

# Citizen Forester

A Series of Classes for

## Growing a Greener Tomorrow



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# **Class # 1**

**Briefly give an overall look at the series of classes.**

## **Selecting a location**

### **Soil analysis**

- a. Nutrient levels
- b. Toxicity
- c. Structure....sand/silt/clay/loam

### **Climate**

- a. Fog
- b. Low/high temperatures
- c. Prevailing Winds
- d. Sun Exposure

### **Irrigation**

### **Power lines**

### **Underground utilities**

### **Hardscape conflicts**

- a. Curbs, gutters, sidewalks, driveways, streets
- b. Landscape features, buildings, etc.

## **Where and why do you want to plant a tree?**

- a. Shade
- b. Aesthetics
- c. Energy Savings
- d. Erosion Control
- e. Carbon sequestration
- f. Wind break
- g. Screening
- h. Increase real estate value
- i. Creating interest, focal point
- j. Wildlife habitat

## **Plan for follow up care**

- a. Early care
- b. Long range care

## **Class # 2**

### **Species selection to fit the needs of the site**

#### **Right tree ~ right place**

- a. height, width, form
- b. roots
- c. Evergreen
- d. Deciduous
- e. Color
- f. Flowering
- g. Fruiting

### **Specifications for Nursery Tree Quality**

Nursery Stock Selection....see attachment

## **Class # 3**

### **Proper Planting Techniques**

Preparing the planting holes

Just as deep as the tree is in the pot

Twice as wide as the pot or wider

Amendments and fertilizers?

a. Don't fertilize without a soil analysis first

Backfilling the holes

Stakes and Ties

Mulch, organic or inorganic?

Pruning after planting?

Plant tree(s) with the class

## Class # 4

# Pruning Techniques

Why prune?

Four D's

- a. dead
- b. dying
- c. diseased
- d. damaged

Preserving Lower laterals

Temporary branches

Structure pruning

Clearance pruning

Directional pruning

Hiring Arborists, plan for early care

**NO TOPPING!**

Prune a tree with the class