

## Tree & Planting Specifications – Greencastle Borough

Tree material shall conform to the latest version of the American Standard for Nursery Stock (ANSI Z60.1). Plant material shall be of standard quality or better, true to name and type of species or variety.

Trees are to be 1.75 caliper DBH, trunk free of branches 5 ft. (unless tree variety requires exception), and shall have normal, well developed branches and root systems. They shall be healthy and vigorous, free from limb, root and other defects, decay, sunscald injuries, abrasions of the bark, insect and pests and all forms of infestations or objectionable disfigurements and structural conditions caused by nursery practices including roots buried too deep in a root ball.

In transporting plants to the planting site, trees shall be handled, secured and covered to prevent any damage from wind or vibration. Plant material shall be handled in a manner to cause the least amount of damage during the planting process. The trunk shall be protected against mechanical damage during handling and transport.

Trees shall be planted in accordance with the International Society of Arboriculture Tree Planting Best Management Practices. All trees shall sit, after settlement, with the base of the trunk and the beginning of the roots, the “trunk flare”, level with the sidewalk grade. For all balled and burlapped stock, once a tree has been properly positioned in the pit, burlap and twine surrounding the root ball shall be removed or tucked down in the planting hole. Plastic burlap or other synthetic materials shall be completely removed from the pit. Tree baskets may remain on the root ball, but the top 1/3 rings of all wire baskets shall be removed. Soil shall be firmed at 6-8 inch intervals and thoroughly settled with water. All newly planted trees shall be deeply irrigated by applying at least twenty gallons of water.

All trees shall be supported by 2 stakes, they shall be placed outside of the rootball, driven 30 inches into the ground, and shall be fastened to the tree with a suitable material that is knotted around the tree stakes. Stakes shall be set parallel to curbs.

Bark Mulch shall be applied as a ground cover to the surface of all planting beds at the time of planting. Mulch shall be applied to a uniform depth of 3 inches and shall be so distributed as to create a smooth, level cover over the exposed soil. A gap of approximately 2 inches should be left between the mulch and the trunk of the tree to avoid mounding above the trunk flare.

Cleanup of soil, branches or other debris resulting from any tree planting shall be promptly accomplished. The tree planting work area shall be kept safe at all times until the planting and cleanup operations are completed.

All trees must be guaranteed for 1 year, with responsibility for removal and replacement by the supplier.