



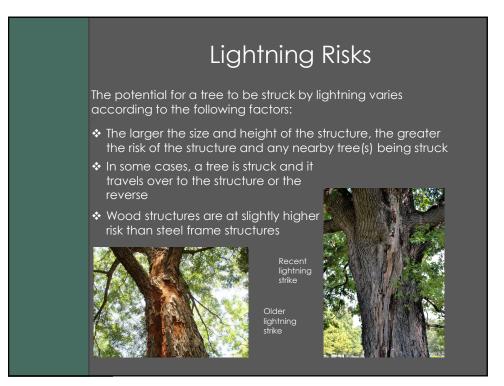
## Lightning Protection



What happens to a tree that is struck by lightning? The result depends on many factors.

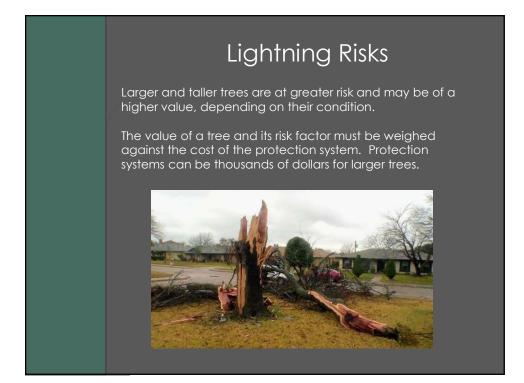
Most people are not aware of lightning protection systems for trees.











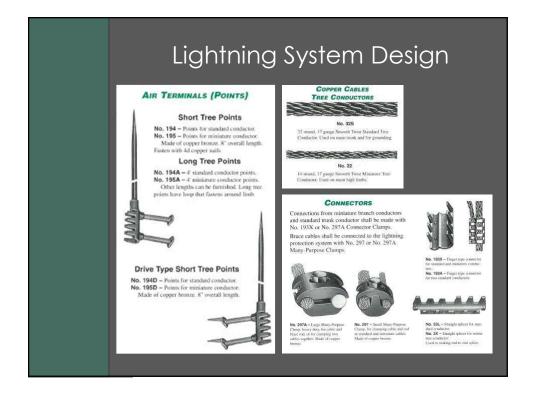
## Lightning System Design

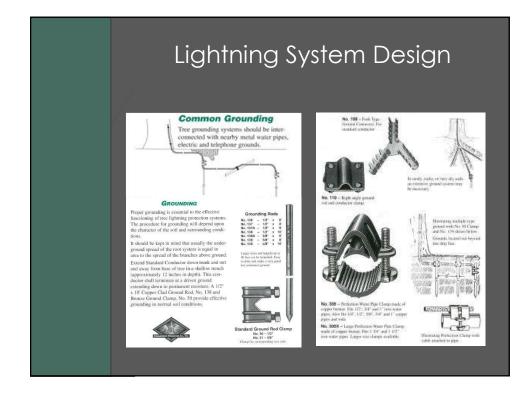
Since each tree has very individual branching habits, the lightening protection system design is custom tailored to the structure of each tree.

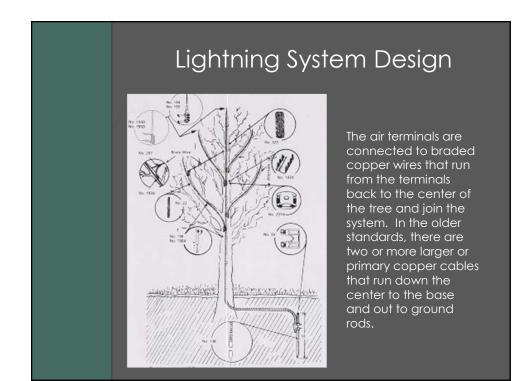
Although aluminum can be used, copper can be smaller in diameter and does not corrode.

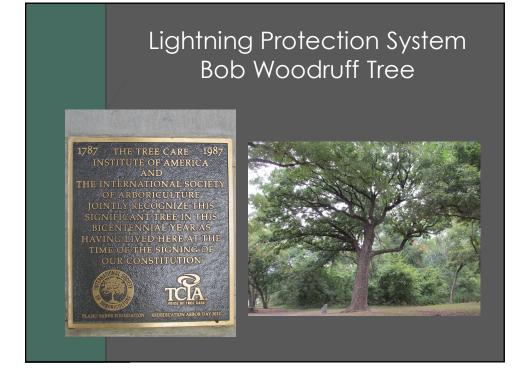
Air terminals are installed in the ends of primary upright leaders as well as outward growing primary leaders.













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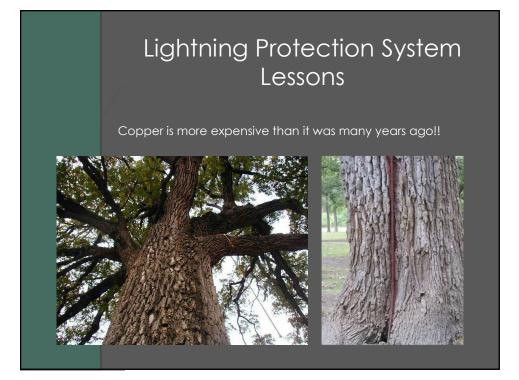
## Lightning Protection System Installation

The primary copper cables run from the air terminals in the top, down the trunk and out to the ground rods. Outward growing leaders which are not in the top, use a smaller secondary cable that runs from the air terminal to connect with the primary cables on the main trunk.









## Lightning Protection Systems

Lightning protection systems saves our larger and older trees from loss and damage.

As a result, they are a wise investment that keeps cool old trees around longer for people and wildlife to enjoy!!