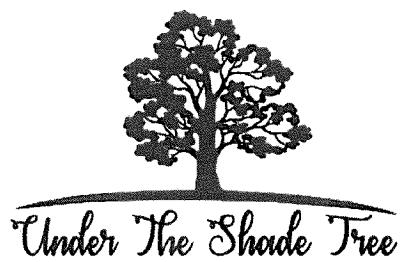




Eatontown Shade Tree Commission "Do Not Plant List" Established March 2020

- **Ash Tree (Blue, White, Green)**
- **Maples (large variety: Silver, Red, Norway)**
- **Bamboo**
- **Japanese Knotweed**
- **Ivy – English**
- **Bradford Pear**
- **Sweet Gum**



Borough of Eatontown, NJ
Friday, July 21, 2023

Chapter 89. Land Use

Article IX. Design Standards and Improvement Specifications

§ 89-83. Planting and landscaping.

[Amended by Ord. No. 5-85]

A. Grading and selection of plant material.

- (1) Plant stock shall conform to the code of standards set forth in the current edition of American Standards for Nursery Stock (ASNS) recommended for general use and adoption by the American Association of Nurserymen, Inc.
- (2) Plants shall have normal, well-developed branches and vigorous, fibrous root system. They shall be healthy, vigorous plants free from defects, decay, disfiguring roots, sun scald injuries, abrasions of the bark, plant diseases, insect pest eggs, borers and all forms of infestations or objectionable disfigurements. All trees must have straight trunks with single leader in tact.
- (3) Substitutions will not be permitted unless sufficient proof is submitted that specific plants or sizes are unobtainable. Proposal will be considered for nearest equivalent size or variety, and the contractor shall notify the Arborist or Borough Engineer for approval before any change is made.

[Amended by Ord. No. 3-93]

- (4) Native and invasive species.

[Added 3-9-2022 by Ord. No. 05-2022]

- (a) Native species and their cultivars shall be used in all landscape designs brought before the Office of Planning and Zoning including Planning and Zoning Board applications. A list of native plants as well as their list of deer-resistant native plants, specifically for Monmouth County published by the Native Plant Society of New Jersey shall be required and incorporated as if fully set forth at length herein, as published in Rutgers New Jersey Agricultural Experiment Station's web site: <https://njaes.rutgers.edu/fs1140/>.
- (b) Nonindigenous plant species and invasive species shall be prohibited. A list of invasive species and nonindigenous plant species shall be incorporated as if fully set forth at length herein as identified by the New Jersey Department of Environmental Protection, Natural and Historic Resources Group, Parks and Forestry, Office of Natural Lands Management, Natural Heritage Program 2004 publication "An Overview of Nonindigenous Plant Species in New Jersey," or any subsequent revision.
- (c) Under no circumstances shall it be allowable to plant any plants, shrubs, or trees that are listed on the NJ Invasive Species Strike Team's "Do Not Plant" list.

B. Nomenclature of plant material.

- (1) The nomenclature used in the plans and specifications conforms to that of the current edition of Standard Plant Names as adopted by the American Joint Committee of Horticulture Nomenclature.
- (2) All plants shall be true to name and quantity as per plan and true to size as per plant material listing in the specification.
- (3) Diameter of trees less than four inches in caliper shall be measured six inches above ground level, and height of central leader, measured from ground lines, shall be not less than specified.
- (4) Diameter of trees over four inches in caliper shall be measured 12 inches above the ground level.
- (5) The nursery from which the plant material will be purchased must submit an affidavit to the Borough Arborist or Borough Engineer, developer and Shade Tree Commission stating that the specified trees to be planted are reserved for delivery.

[Amended by Ord. No. 3-93]

C. Inspection of site.

[Amended by Ord. No. 3-93; Ord. No. 06-2001]

- (1) Contractors and/or applicants shall visit the work site prior to bidding so as to familiarize themselves with existing conditions; i.e., existing soil, drainage, topography, buildings, towers, poles, and overhead and underground power lines and conduits.
- (2) The contractor and/or applicant is responsible for contacting underground utilities for the location of any underground utility lines. They must be notified at least 72 hours in advance of actual planting date.
- (3) No plant pits shall be dug until underground utilities are staked and the location of the plant pit is approved by the Borough Arborist or Borough Engineer.

D. Consultation. It is the responsibility of contractor and/or applicant to consult with the Borough Arborist or Borough Engineer, prior to installation, for purpose of comprehension of specifications, plant material or planting details. To avoid monocultures, the following species diversity shall be used: Whenever an application plan calls for five to 10 plantings, two or more different kinds of species shall be planted. If between 11 and 20 plantings, four or more species shall be planted; between 21 and 35, five or more species shall be used; and if more than 36 plantings are to be used, an additional species be provided for every 12 plantings and the minimum diversity amongst plantings shall be 10%.

[Amended by Ord. No. 3-93; Ord. No. 06-2001; 3-9-2022 by Ord. No. 05-2022]

E. Approval of plant material.

- (1) All plants shall be subject to the approval of the Borough Arborist or Borough Engineer and/or Shade Tree Commission.
[Amended by Ord. No. 3-93]
- (2) Plants may be inspected at the growers nursery at the place of collection. Approval of plants at the source does not alter the right of rejection at the project site.
[Amended by Ord. No. 5-85]

F. Root ball specifications.

- (1) The minimum sizes of balls, ball depth and diameters shall be in accordance with Recommended Balling and Burlapping Specifications, as set forth in the current edition of the ASNS.

- (2) The root ball shall be wrapped with untreated burlap only and bound with sisal twine only, in a manner so as not to damage the bark, break branches, or destroy natural shape.
- (3) All plant stock shall be freshly dug and handled with reasonable care and skill to prevent injuries to the trunk, branches and roots.
- (4) No balled plant shall be planted if the ball is cracked or broken either before or during the planting operation. All plants shall be lifted from the bottom of the root ball only.

G. Shipment and delivery of plant material.

- (1) All plant material shall be carefully handled and packed in accordance with good nursery practice to prevent injuries during transit. The roots of all plants shall be properly protected with wet straw, moss and other suitable material until planted. If not planted on the day of delivery, all material shall be heeled in and well watered, and the plants shall be kept shaded or covered, in a manner acceptable to the Arborist or Borough Engineer, until planted. The contractor and/or applicant shall coordinate his work to prevent delays in planting that may expose the roots of plant materials to the air, sun or freezing conditions.
[Amended by Ord. No. 3-93; Ord. No. 06-2001]
- (2) The Arborist or Borough Engineer shall be notified 72 hours in advance of the delivery of any plant material to the site. Delivery slips covering all plant material transplanted to the site must be furnished to the Arborist. Acceptance of plant materials will not be granted without the delivery slips.
[Amended by Ord. No. 3-93; Ord. No. 5-85]
- (3) Proper precautions shall be observed so as not to disturb or damage subsurface improvements. Before doing any excavation or driving stakes, the contractor and/or applicant shall ascertain location of any utility lines.
[Amended by Ord. No. 06-2001]
- (4) When shipment is made by truck, pack all plant material to provide adequate protection against climate and breakage during transit and to prevent whipping.
- (5) Cover the tops with tarpaulin to minimize wind whipping and drying.
- (6) When conditions are such, by reason of drought, high winds, excessive moisture, or other similar factors, that satisfactory results are not likely to be obtained, work shall not be resumed until desired results can be obtained or until approved alternative corrective measures and procedures are adopted.

H. Temporary storage.

- (1) Insofar as practicable plant material shall be planted on the day of delivery. In the event this is not possible the contractor and/or applicant shall protect that stock not planted.
[Amended by Ord. No. 06-2001]
- (2) Protect plants at all times from sun and drying winds. Plants that cannot be planted immediately on delivery shall be kept in the shade, well protected with soil, wet moss or other acceptable material and shall be kept well watered.
- (3) Plants shall not remain unplanted for longer than three days after delivery.

I. Time of planting.

- (1) Broad leaf and coniferous evergreen trees, shrubs, vines and ground covers shall be placed between September 1 and October 15 and between April 1 and May 15. Deciduous trees, shrubs, vines and perennials shall be planted between September 15 and November 15 and between April 1 and May 30. These planting dates will not be changed except in consideration of extreme weather and soil conditions as directed by the Arborist or Borough

Engineer. For all planting during an extension of the spring planting season, the plant material shall be sprayed with an antidesiccant which shall be mixed and applied according to the directions of the manufacturer, and the trees and shrubs shall be trimmed and thinned to reduce the amount of foliage and help balance the loss of roots due to transplanting.

[Amended by Ord. No. 3-93]

- (2) The contractor and/or applicant shall assume all extra risk or cost of planting when it is performed out of the regular prescribed seasons.

[Amended by Ord. No. 6-2001]

- (3) All plantings shall be balled and burlapped, unless otherwise directed, and shall be performed as herein specified.

- (4) No planting shall be done when the ground is frozen. No planting shall be done during abnormally hot weather. The final decision, however, shall be based upon mutual agreement between the Borough Arborist or Borough Engineer and the contractor and/or applicant.

[Amended by Ord. No. 3-93; Ord. No. 06-2001]

- (5) Diameter of pits for B&B material shall be at least two feet greater than the spread of the ball. The depth of all pits shall be set at such a level that, after settlement, the plant will be exactly the same depth as previously grown in the nursery.

- (6) Where unsatisfactory subgrade soil condition is encountered, such as building construction debris, in the excavation for tree pits, increase the size of the pits by 1/3 of their diameter and add six inches in depth.

[Amended by Ord. No. 06-2001]

- (7) The plant hole shall be backfilled with one part original soil, two parts composted cow manure or other approved organic material and two parts screened topsoil. Each layer shall be carefully tamped in place in a manner to avoid injury to the root ball or disturbing the position of the plant.

[Amended by Ord. No. 06-2001]

- (8) The burlap shall be removed from the top 1/3 of the root ball and all twine removed from around the trunk of the tree. All nursery tags shall be removed.

- (9) All plants shall be thoroughly watered in at the time of planting to prevent air pockets. Any settlement shall be brought to grade with topsoil mixture.

- (10) Form a four-inch saucer around the tree pits. Plant pits shall be finished with shoulder of soil mix placed outside rim of pits to form a saucer over the entire area of the pit.

J. Mulching. A minimum depth of four inches of shredded cedar or shredded hardwood mulch to be placed over the entire pit. All plant material shall be mulched within two days after planting.

K. Pruning.

- (1) It is advisable to prune all superficial, superfluous, crossing, parallel, broken or dead branches.

[Amended by Ord. No. 06-2001]

- (2) Main leader of trees must not be cut back. Do not reduce the length of branches unless to remove damaged portion.

[Amended by Ord. No. 06-2001]

- (3) Pruning cuts shall be positioned just outside the branch collar and the bottom of the cut shall be slanted slightly away from the trunk.

[Amended by Ord. No. 06-2001]

- (4) No tree paints shall be used.
- (5) Each tree shall be pruned in accordance with standard horticultural practice to preserve natural character.
- (6) Pruning shall be done with clean, sharp tools.

L. Staking.

- (1) Stakes shall be eight to 10 feet long, of sound, durable, unfinished lumber capable of withstanding aboveground and underground conditions during the period of guarantee with top and bottom dimensions of two inches by two inches in diameter.
- (2) Three stakes shall be equally spaced about the tree in a triangular fashion and shall be driven vertically into the ground 2 1/2 to three feet in such a manner as not to injure the root ball.
- (3) Trees shall be fastened to each stake at a height of five feet by means of plastic chain link tree tie (seven-sixteenths-inch wide recommended for trees up to 2 1/2 inches in caliper).

M. (Reserved)

[Amended by Ord. No. 06-2001]

N. Cleanup and finish work.

- (1) During the course of planting, excess and waste materials shall be continuously and promptly removed, lawn areas kept clear, and all reasonable precautions taken to avoid damage to existing structures, plants and grass.
- (2) When planting in an area has been completed, the area shall be thoroughly cleaned up. Debris, rubbish, subsoil and waste materials shall be cleaned up and removed from the site.
- (3) Existing grass and wooded or shrub areas which have been injured by the work shall be regraded, seeded, and/or replanted by the contractor at no additional cost to the owner, and the entire area, when completed, shall be neat and clean to the satisfaction of the Engineer.
 - (a) During the course of planting excess and waste materials shall be continuously and promptly removed, lawn areas kept clear and all reasonable precautions taken to avoid damage to existing structures, grass and plants.
 - (b) If any of the above mentioned items are damaged due to the neglect of the contractor and/or applicant, said items will be repaired or replaced at the expense of the contractor and/or applicant and to the satisfaction of the Borough Arborist or Borough Engineer.

[Amended by Ord. No. 3-93; Ord. No. 06-2001]

- (c) Existing grass areas which have been injured by the work shall be graded and sodded and the entire area, when completed, shall be neat and clean.

O. Guarantee.

- (1) A proving period shall follow the completion of all planting for one year after final acceptance. A maintenance guarantee shall be provided to the Borough of Eatontown in accordance with § 89-92A(1).
- (2) At the expiration of the proving period an inspection of the planting will be made and only those plants that are normally healthy will be accepted. Unacceptable material shall be removed and replaced by the contractor at his own expense.
- (3) Planting for the replacement shall be done the following planting season and in the same

manner as specified for the original plantings. All replacements shall have a one-year proving period.

- (4) Plant material which is dead or unhealthy because of vandalism or physical damage shall not be covered by the guarantee.
- (5) The developer is responsible for contacting the Borough Arborist or Borough Engineer upon completion of the planting to determine whether or not the work accomplished is in accordance with the landscape design and the specifications. All such replacements will be inspected for acceptance.

[Amended by Ord. No. 3-93]

P. Maintenance/report for homeowner.

- (1) Maintenance. Maintenance shall begin when the project commences, and all planting shall be properly cared for and watered by the contractor until final acceptance of the project.
- (2) Planting maintenance shall include all necessary watering, cultivation, weeding, pruning, wound dressing, disease and insect pest control, protective spraying, replacement of unacceptable material, straightening plants which lean or sag, adjustment of plants which settle or are planted too low, and any other procedure consistent with good horticultural practice necessary to insure normal, vigorous and healthy growth of all work under this contract.
- (3) The contractor shall be responsible for the use of all materials, labor and equipment, and any injury to plant material caused by such material, labor and equipment shall be corrected and repaired by the contractor at no additional expense to the owner.
- (4) All plant material shall be inspected by the Arborist or Borough Engineer at least once a month to locate any disease or insect pest infestation. Upon the discovery of any disease or inspect pest infestation, identify or have identified the nature or species of the infestation and submit the proposed method of control to the developer for approval prior to application of correction measures.

[Amended by Ord. No. 3-93]

Q. Acceptance. At the time of acceptance of the project, all planting areas shall be free from weeds in a cultivated condition, and all plant materials shall be alive and healthy.

[Amended by Ord. No. 3-93]

- (1) Recommendations for maintenance of plant material shall be sent in duplicate to the Arborist's office or the Borough Engineer's office within eight days following final acceptance.
- (2) A copy will be forwarded to the homeowner/property owner by the Borough Arborist or Borough Engineer as maintenance guide.