



LANDSCAPE SPECIFICATIONS

Landscape specifications shall be as outlined below. Any item or procedure not mentioned below shall be as specified in the Landscape Specification Guidelines published by the Landscape Contractors Association (latest edition).

A. Plant Materials:

The landscape contractor shall furnish and install and/or dig, ball, burlap, and transport all of the plant materials called for on the drawings and/or listed in the Plant Schedule.

B. Plant Names:

Plant names used in the Plant Schedule shall be identified in accordance with Hortus Third, by L. H. Bailey, 1976.

C. Plant Standards:

All plant materials shall be equal to or better than the requirements of the American Standard for Nursery Stock, latest edition, as published by the American Association of Nurserymen (hereafter referred to as ANN Standards). All plants shall be typical of their species and variety, shall have a normal habit of growth, and shall be first quality, sound, vigorous, well-branched and with healthy, well-furnished root systems. They shall be free of disease, insect pests and mechanical injuries.

- All plants shall be nursery grown and shall have been grown under the same climatic conditions as the location of this project for at least two years before planting. Neither heeled-in plants nor plants from cold storage will be accepted.
- Collected plants or transplanted trees may be called for by the landscape architect and used, provided, however, that locations and soil conditions will permit proper balling.

D. Plant Measurements:

All plants shall conform to the measurements specified in the Plant Schedule.

- Caliper measurements shall be taken six (6) inches above grade for trees under four (4) inch caliper and twelve (12) inches above grade for trees four (4) inches caliper and over.
- Minimum branching height for all shade trees shall be six (6) feet.
- Minimum size for planting shade trees shall be two and one half to three (2½ - 3) inches caliper, twelve to fourteen (12 - 14) feet in height.
- Minimum size for planting minor shade trees shall be two and one half to three (2½ - 3) inches caliper, eight to ten (8 - 10) inches in height.
- Minimum size for planting ornamental trees shall be one and a half to one and three fourths (1½ - 1¾) inches caliper, seven to nine (7 - 9) feet in height.
- Minimum size for planting evergreen trees shall be six to eight (6 - 8) feet in height.
- Caliper, height and spread shall be generally as follows:

Caliper	Height	Spread
2" - 2½"	12' - 14'	6' - 8'
2½" - 3"	12' - 14'	6' - 8'
3" - 3½"	14' - 16'	6' - 8'
3½" - 4"	14' - 16'	8' - 10'
4" - 4½"	16' - 18'	8' - 10'
4½" - 5"	16' - 18'	10' - 12'
5" - 5½"	18' - 20'	10' - 12'
5½" - 6"	16' - 20'	12' - 14'

All plant material shall generally average the median for the size ranges indicated above and as indicated in the ANN Standards.

- Minimum size for planting shrubs shall be, in general, eighteen to twenty-four (18 - 24) inches in height or spread, as appropriate, except that a larger size may be required when deemed appropriate by the Planning Director (or designee) in the case of particular species or planting situations.

E. Planting Methods:

All proposed plant material that meets the specifications above are to be planted in accordance with the following planting methods during the proper seasons as described below.

1. Planting Seasons

A professional horticultural/nurseryman shall be consulted to determine the proper time, based on plant species and weather conditions, to move and install particular plant materials to minimize stress to the plant. Planting of deciduous material may be continued during the winter months provided there is no frost in the ground and frost free top soil planting mixtures are used.

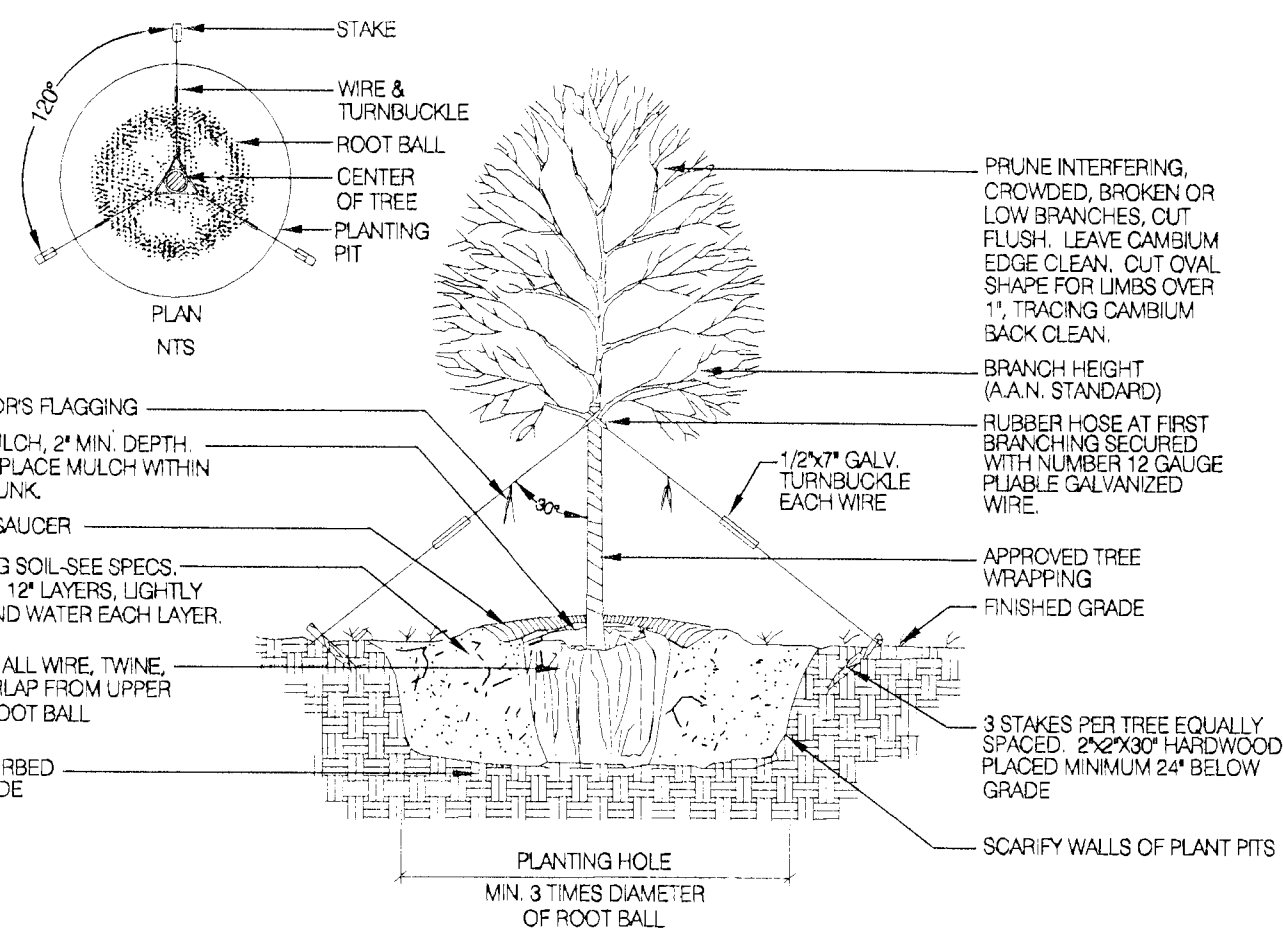
2. Digging

All plant material shall be dug, balled and burlapped (B+B) or bare-root in accordance with the ANN Standards.

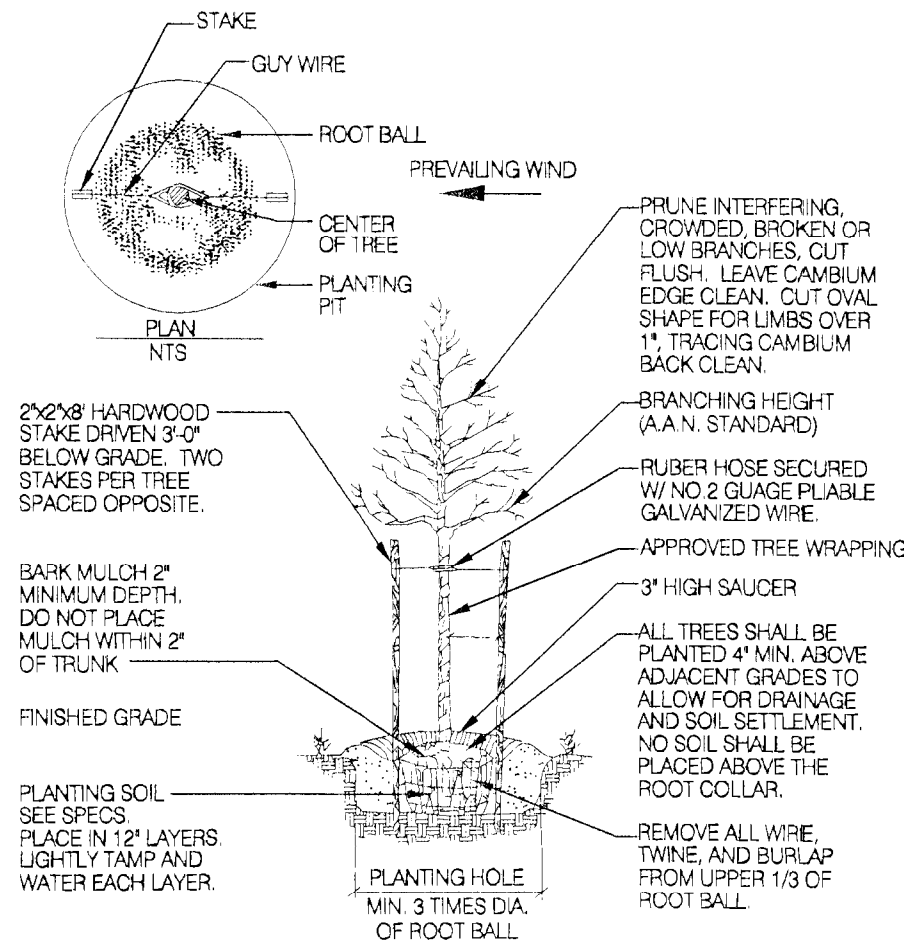
3. Excavation of Plant Pits

The landscape contractor shall excavate all plant pits, vine pits, hedge trenches and shrub beds as follows:

- All pits shall be generally circular in outline, with bowl shaped sides. The tree pit shall be deep enough to allow one-eighth (1/8) of the ball to be above the existing grade. Plants shall rest on undisturbed existing soil or well compacted backfill. The tree pit must be a minimum of nine (9) inches larger on every side than the ball of the tree.
- If areas are designated as shrub beds or hedge trenches, they shall be cultivated to at least eighteen (18) inches in depth minimum. Areas designated for ground covers and vines shall be cultivated to at least twelve (12) inches in depth minimum.



TYPICAL LARGE TREE PLANTING DETAIL  
(2-1/2" CALIPER AND LARGER)  
NOT TO SCALE



TYPICAL SMALL TREE PLANTING DETAIL  
(2" CALIPER OR LESS)  
NOT TO SCALE

PLANTING SCHEDULE							
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS	NATIVE SPECIES
Qp	1	Quercus palustris (shade)	Pin Oak	2 1/2" cal. 12' - 14' ht.	As Shown	B & B	Yes
Cc	1	Cercis canadensis (ornamental)	Red Bud	2 1/2" cal. 12' - 14' ht.	As Shown	B & B	Yes
Jv	1	Juniperus Virginiana (Evergreen)	Eastern Red Cedar	6'-8' ht.	As Shown	B & B	Yes
Ac	3	Ilex opaca (Evergreen)	American Holly (1 male - 2 females)	6'-8' ht.	As Shown	B & B	Yes

QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitle 29 and the Woodland and Wildlife Conservation Technical Manual.

John P. Markovich  
Licensed Forester #153  
JM Forestry Services, LLC  
11552 Timberbrook Drive  
Waldorf, Maryland 20601  
(301) 645-4977  
jpmarkovich@comcast.net



APPLICANT:  
Chesapeake Custom Homes  
1525 Pointer Ridge Place, Suite 200  
Bowie, MD 20716  
Ph.: 301-218-2218  
Attn: Greg Wilby

I, We, John P. Markovich hereby acknowledge that we are aware of this Type 2 Tree Conservation Plan (TCP2) and that we understand the requirements as set forth in this TCP2.

John P. Markovich 5/24/15  
Owner of Owner's Representative Date

M-NCPPC  
Prince George's County Planning Department  
Environmental Planning Section

APPROVAL  
Type 2 Tree Conservation Plan  
TCP II - 198 - 01

Approved by	Date
John P. Markovich	11-28-2001
<u>John P. Markovich</u>	6/11/2015

TREE CONSERVATION PLAN - TYPE 2 - DETAIL SHEET

Parcel 96  
**NORTH KEYS ROAD**  
BRANDYWINE (11th) ELECTION DISTRICT  
PRINCE GEORGES COUNTY, MARYLAND

SHEET 2 of 2

REVISIONS

JOB NO.	PG-8177
SCALE:	1" = 50'
DRAWN BY:	Martin
CHECKED BY:	Markovich
DATE:	March 17, 2015

ENGINEERS  
LAND PLANNERS  
LAND SURVEYORS

**TRDA**  
TRDA ENGINEERING CO., INC.

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