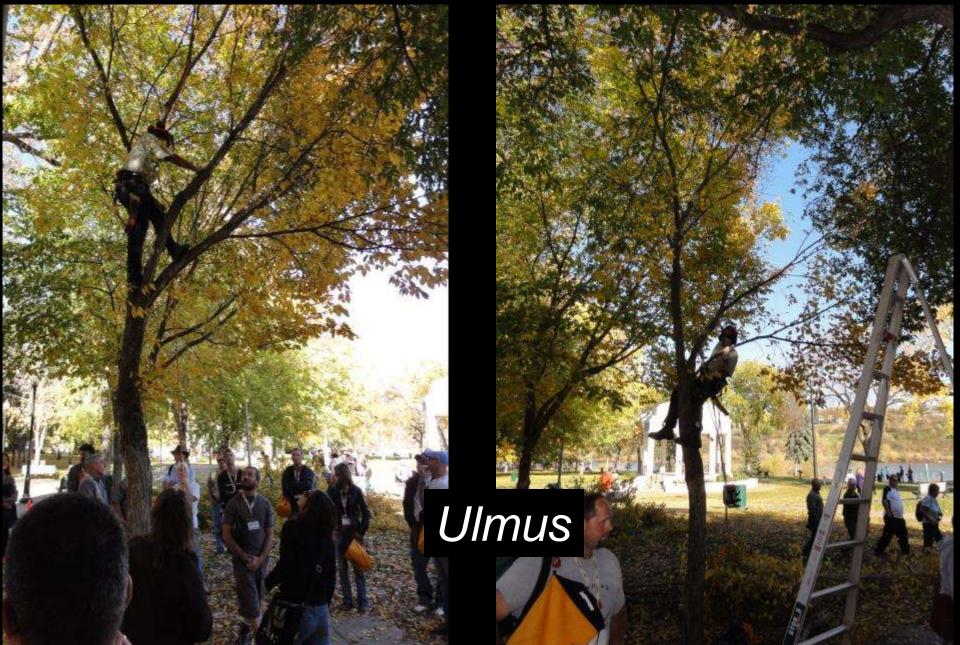




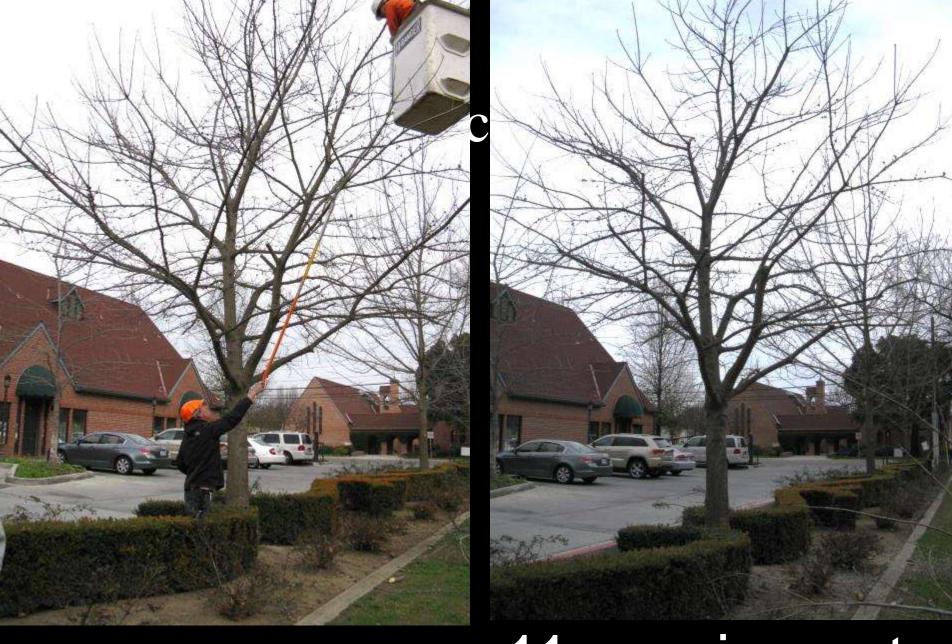
Objective:
Subordinate or remove all but one dominant stem

Ulmus





Quercus



11 pruning cuts



11 pruning cuts





1 year later

After pruning





1 year later

2 years later





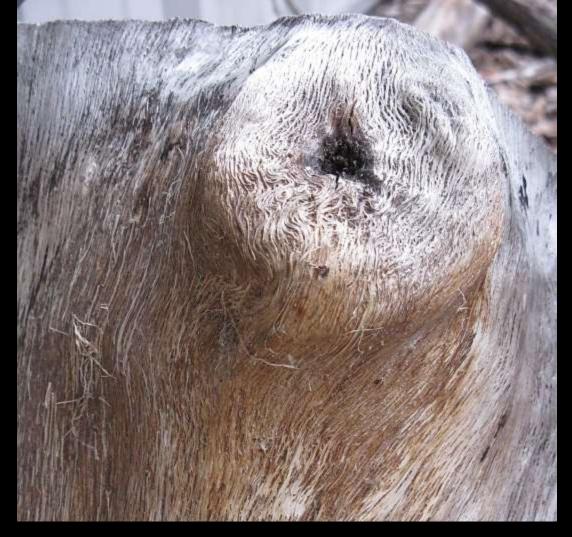






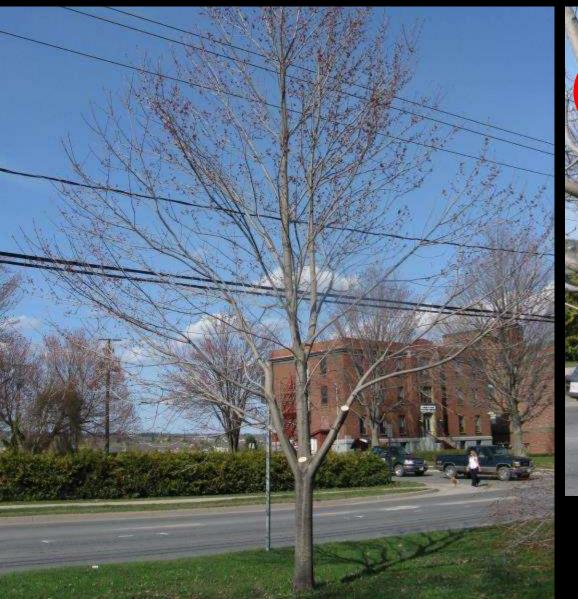


Closed pruning wound provides for a re-connection of roots to leader



Now there is a vascular connection to the leader which will help it dominant

Now there is a vascular connection to the leader which will help it dominant



















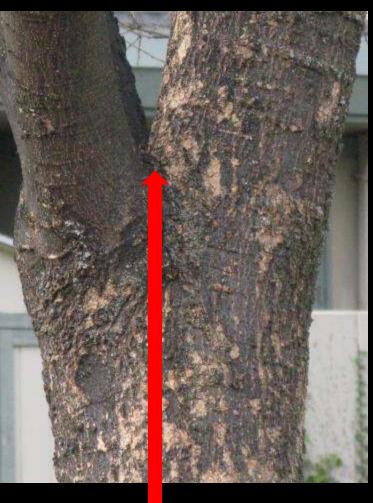




4 years of growth

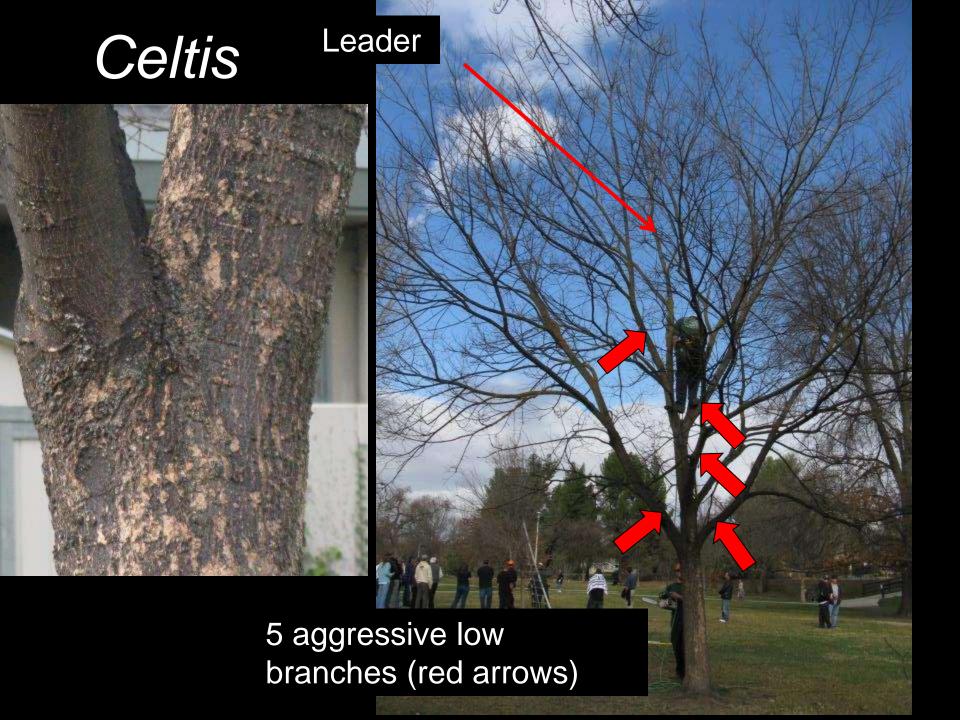






Inclusion



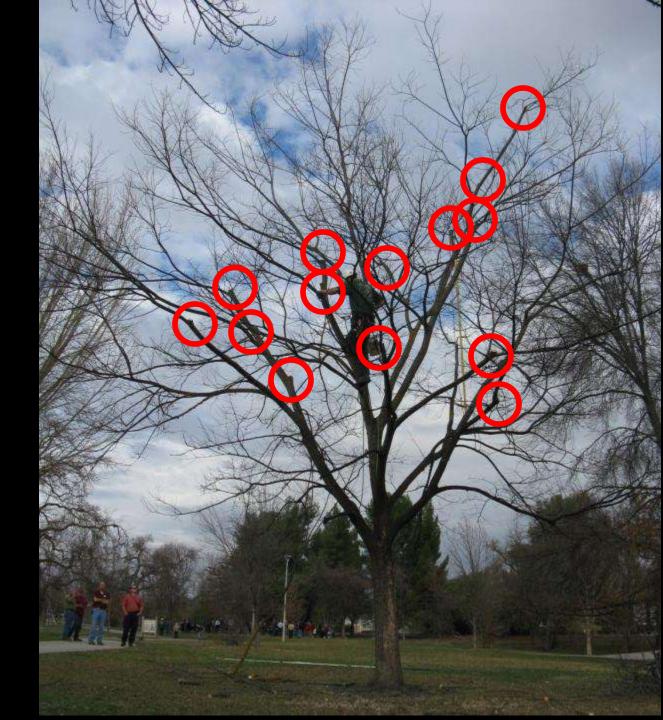


After pruning

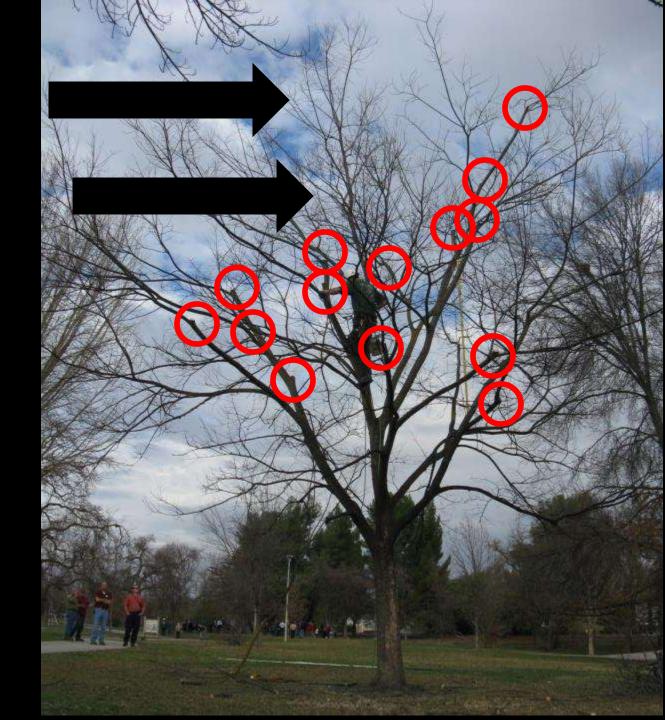
Small leader: lower trunk diameter ratio means a large pruning dose is needed



Pruning cuts

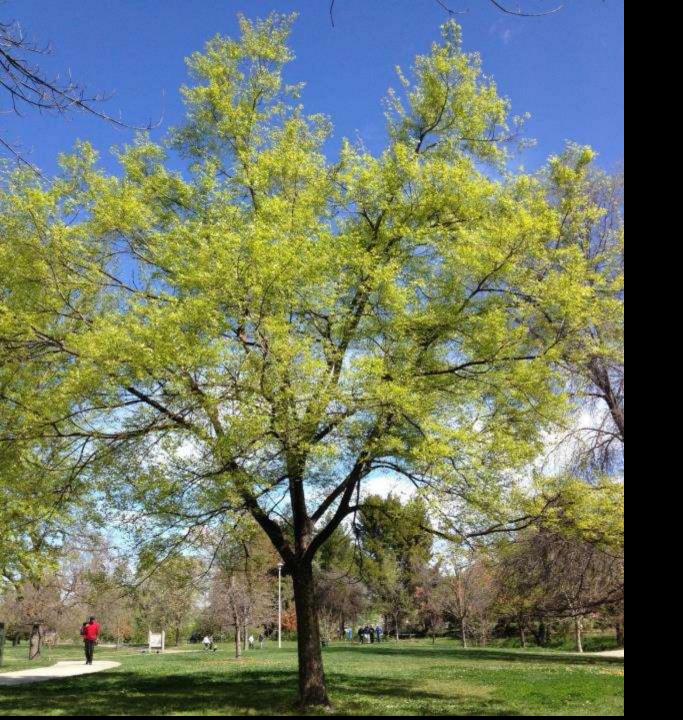


Leader and branches bathed in sunlight















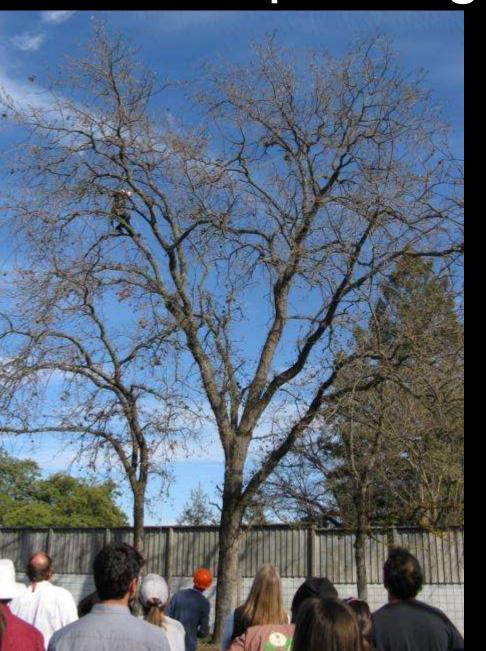
Write pruning specification 1 more slide



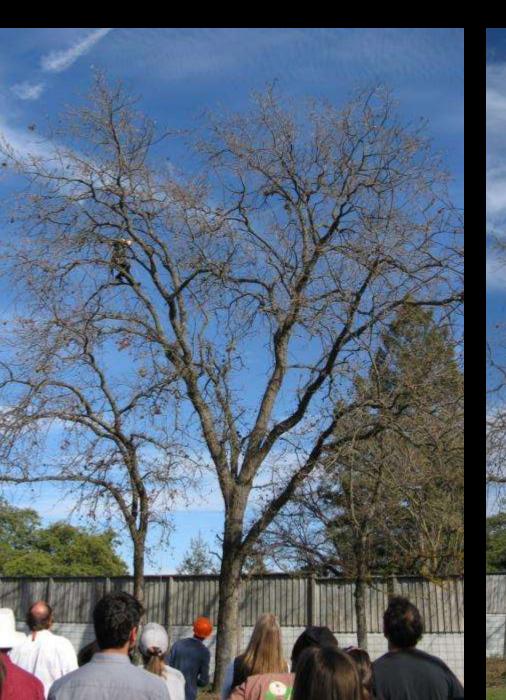
Write pruning specification

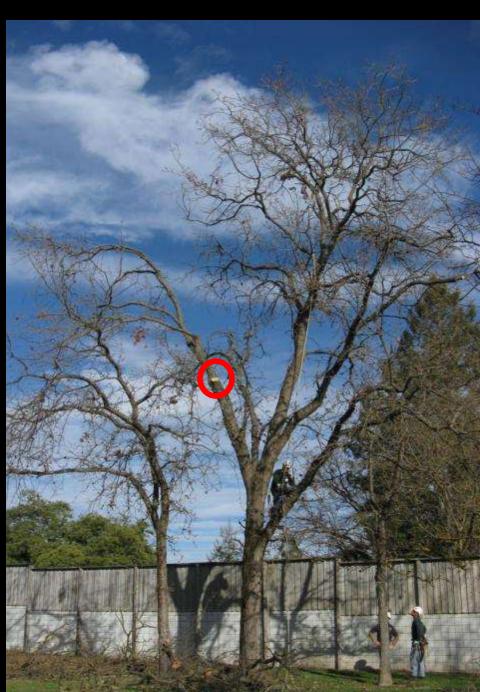


Write pruning specification

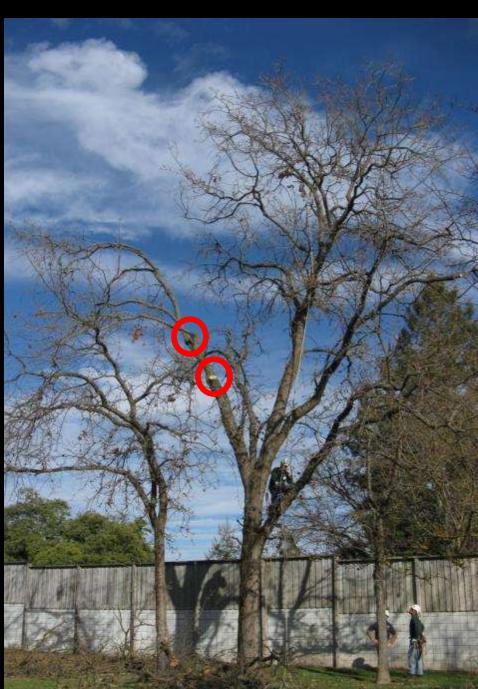












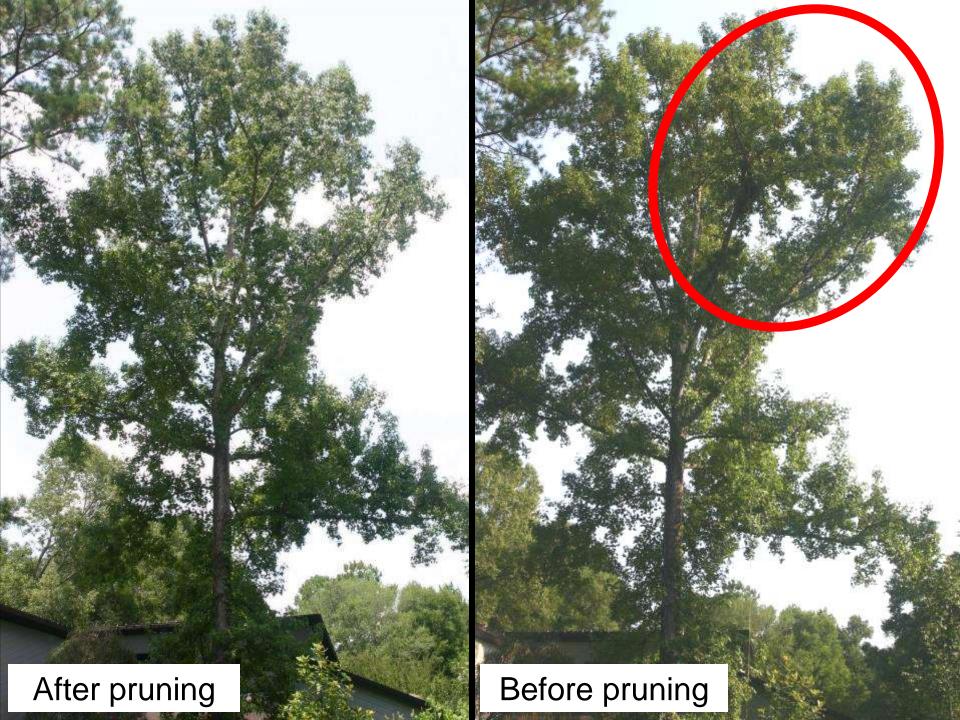






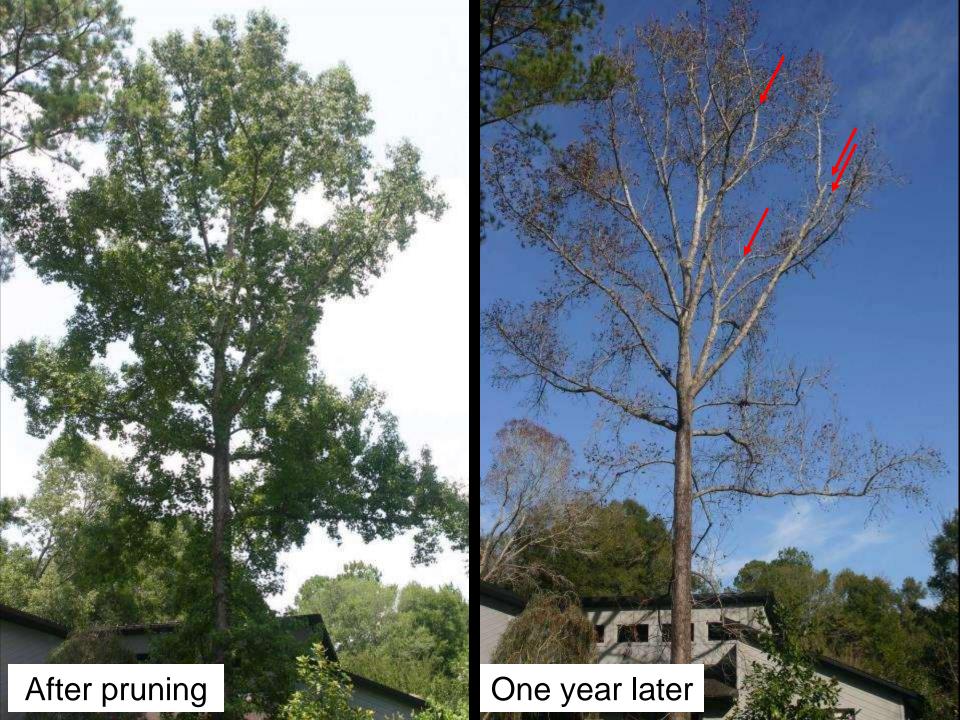
Write a pruning specification

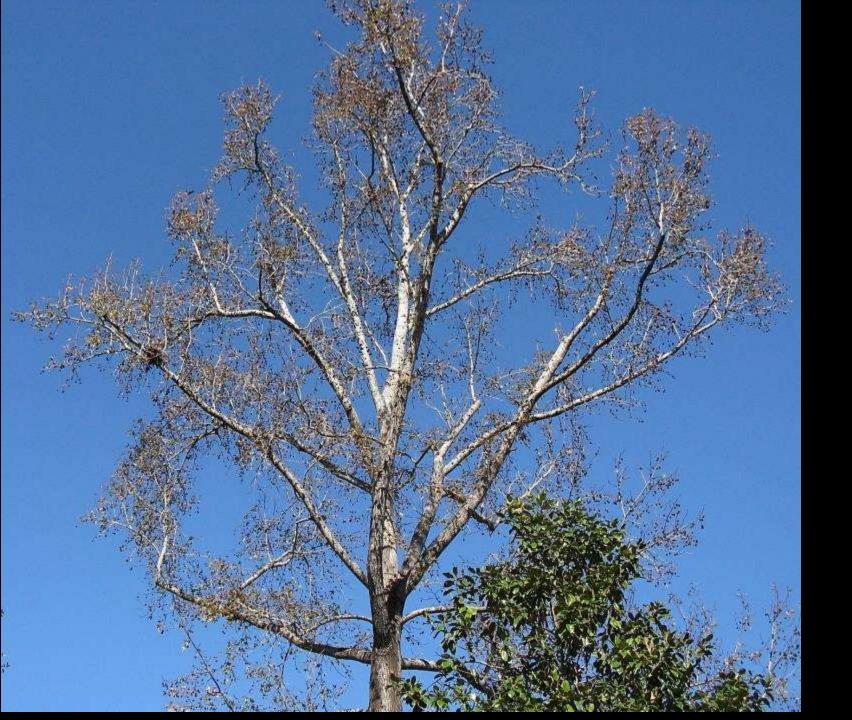




Four 3.5 inch stems removed



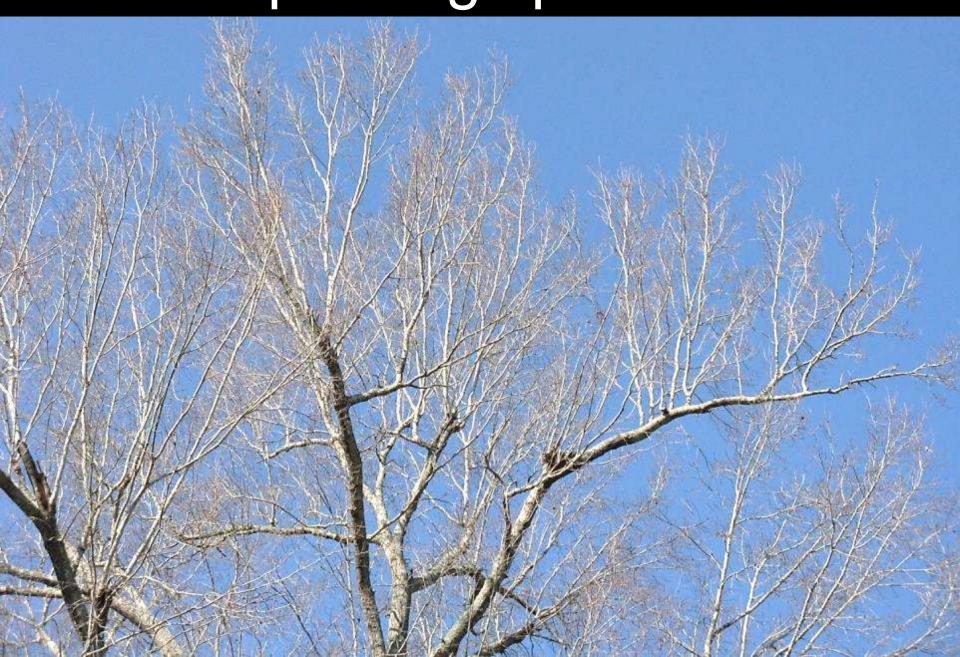


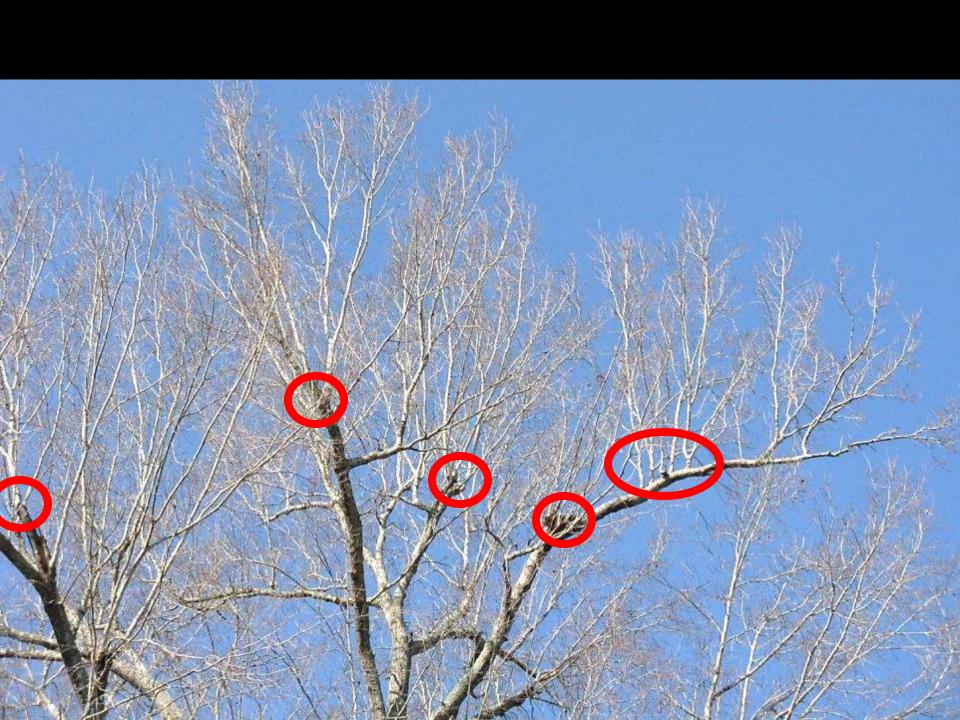




Objective: Subordinate all but one dominant sprout on each broken limb or branch cluster

Write pruning specification



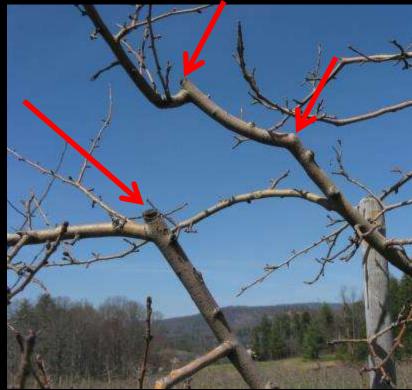


More specification writing

Objective: Reduce height and spread of crown

Describe what was done here

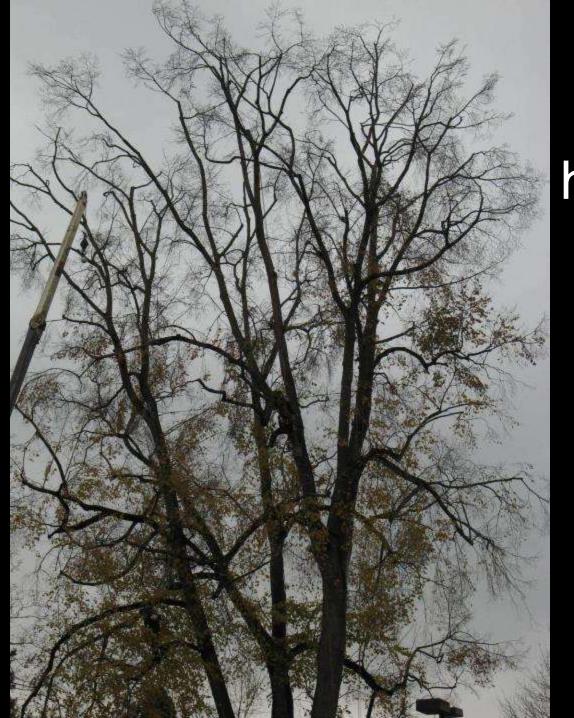




Malus orchard



Describe what was done here



Reduce crown height using 40-50 reduction cuts (3-4").

Removal cuts do not reduce the crown

Describe what was done here



Question

Crown thinning-is it a useful method of pruning trees?

before 4 months





after 12 months

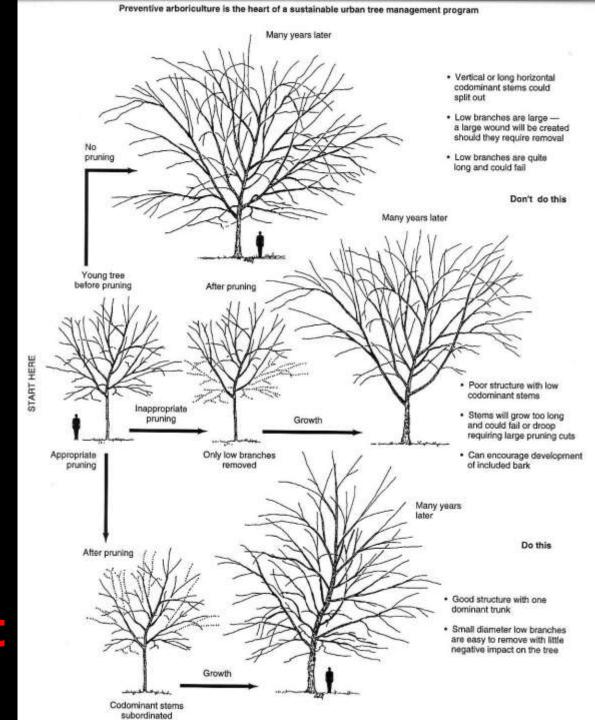




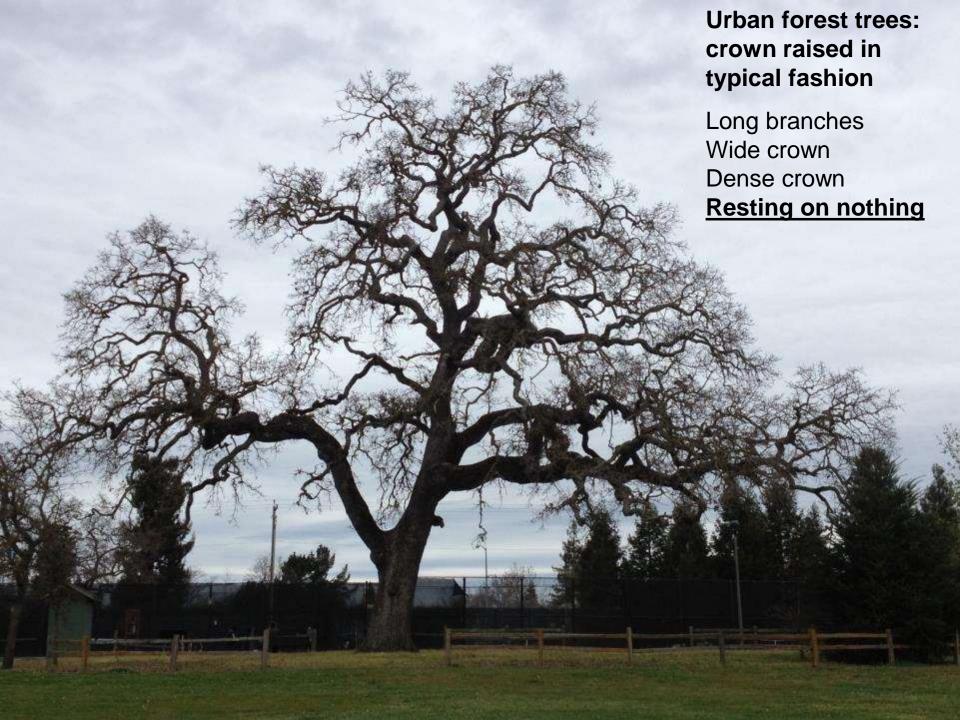
Summary of today

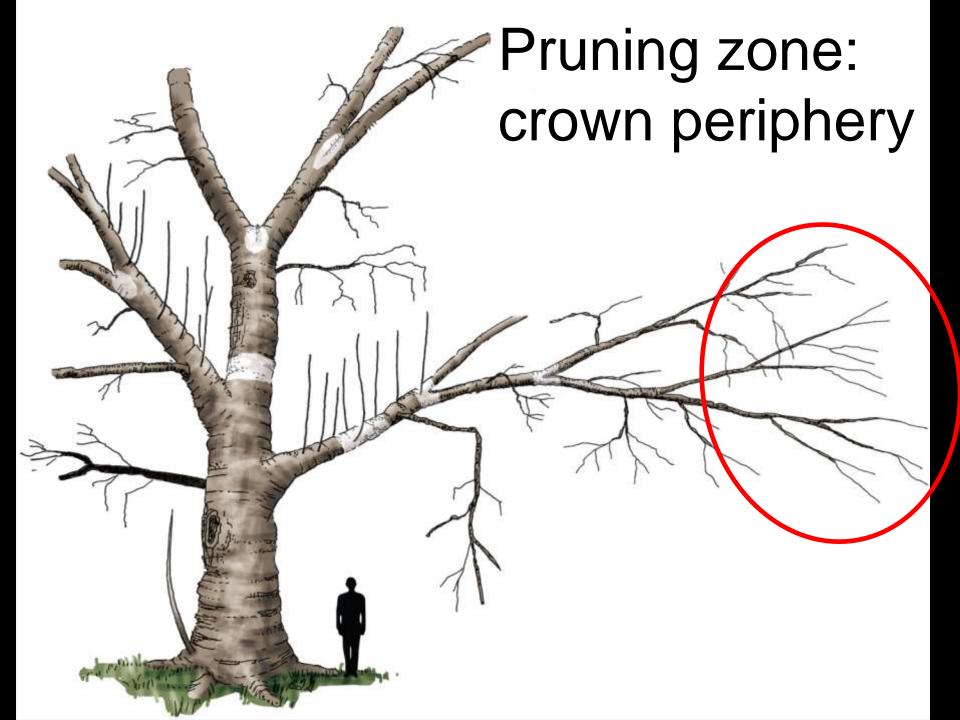
Typical management world-wide

Better management









Specification outline – whether talking to crew or customer

- Objective:
- Cut type:
- Cut location:
- Cut number/diameter: