

Cary Landscape Planting Notes

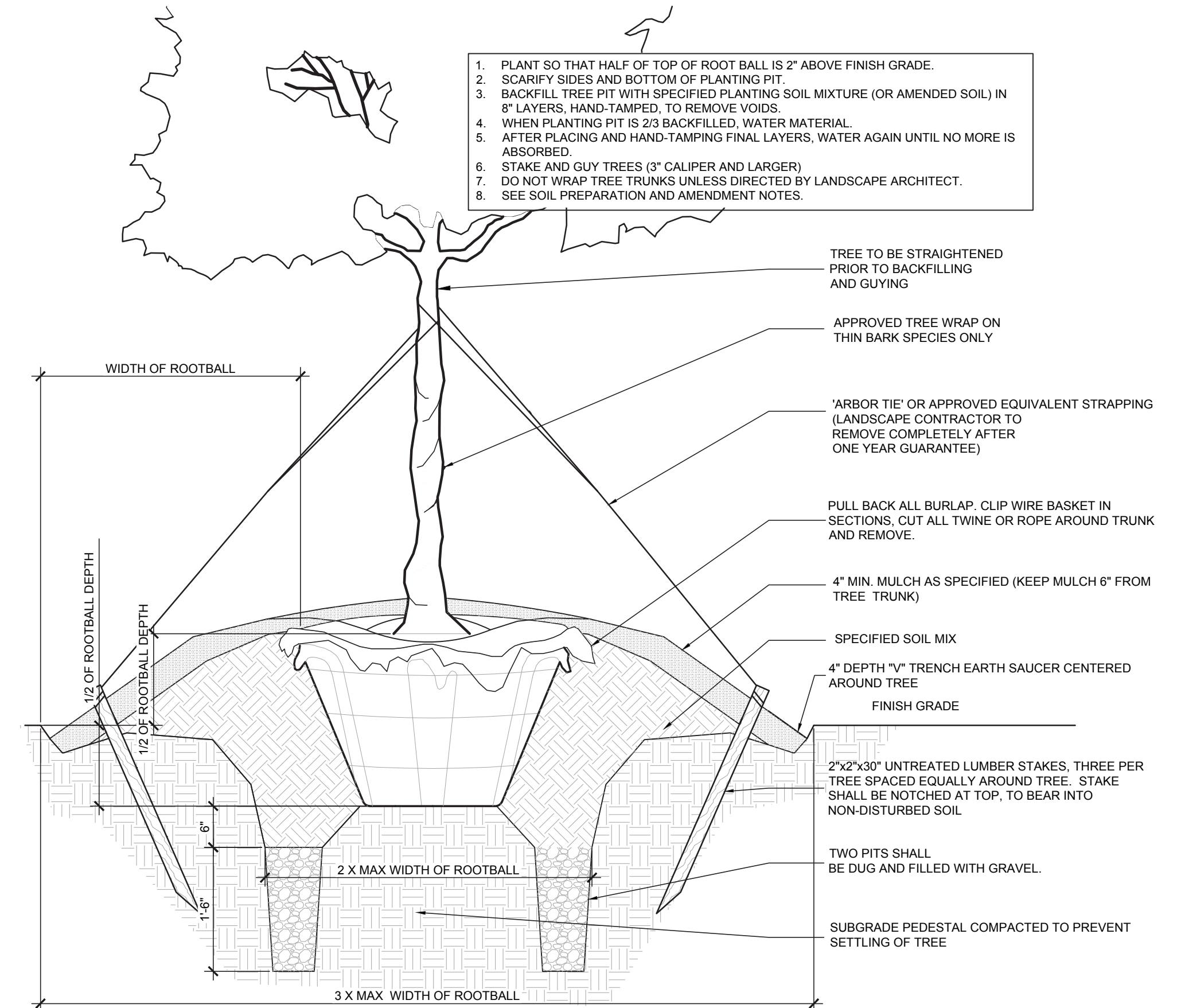
1. Verification of total landscape material quantities as shown on the landscape plans and in the plant list shall be the responsibility of the landscape contractor. The landscape architect shall be notified of any discrepancies prior to final bidding or installation.
2. All landscape materials shall conform to the most recent American Standards for Nursery Stock established by the American Association of Nurserymen (A.A.N.).
3. Soil analysis shall be obtained by landscape contractor prior to planting. Results shall be submitted to Landscape Architect. Soil shall be amended as recommended.
4. Shrub bed area preparation is highly preferred to individually dug holes.
5. Trees with root flare covered by more than 1.5" of soil will be rejected prior to installation.
6. Landscape material placed in prepared holes shall be properly backfilled prior to the end of the working day.
7. All saucers shall be soaked with water and mulched immediately following installation.
8. All prepared ground cover and annual bed installations shall be properly soaked and mulched prior to the end of the day.
9. Landscape Architect shall approve any on-site plant storage area for accessibility, shade conditions, healing-in mulch material and temporary watering methods.
10. Lift and set the tree by root ball only. Do not lift using the tree trunk. Do not use tree trunk as a lever.
11. All root balls removed from containers shall be scarified by hand prior to placement and back filling with prepared soils. Hand tools are not to be used to scarify root balls.
12. All rope and wrapping twine shall be cut and removed from around the upper parts of the root ball. Metal basket wires and burlap shall be pulled back and tucked under the edges of the saucer rings on all trees and large shrubs. All synthetic burlap shall be removed from plant balls prior to back filling.
13. All plant beds or raised saucer rings shall be edged with smooth, continuous curves.
14. All plant material shall be planted at heights as illustrated in plant details.
15. Tree guying shall be performed within a week of planting. The landscape contractor shall be responsible for removing all tree guying strapping and stakes after the first full growing season or one year, whichever ever comes first.
16. B & B as listed under "root" in the plant list indicates balled and burlapped.
17. Contractor shall verify locations of underground utilities prior to planting. Any exposed or uncovered lines shall be shown to general contractor prior to backfilling.
18. All plant beds and raised saucer rings shall be graded to provide adequate drainage and shall be mulched as specified.
19. All materials, planting and landscape work shall conform to the current municipal authority's standard specifications and details.
20. All landscape areas that are not planted and mulched or paved shall be seeded or sodded per owner's direction with detail IV turf type tall fescue, unless otherwise noted.
21. Tree protection fence shall be installed, inspected and approved prior to the issuance of any grading or other permits.
22. First year pruning of tree crown shall be limited to removal of dead & damaged wood.
23. The owner shall be responsible for the maintenance of all required landscaping by keeping lawns mowed, all plants maintained as disease free, all planting beds groomed and kept weed free (except in areas of preserved existing natural vegetation i.e. thickets) and kept them free from trash, debris and other materials.
24. The owner shall be responsible for the replacement of any required planting, which is removed or dies after the date of planting. Such replacement shall occur during the next planting season, and the replacement of any tree in a Tree Save Area, which is removed or dies after the date of approval of a Landscape Preservation Landscape Plan, such replacement shall occur during the next planting season.
25. Upon establishment of finished grades and prior to beginning installation of any trees, a soil amendment schedule for all tree plantings shall be prepared by a Registered Landscape Architect and be provided to the Town of Cary Planning Department.
26. Prior to the issuance of a Certificate of Occupancy, a certified statement shall be provided to town staff Cary Site Inspector attesting to the fact that the soil amendment schedule was followed as specified in the approved site and/or subdivision plan. This statement shall be certified by a Registered Landscape Architect, certified arborist, or other specialist as determined acceptable by the Planning Director.
27. All shrubs installed as vehicular use screening will be maintained as a continuous hedge at a minimum height of 36 inches.
28. All mechanical equipment, waste disposal facilities, and vehicular use areas (drives and parking) shall be screened from public view.
29. Where existing or proposed vegetation fails to function adequately as required, the Town of Cary site inspector reserves the right to require supplemental plantings in addition to those shown on the landscape plan based on actual field conditions.
30. The size of the planting area and of plant material at maturity shall allow for a two and one-half feet wide bumper overhang measured from the back of curb.
31. No trees shall be located within a roadway right-of-way, within five feet of a sidewalk, or within ten feet of a lighting location.
32. All plant material installed within a sight distance maintenance easement shall be maintained at a height above six feet or below two feet.
33. All above-ground equipment associated with on-site electric, cable, telephone, gas or similar utility shall be located to the side or rear of the site and be screened, to the extent practical, with evergreen plants. Plantings shall allow a minimum of five feet clearance around the structure with ten feet clearance on any side containing a door to allow access for maintenance. The clearances shall account for the mature size of the plant material.
34. All irrigation system plans are submitted through the Building Permit process and are evaluated separately from and in addition to site plan and building plan reviews.

Soil Preparation and Amendment Notes

1. Soil samples shall be taken and submitted for soil analysis to the NCDA & CS, 4300 Reedy Creek Rd., Raleigh NC, 27607-6465
2. Per recommendation of soils report; landscape contractor to supplement soil with lime, macronutrients and micronutrients.
3. Contractor to amend soil with organic material and/or sand to yield the final soil ratio:
 - 33.3% Sand/Silt
 - 33.3% Clay
 - 33.3% Organic Material *

* Organic material to be Compost made solely from plant-based products. Peat moss is allowed in sandy soils
4. Native soil, Lime, Nutrients and Amendments to be tilled to a minimum width of 3-5 x root ball for trees. Shrub and groundcover planting areas shall be tilled to a minimum 4" below rootball or a minimum 12" deep.

Landscape Notes 05



Typical Tree Planting 03
Scale: 3/4" = 1'-0"

Landscape Maintenance Plan

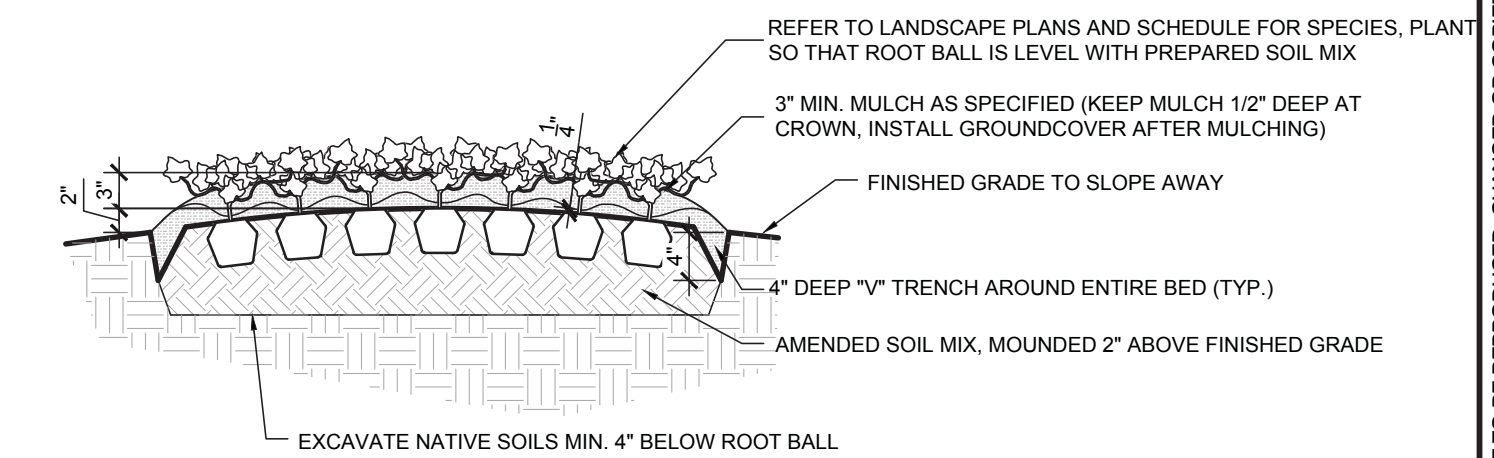
THE OWNERS OF THE PROPERTY AND THEIR AGENTS, HEIRS OR ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, PRESERVATION AND MAINTENANCE OF ALL PLANTINGS AND PHYSICAL FEATURES SHOWN ON THIS PLAN. THE OWNERS SHALL BE RESPONSIBLE FOR ANNUAL MAINTENANCE OF THE VEGETATION TO INCLUDE BUT NOT LIMITED TO:

- A. Fertilization: Avoid any nitrogen fertilization of cool-season grasses, such as tall fescue, after the February application until September. Fertilize lawns three times per year September 15, October 31, and February 15 according to soil test. Fertilize warm season grasses once during growing season per soil test.
- B. Pruning: Purpose of pruning is to improve health and vigor of woody plants, adjustments to the foliage and branching density for visual screens and managing competition, and improving the appearance of trees and shrubs. Pruning shall be limited to removal of dead wood or branches for trees or for sight distances/safety reasons for the first year. The ANSI A300 Tree Care Operations standards should be adhered to. The pruning of shrubs shall be limited to the pruning necessary to maintain the natural shape of the plant except for sheared hedges.
1. Shrubs in buffers allowed to remain full to ground and 6'-8' height.
 2. Shrubs in streetscape buffer trimmed to continuous soft hedges below trees.
 3. Shrubs in planting islands kept trimmed to 36" maximum height.
- C. Pest Control: Pre-emergent weed control for lawns and shrub beds may be applied in February. Chemical treatment for insect infestation and disease may be applied and shall be specific to the problem.
- D. Mulching: Mulching shall be maintained at a depth of 2"-3" in plant beds. Mulch shall be reapplied every year.
- E. Mowing primary fescue lawns shall be maintained at a height of 3". Secondary turf areas may be maintained higher and less frequently. Warm season grasses shall be mowed as needed during the growing season to maintain the recommended height of the species of turf grass.
- F. Plant protection: Avoid excess intrusion into the root zone area of established plantings. Install tree protection fencing as shown during construction.
- G. Watering: If any irrigation system is utilized, the system shall be regulated to provide approximately 1" of rainfall per week during the growing season.
- H. Maintenance notes for Bioretention Basin plant materials:
1. Visually inspect and repair erosion around bioretention areas on a monthly basis.
 2. Inspect mulch cover monthly and replace any void area as needed, additional mulch shall be applied in the spring where needed.
 3. Remove and replace all dead or diseased vegetation twice annually. Treat all diseased shrubs and trees as needed to insure proper growth.
 4. All plant materials shall be watered by hand for two weeks after installation.
 5. Replace any deficient stakes or wires whenever needed.
 6. Remove all trash weekly.

FAILURE TO MAINTAIN ALL PLANTINGS IN ACCORDANCE WITH THIS PLAN MAY CONSTITUTE A VIOLATION OF THE TOWN OF CARY LAND DEVELOPMENT ORDINANCE AND MAY RESULT IN FINES.

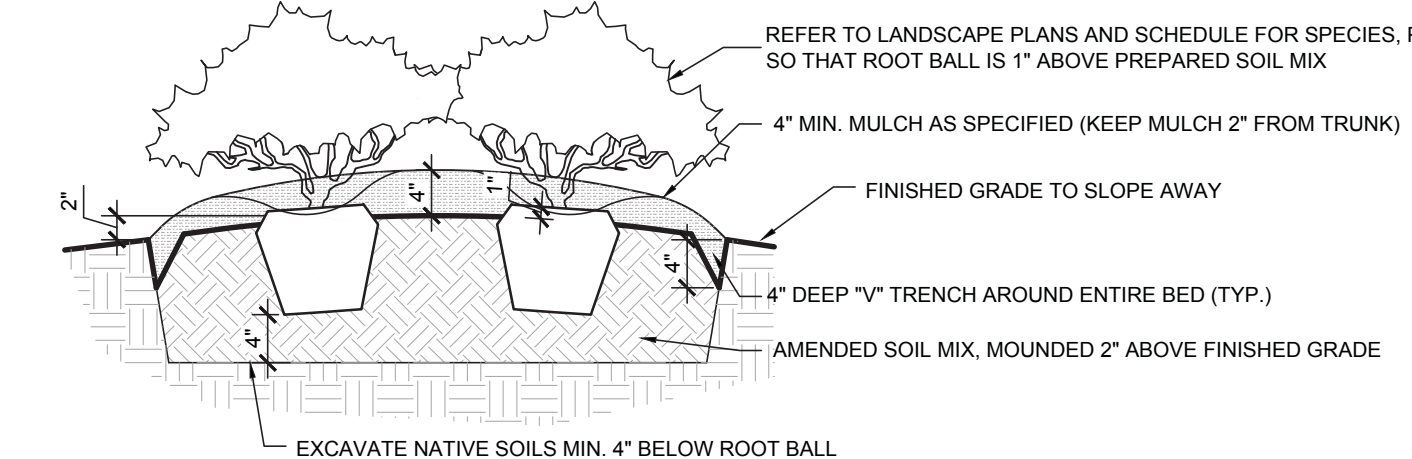
LANDSCAPE MAINT. PLAN 04

- GENERAL NOTES:
1. THOROUGHLY TILL IN PLANTING MIXTURE AMENDMENTS TO A MIN. DEPTH OF 12" IN ENTIRE BED AREA.
 2. WORK SOIL TO A LOOSE, UNIFORM TEXTURE.
 3. HAND-TAMP BACKFILL TO REMOVE VOIDS/AIR POCKETS.
 4. WATER IMMEDIATELY AFTER INSTALLATION UNTIL NO MORE WATER IS ABSORBED.
 5. SEE SOIL PREPARATION AND AMENDMENT NOTES



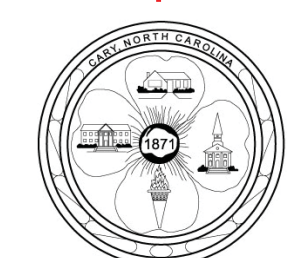
TYPICAL GROUNDCOVER PLANTING 02

- GENERAL NOTES:
1. PLANT SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISH GRADE.
 2. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
 3. BACKFILL PLANTING PIT WITH SPECIFIED PLANTING SOIL MIXTURE (OR AMENDED SOIL) IN 6" LAYERS, HAND-TAMPED, TO REMOVE VOIDS.
 4. WHEN PLANTING PIT IS 2/3 BACKFILLED, WATER MATERIAL.
 5. AFTER PLACING AND HAND-TAMPING FINAL LAYERS, WATER AGAIN UNTIL NO MORE IS ABSORBED.
 6. ROOTBALL IS TO BE DISTURBED SO THAT ROOTS WILL GROW OUT INTO SOIL MIX.
 7. SEE SOIL PREPARATION AND AMENDMENT NOTES



Typical Shrub Planting 01

APPROVED by the Town of Cary
Development Review Committee



17-DP-1253

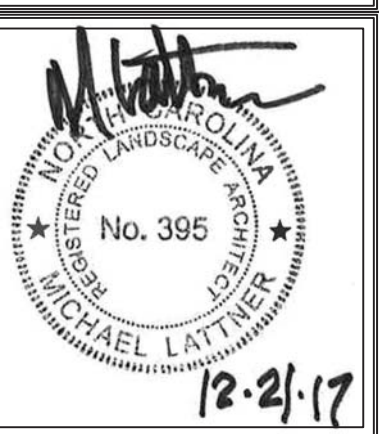
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01/09/2018



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17-DP-1253



PROJECT: 016019

DATE: 05.11.2017

REVISIONS: DATE

RESUBMITTAL	07.13.2017
RESUBMITTAL	09.14.2017
RESUBMITTAL	12.07.2017
RESUBMITTAL	12.21.2017

DRAWN BY: SP
CHECKED BY: MWL/EWB

Plant Details
and Notes

LP2.00

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