



Tree Planting Summary

Factors to Consider when Planting a Tree



Right Tree, Right Place



Small Trees (30 feet tall or less):

- Planting site must be 6-8 feet
- Overhead utilities may be present



Medium Trees (30-45 feet tall):

- Planting site must be 6-8 feet
- Overhead utilities should not be present



Tall Trees (45 feet tall or taller):

- Planting site must be 8 feet
- Overhead utilities should not be present

Other Considerations:

- Growing space
- Nearby utilities
- Salt tolerance
- Heat & drought tolerance
- Flooding
- Soil conditions
- Pests & Disease

Revere has an overabundance of:

- Callery Pear Trees
- Norway Maple
- Honeylocust

Maintenance

✓ Planting

- Enlarge tree wells to support tree health & longevity
- Plant trees at least 5 feet from underground utilities to allow roots to grow without impacts

✓ Mulching & Staking

- Avoid staking materials tightly around trees because it inhibits growth and girdles the trees
- Staking materials should be removed from young trees after 1-2 years to allow for growth
- Mulch should be spread 2-4 inches thick over the tree footprint but pulled back by the base of the tree

✓ Watering

- Trees should be watered deeply to encourage growth. Shallow watering leads to shallow root systems
- Newly planted trees should receive ~3 gallons of water per inch of tree, 3-4 times per week for first growing season
- As a tree matures, the volume of water should increase, but frequency of watering can decrease
- Watering bags can provide a consistent water source, but must be installed correctly, refilled frequently, and monitored

When contracting out planting work, include watering for the first several years in the contract

✓ Pruning

- Trees should be pruned in priority from largest to smallest
- Revere should aim to prune 1/5 of its trees per year during a 5 year maintenance cycle

