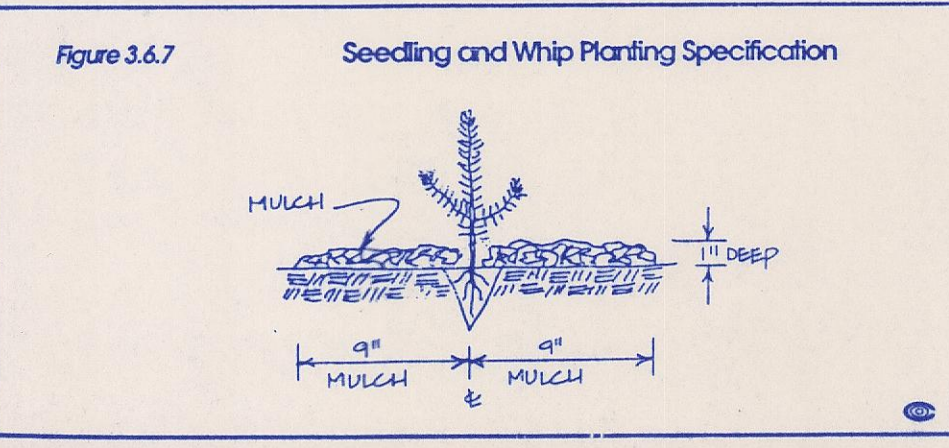


Figure 3.6.6 notes the correct method for handling seedlings in the planting field. Seedlings dry out very quickly and, once dry, often are not usable even after moistening.



Mulching newly planted seedlings is suggested as it helps the soil retain moisture and it protects the seedling from compaction and stem injury.

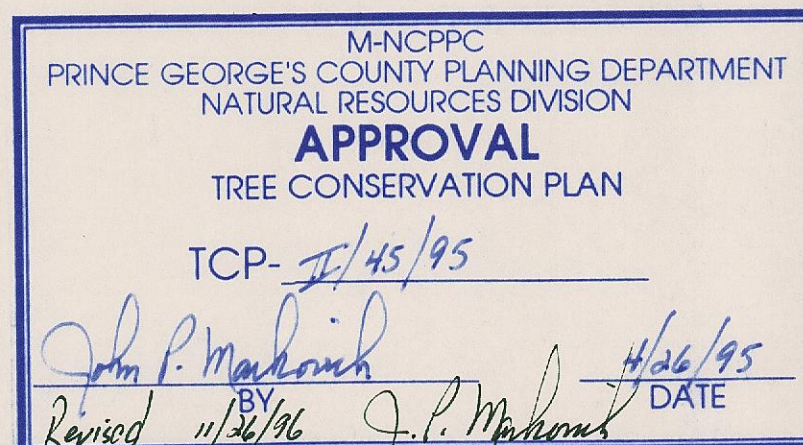
#### WOODLAND REPLACEMENT NOTES

1. Total Woodland Conservation provided = 2.98 acres.  
Woodland Preservation = 2.42 acres.  
Regeneration = 0.26 ac.  
Woodland Replacement = 0.40 acres.
2. Number of seedlings = 330.  
Number of shade trees = 22.  
Number of new trees on the site = 352.
3. Soils are gravelly with a clay base.

#### SEQUENCE OF CONSTRUCTION

1. IDENTIFY LOCATION OF TREE PRESERVATION AND REPLANTING AREAS.
2. CONTACT COUNTY AGENCIES FOR PRECONSTRUCTION MEETING AND APPROVAL OF FLAGGING OR STAKING (SEE NOTE #5).
3. INSTALL TREE PROTECTION DEVICES.
4. INSTALL PLANTINGS.
5. MONITOR TREE SURVIVAL FOR 5 YEARS.
6. REMOVE TREE PROTECTION DEVICES AFTER ONE YEAR.

#### MATCH LINE SHEET TCP-2



This plan meets the requirements of the Prince George's County Woodland Conservation and Tree Preservation Ordinance, # 05-75-1990.

*Peggy Schauburg*  
Peggy Schauburg  
Qualified Professional  
As Per Comar 08.19.06.018  
Lorenzi, Dodds & Gunnill, Inc.

key	quantity	botanical name	common name	size	remarks	plant
1	4	Acer rubrum 'October Glory'	October Glory Red Maple	2 1/2" - 3" caliper	B & B	Oct.-May
2	4	Quercus palustris	Pin Oak	2 1/2" - 3" caliper	B & B	Oct.-May
3	4	Liriodendron tulipifera	Poplar	2 1/2" - 3" caliper	B & B	Oct.-May
4	6	Pinus strobus	White Pine	6' to 8' height	B & B	Oct.-May
5	4	Cornus florida 'Dogwood'	Dogwood	6' to 8' height	B & B	Oct.-May
6	22	trees				
7	330	seedlings (to be planted between December and April only)				

REGENERATION  
WOODLAND REPLACEMENT  
WOODLAND PRESERVATION  
WIRE FENCE

WOODLAND REPLACEMENT SIGNAGE  
WOODLAND PRESERVATION SIGNAGE  
WETLANDS  
25' BUFFER  
15% SLOPES  
25% SLOPES

#### MANAGEMENT PLAN

TREES WILL BE FIELD CHECKED AS FOLLOWED:

Year 1: 3 times (March-April), (July-August), (October-November)  
Year 2-3: twice annually (April-May), (September-October)  
Year 4-5: once annually (May-September)

NOTE: THIS PLAN FOR TCP ONLY. REFER TO SITE PLANS FOR PAVING & SITE DETAILS.

DOWNER/DEVELOPER  
BERETTA U.S.A. CORP.  
11601 BERETTA DRIVE  
ACCOKEEK, MARYLAND 20607  
MR. THOMAS L. VALDES, MANUFACTURING MANAGER

PROJECT:  
BERETTA BUILDING ADDITION  
5th ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY

#### TREE CONSERVATION PLAN II

REVISIONS  
1. 6-8-95  
2. 6-5-96 Revised W.C.

DRAWN: G.M.  
CHECKED: P.S.

CONTRACT REFERENCE:  
949081

LORENZI, DODDS & GUNNILL  
ENGINEERS  
PITTSBURGH, PA.

ARCHITECTS  
BOX 3 MONTGOMERY LANE  
WILDFORD, MARYLAND 20602  
TEL: (301) 843-8955

SCALE:  
1"=50'

TCP 1  
10 OF 37



T. & B. JOHNSON  
L.4657/F.038  
TAX MAP 160/P51

BERETTA U.S.A. CORP.  
L.6243/F.042  
TAX MAP 161/P86

TOTAL SITE AREA: 18.0761 AC

NET TRACT AREA

B. ONNODT et al  
L.7031/F.028  
TAX MAP 161/P133

## PLANTING NOTES

- Planting:**
- Each plant should be fertilized at the time of planting with 4 ounces of Osmocote 19-6-12, 3-4 month slow-release fertilizer.
  - If, at the time of planting, the herbaceous vegetation is higher than 12", that area should be mowed. Care should be taken not to mow the existing woody vegetation.
  - Botanical names shall prevail over common names.
  - All plants are to be set with the top of the root system even with or slightly above the finished grade.
  - Plants shall not remain unplanted for longer than two days after delivery.
  - Plants shall be protected at all times from sun or drying winds. Plants that cannot be planted immediately on delivery shall be kept in the shade, well protected and watered.
  - Planting hole dimensions are shown on the Planting Detail.
  - No planting to be done while ground is frozen.

**Materials:**

- Plants must be healthy and vigorous. They shall be free of disease, pests, eggs, or larvae, and shall have a healthy, developed root system.
- All plant materials in transit shall be covered to keep from drying out.
- Roots shall be protected during handling and planting to guard against drying out or other damage.

- Maintenance:**
- Watering - It is the responsibility of the planting contractor to monitor the soil moisture every two weeks during the growing season over 1 year. If watering is necessary during this time, the contractor should contact the owner prior to commencing this work.
  - Maintenance shall begin immediately after each plant is planted and shall continue for one year. Upon completion of planting, the landscape contractor shall remove from the site excess soil and any other damage resulting from planting operations. Dangerous conditions shall be repaired immediately.
  - All unsuccessful transplants shall be replaced at the beginning of the second growing season. All replacements should be the same species as those they are replacing.

## TCP II NOTES

- Cutting or clearing of woodland not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$1.50 per square foot mitigation fee.
- The Forest Resources Unit of the Department of Environmental Resources (DER) must be contacted at (301) 925-6820 prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this plan.
- Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or Selective Clearing Areas) located on their lot or parcel of land and the associated fines for unauthorized disturbances to these areas. Upon the sale of the property the owner/developer or owners representative shall notify the purchaser of the property of any Woodland Conservation Areas.
- All appropriate bonds will be posted with the Building Official prior to the issuance of any permits. These bonds will be retained as surety by the Building Official until all required activities have been satisfied.
- The location of all Tree Protection Devices (TPD's) shown on this plan shall be flagged or staked in the field prior to the pre-construction meeting with the Forest Resources Unit of DER and the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD location by the Forest Resources Unit, installation of the TPD's may begin. TPD installation shall be completed prior to installation of Initial Sediment Controls. No cutting or clearing of trees may begin before final approval of TPD installation.
- Woodland Conservation - Tree Save Areas and/or Reforestation Areas shall be posted as shown at the same time as Tree Protective Device installation and/or start of reforestation activities. These signs shall remain in place until one year after completion of project.
- All tree planting for woodland replacement, reforestation or afforestation will be completed prior to June 31, 2000. Failure to establish the woodland replacement, reforestation or afforestation within the prescribed time frame will result in a failure to receive a Use and Occupancy Permit and/or a violation of the plan including the associated \$1.50 per square foot penalty unless a written extension is approved by the Forest Resources Unit of (DER).
- The Forest Resources Unit of DER shall be notified prior to soil preparation or initiation of any tree planting on this site.
- Results of survival checks for all tree planting shall be reported to the Forest Resources Unit of DER.
- Prior to the issuance on any permits the contractor responsible for soil preparation, site preparation, tree planting and tree maintenance must be identified.

Name \_\_\_\_\_  
Business Name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_

Woodland Conservation Worksheet for Non-Governmental Projects	
Zone: <u>CN</u>	Owner: <u>BERETTA U.S.A. CORP.</u>
Gross Tract: <u>18.0761</u>	Address: <u>17601 BERETTA DRIVE</u>
Floodplain: <u>0</u>	Previously: <u>ACCOCREE, MD. 20607</u>
Dedicated Land: <u>0</u>	Phone: <u>301-283-5191</u>
Net Tract: <u>18.0761</u>	Tax map: <u>161/P133</u>
Subdivision/Block/Lot: _____	Permit #: _____
Woodland Conservation Calculations:	
Existing Woodland WCT (1/5 x Net Tract): <u>3.61</u>	Net Tract (acres): <u>18.0761</u>
Smaller of a. or b. <u>3.61</u>	Floodplain (acres): <u>0</u>
Woodland above WCT (a - b): <u>0</u> if < 0	
Woodland Cleared <u>0</u>	
Smaller of c. or e. <u>0</u>	
Clearing below WCT (e - f): <u>0</u> if < 0	
Replacement (f x 0.25) <u>0</u>	
Afforestation (if applicable) (net tract x .2 - a) or (net tract x .15 - a): <u>0</u> if < 0	
Woodland Conservation Required: (c+h+i+j+g) <u>0</u>	
Woodland Conservation Provided: (acres) <u>3.61</u>	
Woodland Preservation Reforestation / Replacement Area approved for fee-in-lieu <u>0</u>	
Off-site Credits <u>0</u>	
Woodland Conservation Provided (must equal or exceed fee "a" above) <u>3.61</u>	
Additional woodland retained but not part of any requirements: <u>1.3</u> acres	
Plan Certified by: Name <u>PEGGY SCHAUMBURG</u> Address <u>LORENZI, DODDS &amp; GUNNILL</u> License <u>3170 LANSINGTON ROAD</u> <u>WILLOUGHBY, OH 44094</u> <u>QUALIFIED PROFESSIONAL</u>	
WCT is the Woodland Conservation Threshold as shown in Part 5 of the Prince George's County Woodland Conservation and Tree Preservation Policy Document.	
All entries in parentheses are mathematical formulas.	

### WOODLAND CONSERVATION AREA REFORESTATION PROJECT

SIGNAGE DETAIL

MINOPPC  
PRINCE GEORGE'S COUNTY PLANNING DEPARTMENT  
NATURAL RESOURCES DIVISION  
**APPROVAL**  
TREE CONSERVATION PLAN  
TCP- 1145/95  
John P. Mahanovich 4/16/95 DATE  
Rensel 4/16/95 J.P. Mahanovich

This plan meets the requirements of the Prince George's County Woodland Conservation and Tree Preservation Ordinance, # CG-73-1990  
Peggy Schauburg  
Qualified Professional  
As Per Contract 08.19.04.018  
Lorenzi, Dodds & Gunnill, Inc.

WOVEN WIRE FENCE, 14" X 10" GAUGE  
10' MAXIMUM BETWEEN POSTS  
8' MINIMUM FENCE POSTS SPACED 8' INTO THE GROUND  
GROMMET FOR ANCHORING BOTTOM  
SOIL MOUNDING AGAINST FILTER CLOTH  
HEIGHT OF FILTER CLOTH: 18" MINIMUM  
FILTER CLOTH: Filter X, Mfrs: TXX, Stabilinka T140N, or approved equal

**GENERAL NOTES**

- Limits of disturbance will be set as part of the review process for an approved TCP.
- The boundaries of the limits of disturbance should be staked and flagged prior to erecting the protective device.
- Anchor posts should be placed to avoid severing or damaging large tree roots.
- Fencing material should be fastened securely to the anchor posts.

**TREE PROTECTIVE DEVICE**  
FILTER CLOTH ON WIRE MESH  
TPD-25  
OPTION 1

Another post should be placed 2' (min) (center) or 2'-2' (min) at least 8' in length.  
Flagging stakes should be placed 8' (min) long and 2' (min) wide. They should be placed to the west or east.  
See Signage Detail for further information.  
Anchor posts must be placed 8' (min) into the ground and 2' (min) into the soil.  
Height of the post: 18" MINIMUM

**PROTECTIVE FENCE**  
No scale

6" MINIMUM  
3" MINIMUM  
3" MINIMUM  
8" MINIMUM  
FLOW

**CROSS SECTION**

**GENERAL NOTES**

- Limits of disturbance will be set as part of the review process for an approved TCP.
- The boundaries of the limits of disturbance should be staked and flagged prior to erecting the protective device.
- Flag posts should be placed to avoid severing or damaging large tree roots.
- The top of slope or toe of slope should always be outside of the limits of disturbance.
- All standard maintenance for earth dikes and swales apply to these details.
- All standard reclamation practices for earth dikes and swales shall apply to these details.

**TREE PROTECTIVE DEVICE**  
PERIMETER DIKE OR SWALE  
TPD-25  
OPTION 2

OWNER/DEVELOPER: BERETTA U.S.A. CORP.  
17601 BERETTA DRIVE  
ACCOCREE, MARYLAND 20607  
MR. THOMAS L. VALRISSE, MANUFACTURING MANAGER

PROJECT: BERETTA BUILDING ADDITION  
5th ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY

**TREE CONSERVATION PLAN II**

REVISIONS  
1. 6.8.95  
2. 6.5.96 Revised W.C.

DRAWN: GM  
CHECKED: PS

CONTRACT REFERENCE: 949081

SCALE: 1"=50'

LORENZI, DODDS & GUNNILL  
ENGINEERS ARCHITECTS  
PITTSBURGH, PA.

BOX 3 MONTGOMERY LANE  
WILLOUGHBY, MARYLAND 20607  
TEL: (301) 841-8255

TCP-2  
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- LEGEND**
- REGENERATION
  - WOODLAND REPLACEMENT
  - WOODLAND PRESERVATION
  - WIRE FENCE
  - WOODLAND REPLACEMENT SIGNAGE
  - WOODLAND PRESERVATION SIGNAGE
  - WETLANDS
  - 25' BUFFER
  - 15% SLOPES
  - 25% SLOPES

NOTE: THIS PLAN FOR TCP ONLY.  
REFER TO SITE PLANS FOR  
PAVING & SITE DETAILS.