

# Tree and Shrub Management

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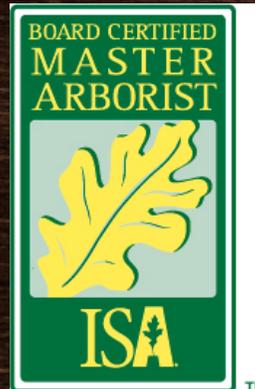
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Coastal Plant Care



Land Care Advisory Group



# Structural Defects, Risk Mgmt, Pruning



# Root and Foliar Disease



# Insect Infestations

# Proper Pruning Cuts

BASICS OF TREE CARE



## Improper Pruning Cut

Cut made with chainsaw when small limb should have been removed with handsaw. Careless operator damaged limb and bark. Wounds will not heal.



Cut made too flush to the branch. Contractor cut into the vascular system of the tree and will cause decay. May increase pest and disease problems.

## Improper Pruning Cut



Small diameter limb cut with an unsharpened chainsaw. Cut should be made with handsaw and resulting cut should be smooth and not jagged. Improper location of cut, branch stub left too long. Decay probable.

Proper location and angle. The cut should have been made here using a handsaw

Careless tree climber allowed weight of the limb to rip vascular tissue and bark prior to finishing his/her cut. Wound will not heal

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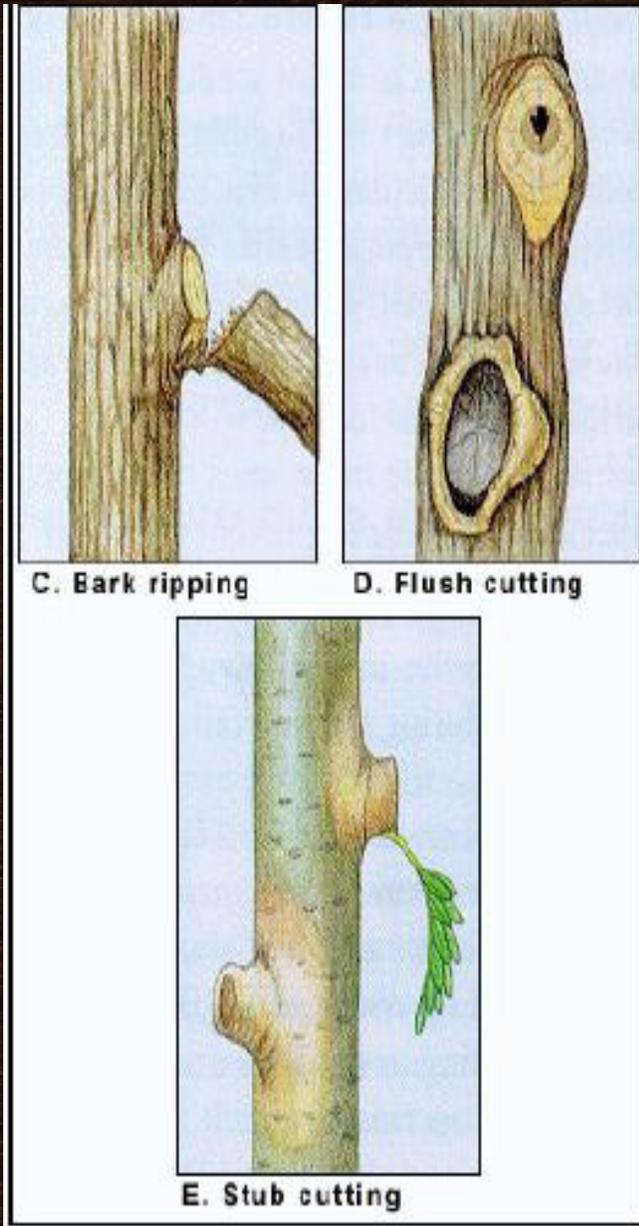


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## Consequences



Allowing stubs to remain or cutting to flush will cause excessive regrowth at the site of the pruning cut and will require additional pruning in 1-2 years depending on species, size, and location.



Allowing bark to rip or damaging bark during a pruning operation will cause decay. Same with cutting a limb too flush to the trunk or remaining branch. No method to correct poor cuts once they have been made.

Improper Pruning Cut: Too flush to trunk

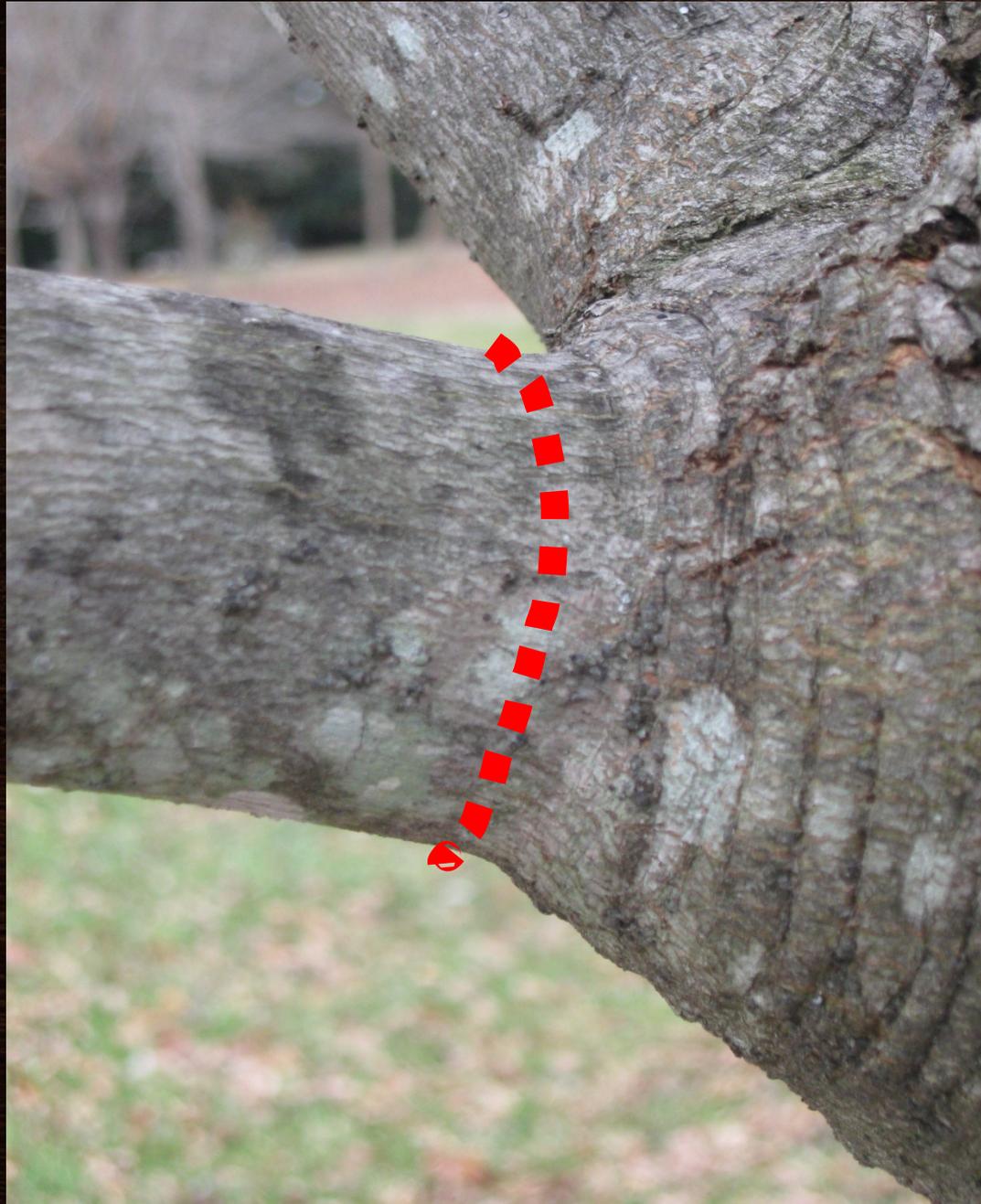


Decay from flush cut

Proper Pruning Cut: Will not decay



Healed Pruning Cuts



Proper location for the cut to be made on this Maple. Notice cut to be made outside of swollen branch collar which contains vascular tissue responsible for water and nutrient flow. Branch cut made perpendicular to the branch angle orientation

# Proper Cut



## Conclusion:

Proper pruning cuts will increase the time between pruning efforts, reduce risk, and reduce decay. Proper thinning, dead limb removal, removal of lower limbs, and clearing limbs away from lighting and buildings will reduce risk and create our desired aesthetic for our portfolio.

### Before



### After

