

Tree Planting Specifications for the NJ Tree Planting Grant

Revised July 2002

1. GENERAL

The contractor shall be liable for any damages to property caused by his operations and in the event of damages, he shall at his own expense restore all disturbed or damaged areas to their original condition. All materials, equipment and personnel shall be limited to the work are defined by the project supervisor. Trees shall be free of damage as the result of handling or transportation.

No substitution of plant material is allowed unless written permission is obtained from the project supervisor prior to the delivery date of the material.

All work shall conform to accepted horticultural practices as ultimately determined by the project supervisor

2. SCOPE OF WORK

Work shall consist of:

1. preparation of areas for planting
2. furnishing and planting of specified trees, unless the contract is for planting only
3. maintenance of plantings until acceptance by the project supervisor
4. clean up and restoration of any disturbed areas to the condition prior to the contractor's operations

3. SCHEDULING OF WORK

The contractor shall submit a proposed work schedule to the project supervisor for approval at least seven (7) days prior to beginning operations. After the schedule is accepted, no modifications will be permitted without written authorization from the project supervisor.

The contractor shall arrange to confine his operations to normal working hours for the industry and no work will be permitted on Sundays and holidays without written authorization from the project supervisor.

4. PERSONNEL

All personnel will be properly supervised in a manner that assures that the property is protected from damage; that the safety of all personnel and the public is protected and that all contract work is done in a professional manner.

5. PROTECTION OF UTILITIES

Prior to any excavation or the driving of stakes into the ground, the contractor shall ascertain and have marked out the location of all underground utilities. The contractor shall take proper precautions not to disturb or damage any sub-surface utilities.

In the event that any sub-surface utilities are uncovered or damaged, the contractor shall immediately notify the project supervisor so that the contract work may be relocated or stopped until the damage can be repaired. The contractor shall be financially responsible for any damage to utilities and structures and shall properly maintain the protection of same.

6. MULCH

Mulch shall be uniformly shredded hard wood. All foreign material including twigs, stones, cans, soil, etc. shall be removed prior to spreading. Mulch shall be between 3" and 4" in depth and shall not touch the trunk of the tree.

7. LAYOUT

All trees and shrubs shall be located as shown on the plans supplied by the project supervisor. Should the contractor encounter obstructions of any nature, he shall notify the project supervisor who will arrange adjustments. All adjustments to the plan must be authorized in writing.

The project supervisor or his designee shall stake the exact planting location of each tree in accordance with the plans. The staking and layout work shall be done sufficiently in advance of planting to avoid delays to the contractor.

No planting holes shall be excavated in advance of planting operations. The planting holes must be

approved by the project supervisor prior to the start of the planting operation. Each plant shall be planted in an individual hole as specified. All plants shall be set to ultimate finished grade so that they will bear the same relationship to finished grade as they bore to the natural grade before transplanting. See the accompanying [planting diagram](#) for details.

8. WATER

Plants shall be thoroughly watered in after planting. The project supervisor will notify the contractor if water suitable for irrigation is available on the site. If water is unavailable on the site, it is the responsibility of the contractor to furnish it at the time of planting.

9. NURSERY STOCK

Plant species shall conform to those indicated on the drawings, plant list, and the publication Hortus Third.

All landscape nursery stock shall conform to the standard specifications of The American Standard for Nursery Stock sponsored by the American association of Nurserymen, Inc. All plants shall be grown under climatic conditions similar to the job site for a period of not less than two (2) years immediately prior to this project.

No substitutions shall be permitted in either kind or grade without written authorization from the project supervisor.

Any material and/or work may be rejected, if, in the opinion of the project supervisor, it does not meet the requirements of the specifications. All rejected material shall be promptly removed from the site by the contractor at his own expense.

10. QUALITY

Plants shall have the habit of growth that is normal for the species or cultivar and shall be sound, healthy, vigorous, free from insects, plant diseases and injuries or damage of any nature. All plants shall be of the grades specified, neither large nor smaller, without written authorization from the project supervisor. No plants shall be pruned, clipped or trimmed prior to delivery without written authorization from the project supervisor. All landscape stock must be nursery grown.

All plants shall have been root pruned at the nursery at least once during the three year period immediately preceding transplanting and at least one year prior to transplanting.

All plants must be State Inspected and a copy of the "Certificate of Inspections" issued by the State Department of Agriculture at the point of origin must accompany shipments from each source.

11. SHIPMENT, DELIVERY, INSPECTION, AND ACCEPTANCE

The project supervisor reserves the right to inspect and select all plant material at its point of origin. Acceptance at the nursery, in which the plant is growing, prior to transplanting, does not preclude rejection at the site for just cause.

The plant material is to be delivered to the site in quantities and on the dates agreed upon by the project supervisor. The contractor shall advise the project supervisor of all deliveries at least 48 hours prior to its arrival at the site, so that all trees can be inspected upon delivery to the site.

All plants shall be tarped, protected from weather and be adequately packed to avoid breakage, sun scald, windburn, desiccation and other damage during loading and shipment. All measures customary in good trade practices shall be taken to keep the plants in good condition.

No plants shall be planted until they have been inspected and approved on the site by the project supervisor.

Legible tags shall be attached to each tree. Trees that fail to meet the specifications set forth in Sections 9 and 10 will be rejected. Rejected plants shall be removed from the site immediately and approved replacement stock that meets the specifications set forth in sections 9 and 10 will be planted in the prescribed manner by the contractor at his expense. Final written acceptance of the plants will be given only after it has been planted and after the requirements prescribed herein are met.

12. TIME OF PLANTING

Prior to commencement of planting, the contractor shall contact the project supervisor to establish a schedule of planting trees. Trees will be planted from March 1 through June 30.

13. PLANTING

Unless otherwise specified within these specifications, all work shall conform to accepted horticultural practices as ultimately determined by the project supervisor.

Plants shall be protected upon arrival to the site by being thoroughly watered and properly maintained until properly planted and watered. Unplanted stock shall be "healed-in" a bed of material approved by the project supervisor upon delivery to the site unless they will be planted within four (4) hours after delivery. At all times workmanlike methods customary in good horticultural practices shall be exercised. The contractor shall protect all existing features on the site including underground utilities, structures, and existing trees.

All trees shall be planted in pits that are a minimum of two (2') feet larger in diameter than their ball of earth or their spread of roots. The depth of the pits shall be equal to the depth of the root ball after proper planting. The tree shall be centered in the hole and then back filled one half the depth of the soil ball with topsoil. The backfill shall be lightly but thoroughly tamped and well watered. The remainder of the hole is then to be backfilled with approved topsoil to a depth that after settling will assure the tree will be at the same level it was previously growing at in the nursery. The tree will be well watered again before mulch is placed over the surface of the root ball.

14. GUYING, STAKING AND WRAPPING

The installation of tree stakes and supporting materials will be done to those trees that the project supervisor deems necessary. Stakes shall be made of wood, of the length and size required to restrict excessive movement by the tree, as ultimately determined by the project supervisor. Tie materials shall be plastic chain lock or flat, woven webbing designed specifically for staking trees.

For details on proper staking, see the planting diagram.

Tree trunks shall not be wrapped.

15. PLANTING PREPARATIONS

Prior to backfilling, balled and burlapped trees shall have burlap and twine removed from around the trunks, stems and tops of the balls. The burlap shall be peeled back off the top of the ball, or if bulky, cut away and removed from the upper three-quarters of the soils ball. No burlap shall be pulled out from underneath the ball.

Wire baskets shall be removed from the root balls after the trees are set in the planting pit by cutting with any tool that does not destroy the integrity of the root ball or injure the tree roots.

Backfilling shall be lightly but thoroughly tamped and well watered as described under planting. Only the prescribed approved topsoil may be used to backfill the holes during planting operations. Unsuitable excavated material, as designated by the project supervisor shall be removed from the site by the contractor at his expense.

16. MULCHING

Shredded hardwood mulch supplied by the contractor shall be free of debris and shall be placed by the contractor around all plantings at the time of planting to a depth of three (3") inches as shown in the planting diagram. Care shall be exercised to keep mulch three (3") inches away from the bases of all plantings. After the mulching operation has been approved by the project supervisor, the mulch shall be thoroughly watered.

17. PRUNING

The contractor shall not prune any plant.

18. CLEAN-UP

During the course of operations, the Contractor shall remove from the property at his expense all excess and waste materials.

Any damaged lawn areas or planting areas will be restored to their original condition by the contractor at his expense, if such damage is the result of the contractors; operations.

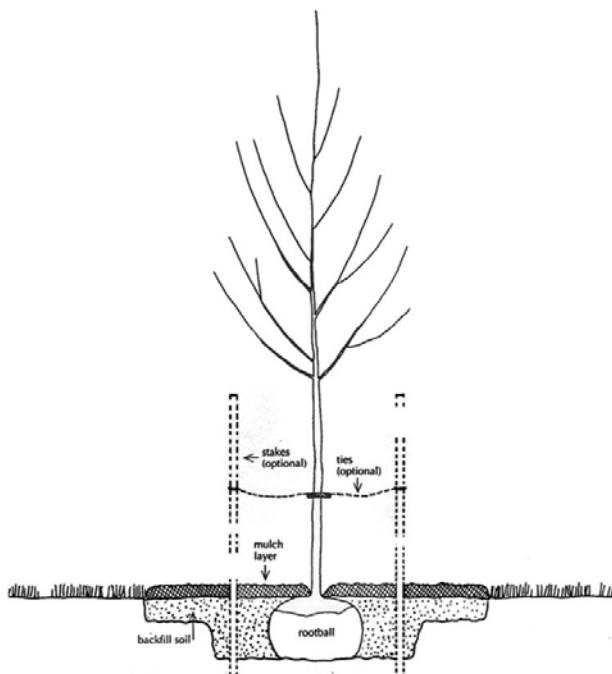
19. INSPECTION FOR ACCEPTANCE

Inspection: The contractor shall notify the project supervisor when planting is completed and shall request an inspection in order to determine whether or not the project meets the specifications contained herein. If the work is acceptable, a written notice shall be provided stating so. If deficiencies are found in the work, a list of items requiring attention shall be furnished to the contractor by the

project supervisor. The deficiencies shall be corrected by the contractor within ten (10) days and a re-inspection shall be made. This procedure will continue until the work is found acceptable.

Acceptance: After inspection, the contractor will be notified in writing by the project supervisor of the acceptance of all work.

Standard Tree Planting Diagram New Jersey Tree Planting Grant



Standard Tree Planting Diagram

New Jersey Tree Planting Grant

