

# Rosewood Garden Designs

Classic American and European Gardens  
7020 Folger Drive, Charlotte, NC 28270  
704-362-3838 (o) 704-507-1738 (m)  
[www.RosedwoodGardenDesigns.com](http://www.RosedwoodGardenDesigns.com)

## TREES

In addition to enhancing the beauty and value of your property, trees are an excellent proven way to reduce the costs of heating and cooling your home.

Deciduous Shade Trees, trees that leaf out in Spring and lose their leaves in Fall, are especially valuable in that they can reduce the demand for energy necessary to both cool and heat the home.

Shade is a form of natural air conditioning, and the shade cast upon a structure by several strategically placed trees in the landscape will reduce the temperature within the home naturally and can reduce the demand for energy necessary to cool a home mechanically by as much as 25%. Likewise, sunlight is a form of natural heating. When not in leaf, deciduous shade trees such as oak, maple, and elm allow sunlight to reach and warm the exterior of the home, lowering the demand for energy to heat the home by 10-15%.

Evergreen Trees are not only excellent plants for screening purposes but also excellent energy savers when planted in row form as a Winter windbreak. An evergreen windbreak, planted on the north or northwest side of a property, can reduce the demand for heating energy by as much as 15% simply by blocking and diverting cold air away from the home.

Quick tips and recommendations if you're considering planting trees as a means of reducing energy costs: Shade trees that perform well in the Charlotte NC area include Willow Oak, Water Oak, Southern Red Oak, Sawtooth Oak, Sugar Maple, and Red Maple. For optimal performance, plant these types of trees no closer to the home than 40' and no farther away than 60'.

Evergreen trees that work well for screening and windbreaks include Native Cedar, Cypress, Cryptomeria, Arborvitae, and many varieties of Holly and Magnolia.

Rosewood Garden Designs can assist you in identifying planting locations that will maximize energy savings and in selecting trees most appropriate for your property and home style. Whether you choose to plant a young tree or one 10" across and 30 feet high, a tree is a great investment in the future.

Thank you

Jeni Munn – Owner

Syd Vincent – GM 704-401-2771 (mobile)