

## TYPE II TREE CONSERVATION PLAN 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 Department of Environmental Resources (DER) Inspection and Code Compliance, Section (301-731-8790) must be contacted 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, of 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.
- All required off-site mitigation shall be identified on an approved TCP-II for the off site location and shall be recorded as an off site easement in the land records of Prince George's County prior to issuance of any permits for the subject property.
- The Location of all Tree Protective Devices (TPDs) shown on this plan shall be flagged or staked in the field prior to the per construction meeting with Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the inspector, installation of the TPDs 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.
- Tree protection signs should be installed and remain in place all the times.

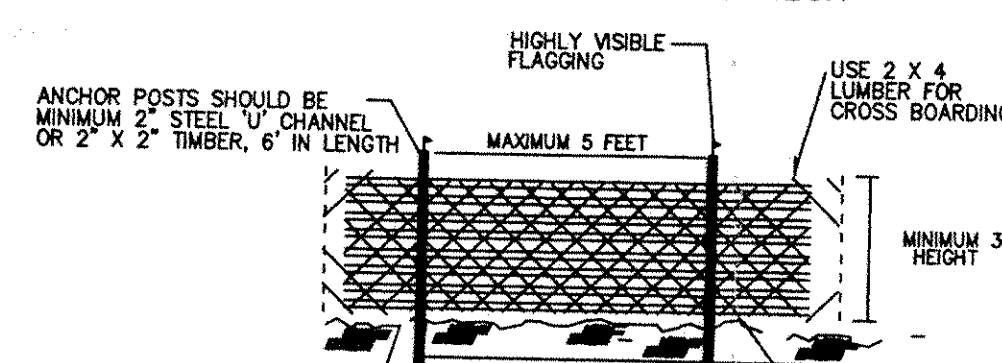
## LEGEND:

- L — LIMIT OF DISTURBANCE
- TPD TREE PROTECTION DEVICE
- ① SPECIMEN TREE SIGN SYMBOL
- ② FOREST CONSERVATION SIGN SYMBOL
- TREE ROOT PRUNE LIMITS
- WL — WETLAND LIMIT
- WB — WETLAND BUFFER
- 100-YEAR FLOODPLAIN
- FPB — FLOODPLAIN BUFFER
- EX. STREAM
- SB — 50' STREAM BUFFER
- EX. TREE LINE
- ▨ TREES INTENDED TO BE SAVED OUTSIDE OF FLOODPLAIN

## GENERAL NOTES:

- THIS TCP-II IS FOR ROUGH GRADING OF THE SITE ONLY. NO BUILDING PERMITS WILL BE ISSUED UNTIL THE TCP-II IS REVISED TO SHOW BUILDING LOCATIONS.
- WETLANDS ARE SHOWN FROM A NONTIDAL WETLAND DELINEATION PLAN CERTIFIED BY ROBIN BROWN ON 10/5/01.
- THE PROPOSED CUT AND FILL FOR THE PROPOSED ACCESS IS APPROVED UNDER FPS-880037.

## BLAZE ORANGE PLASTIC MESH



## NOTES:

- FOREST PROTECTION DEVICE ONLY.
- RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
- BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
- ROOT DAMAGE SHOULD BE AVOIDED.
- PROTECTIVE SIGNAGE MAY ALSO BE USED.
- DEVICE SHOULD BE INSTALLED PRIOR TO ALL CONSTRUCTION ACTIVITIES, MAINTAINED THROUGHOUT CONSTRUCTION, AND REMOVED AFTER ALL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

## TREE PROTECTION FENCING

LOT #	LOTS/PARCEL AREA (AC.)	EXISTING WOODLAND AREA (AC.)	WOODLAND TREE SAVE AREA (AC.)
1	22.51	2.74	0.00

## SPECIMEN TREE SCHEDULE\*

- 30.1" Mockernut Hickory in good condition
- 35.6" American Beech is hollow at east side
- 35.9" Northern Red Oak in fair condition; but has vine growth on it
- 35.2" White Oak in good condition
- 39.0" Northern Red Oak in fair condition; but has mold and rot at the base
- 32.3" Mockernut Hickory with the top broken in one section and in poor health
- 31.3" American Beech in fair condition
- 37.2" American Beech is dying with top branches broken off and covered with fungus
- 45.0" White Oak in fair condition; but is covered with vines
- 43" White Oak in poor vigor with broken branches and fungus

\* AS FOUND ON FSD PREPARED BY PDS

## DISPOSITION

- To be removed
- To be removed
- To be removed
- To be removed
- To be removed
- To be removed
- To be removed
- To be retained
- To be retained
- To be retained

Prince George's County Planning Department  
Environmental Planning Section  
APPROVAL  
TREE CONSERVATION PLAN  
TCP-II / 04/18/03  
Approved by *David Doms* Date *7/18/03*

## Woodland Conservation Worksheet

for Prince George's County

Zone:	+	-	0
Gross Tract:	22.51		
Floodplain:	13.78		
Previously Dedicated Land:	0.00		
Net Tract (NTA):	8.73	0.00	0.00

\*Include acreage in the corresponding columns for each zone.

Powder Mill Industrial Center

Property Description or Subdivision Name:

Reforestation Requirement Reduction Questions

- Is this one (1) single family lot? (y/n) ☐ N
- Are there prior TCP approvals which include a combination of this lot and/or other lots. (y/n) ☐ Y
- Is this a Mitigation Bank ☐ N
- Break-even Point (preservation) = 1.9416 acres
- Clearing permitted w/o reforestation = 2.5284 acres

## Woodland Conservation Calculations:

	Net Tract (acres)	Floodplain Impacts (acres)	Off-site (acres)
Existing Woodland	4.47	13.27	
Woodland Conservation Threshold (NTA) =	15.00%	1.3095	
Smaller of a or b		1.3095	
Woodland above WCT		3.1605	
Woodland cleared		3.61	0.27
Smaller of d or e		3.16	
Clearing above WCT (0.25 : 1) replacement requirement		0.79	
Clearing below WCT (2:1 replacement requirement)		0.45	
Afforestation Threshold (AFT) =	15.00%	0.00	
Woodland Conservation Required		2.82	

## Woodland Conservation Provided:

	(acres)	\$0.00
Woodland Preservation	0.00	
Reforestation / Replacement	0.00	
Afforestation	0.00	
Area approved for fee-in-lieu	0.00	\$0.00
Credits for Off-site Mitigation on another property	0.00	2.62
Off-site Mitigation provided on this property	2.82	
Total Woodland Conservation Provided	2.82	

Area of woodland not cleared 0.86 acres

Woodland retained not part of requirements: 0.86 acres

Prepared by:

Signed \_\_\_\_\_ Date \_\_\_\_\_

Revised 7/18/03

## REVISIONS

NO.	DATE	DESCRIPTION	INITIALS
1	8/15/04	ADDRESS COUNTY COMMENTS	JS / GTH
2	12/6/04	ADDRESS COUNTY COMMENTS	GTH
3	12/20/04	ADDRESS COUNTY COMMENTS	GTH

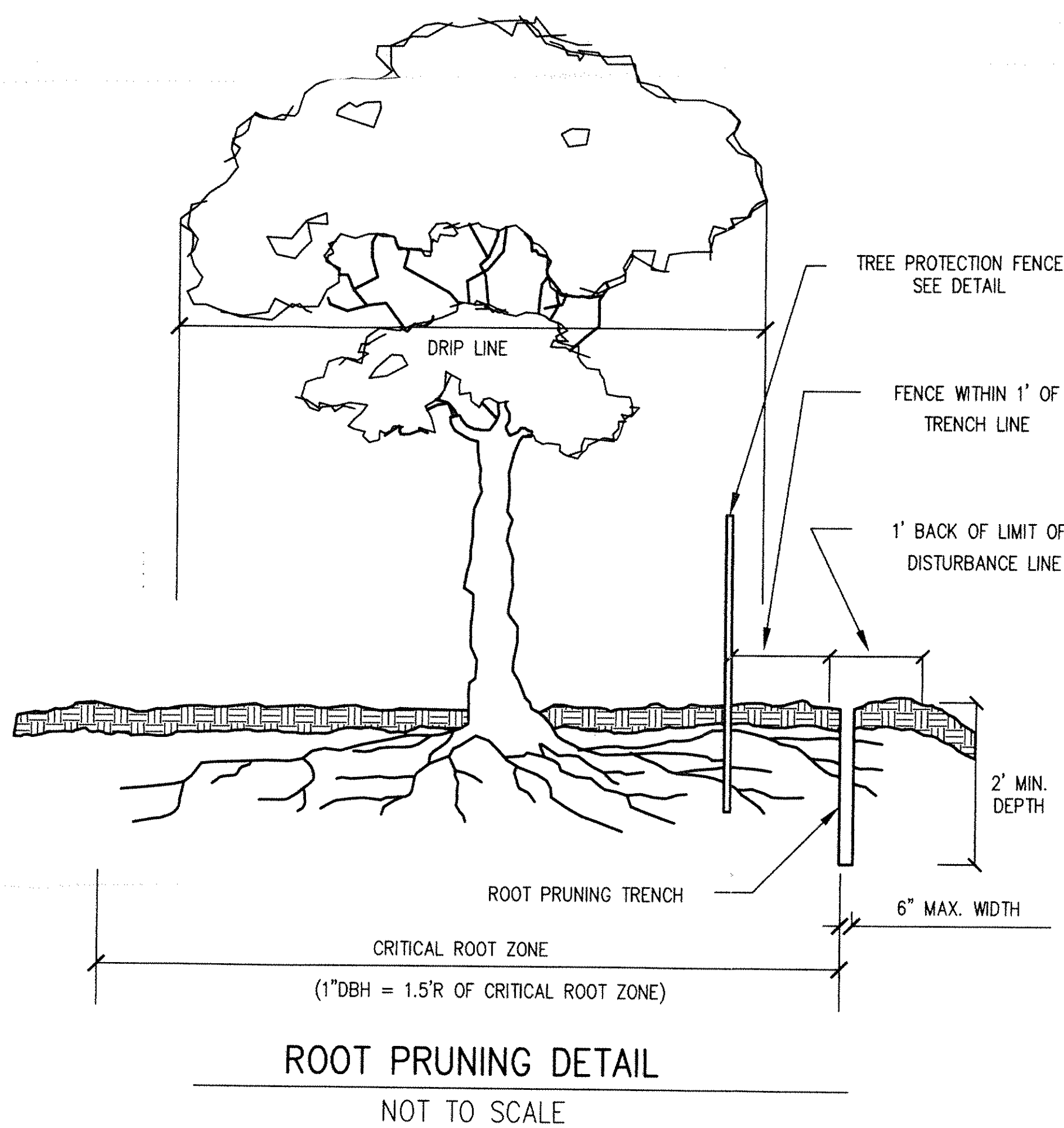
AB CONSULTANTS, INC.  
9450 ANNAPOLIS ROAD  
LANHAM, MARYLAND 20706  
PHONE: (301) 306-3091  
FAX: (301) 306-3092

CONTACT: DAVID DOMS PHONE: (301)-306-3091 x 25

TYPE II- TREE CONSERVATION PLAN  
POWDER MILL INDUSTRIAL CENTER  
VANSVILLE ELECTION DISTRICT No. 1  
PRINCE GEORGE'S COUNTY, MARYLAND

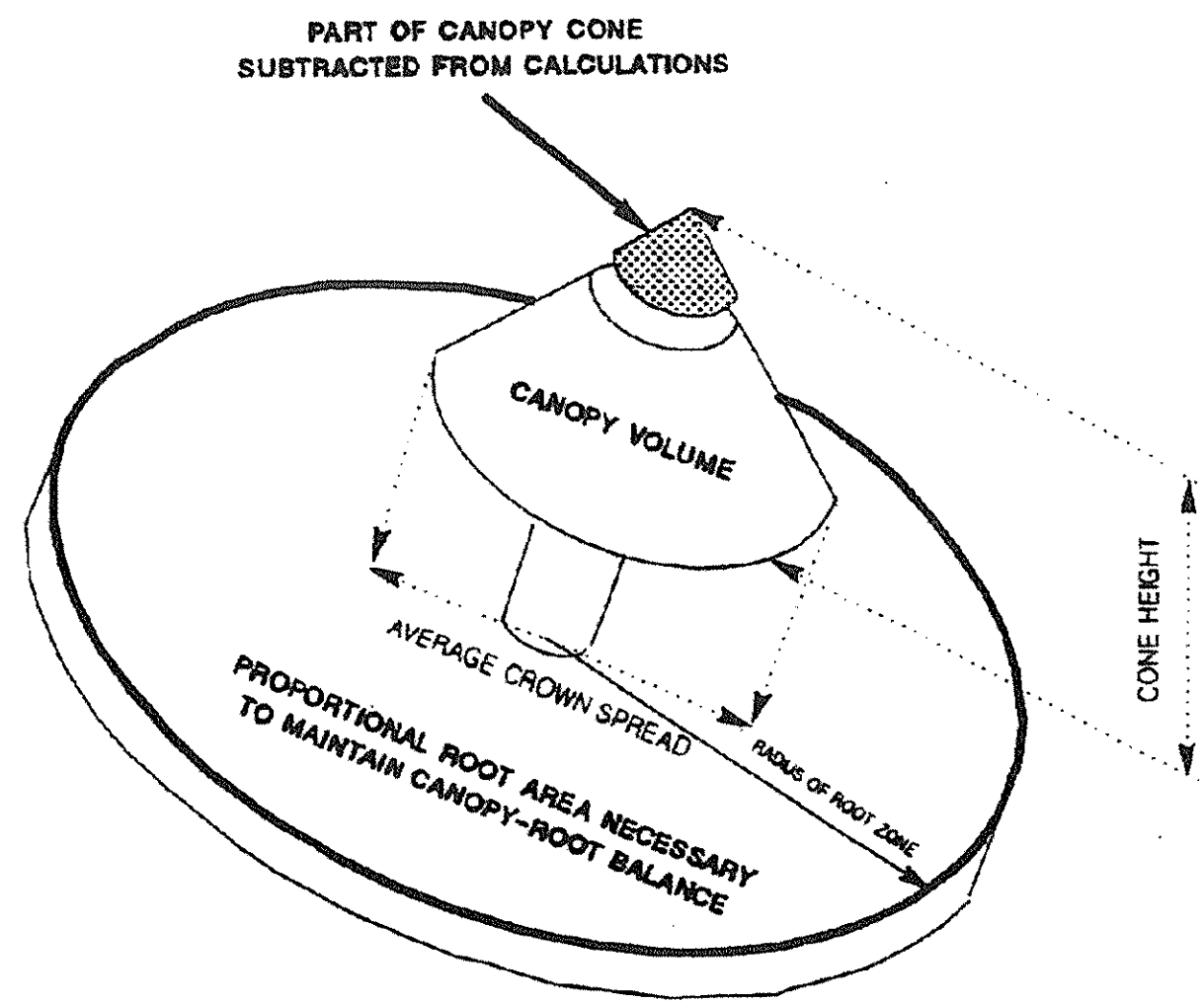
PROJECT NO.  
04-004  
SCALE: 1"=50'  
DATE: 04/18/04  
DRAWN BY: JS  
CHECKED BY: CGV  
SHEET 1 OF 2



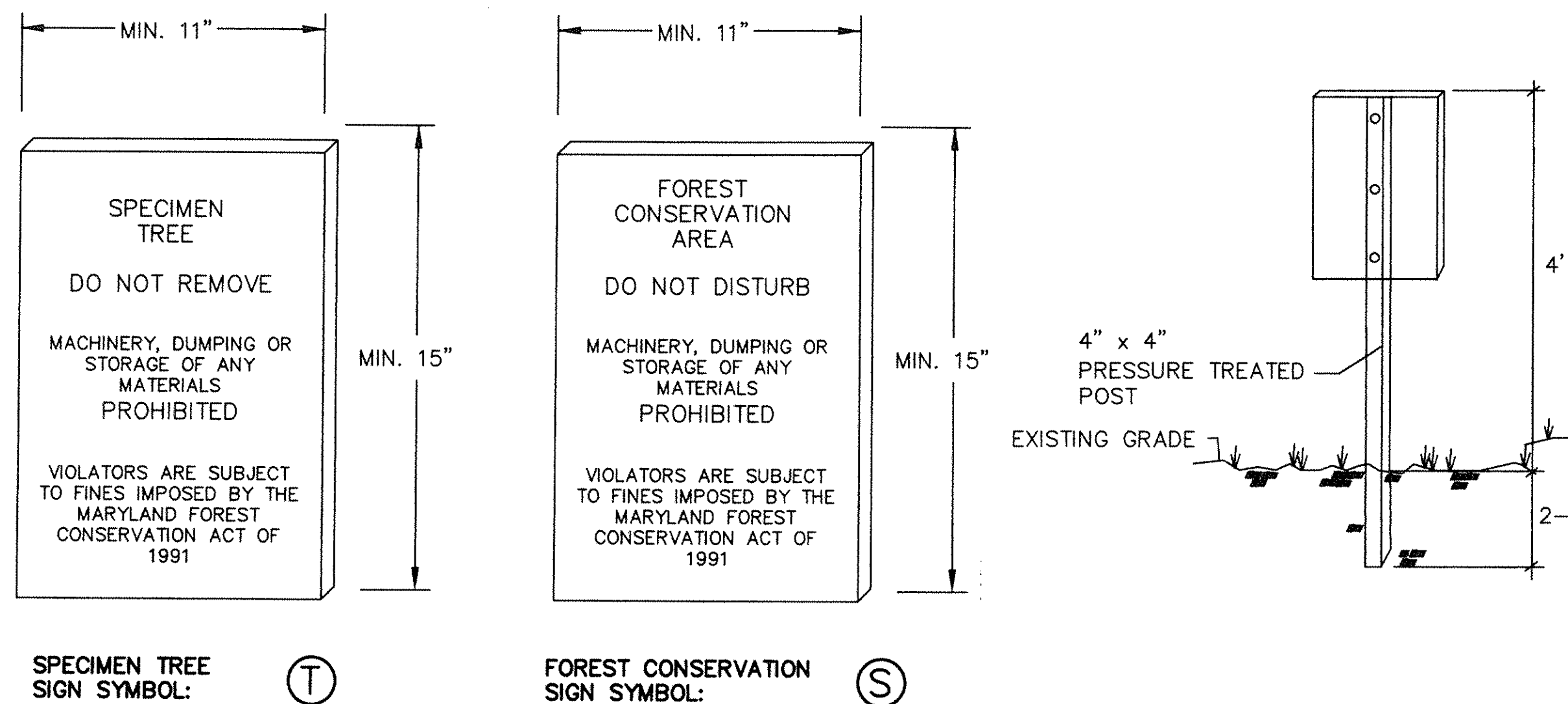


NOTE:

1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS.
2. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED AND FLAGGED PRIOR TO TRENCHING.
3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH ORGANIC SOIL.
5. ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
6. ALL TREES LESS THAN 10' FROM TRAIL REQUIRE ROOT PRUNING.



**FIGURE E-4: GENERALIZED GRAPHIC REPRESENTATION OF INFORMATION NEEDED FOR ROOT MASS RADIUS CALCULATIONS.**

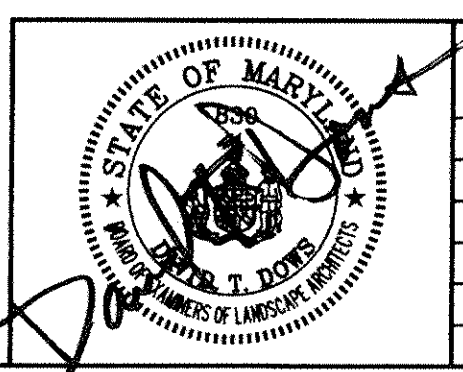


1. BOTTOM OF SIGNS TO BE HIGHER THAN TOP OF TREE PROTECTION FENCE.
2. SIGNS TO BE PLACED APPROXIMATELY 50 FEET APART. CONDITIONS ON SITE AFFECTING VISIBILITY MAY WARRANT PLACING SIGNS CLOSER OR FARTHER APART.
3. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
4. THE SIGN SHALL REMAIN IN PLACE IN PERPETUITY

#### WOODLAND FOREST CONSERVATION SIGN DETAIL

NOT TO SCALE

M-NCPPC Prince George's County Planning Department Environmental Planning Section APPROVAL TREE CONSERVATION PLAN TCP II / 3 / 04	
Approved by: <i>Jon Shirley</i>	Date: 1/1/05



REVISIONS			
NO.	DATE	DESCRIPTION	INITIALS
1	5/15/04	ADDRESS COUNTY COMMENTS	JS / GTH
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#### Removal of Hazardous Trees or Hazardous Limbs By Developers or Builders

The developer and/or builder are responsible for the complete preservation of all forested areas shown on the approved plan to remain undisturbed. Only trees or parts thereof designated by the Department Environmental Resources as dead, dying, or hazardous may be removed.

1. A tree is considered hazardous if a condition is present which leads a Licensed Arborist or a Licensed Tree Expert to believe that the tree or a portion of the tree has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.
2. If a hazardous condition may be alleviated by corrective pruning, the Licensed Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the ANSI A-300 Pruning Standards ("Tree, Shrub and Other Woody Plant Maintenance - Standard Practices").
3. Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the building or grading inspector if there is a valid grading or building permit for the subject lots or parcels on which the trees are located. Only after approval of the appropriate inspector may the tree be cut by chainsaw to near the existing ground level. The stump may not be removed or covered with soil, mulch or other materials that would prohibit sprouting.
4. Debris from the tree removal or pruning that occurs within 35 feet of the woodland edge may be removed and properly disposed of by recycling, chipping or other acceptable methods. All debris that is more than 35 feet from the woodland edge shall be cut up to allow contact with the ground, thus encouraging decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.

#### Removal of Hazardous Trees, Hazardous Limbs, Noxious Plants, Invasive Plants or Non-Native Plants in the Woodland Conservation Areas Owned by Individuals

1. If the developer or builder no longer has an interest in the property the homeowner shall obtain a written statement from the Licensed Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. The tree may then be removed by the arborist or tree expert. The stump shall be cut as close to the ground as possible and left in place. The removal or grinding of the stumps in the woodland conservation area is not permitted.
  2. The removal of noxious, invasive, and non-natives plant species from the woodland conservation areas may be done with the use of hand-held equipment only such as pruners or a chain saw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.
  3. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting of invasive, noxious, or non-native plants is permitted if done as an application of the chemical directly to the cut stump immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions.
- Note: The use of chainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of the trees.

#### Woodland Areas NOT Counted as Part of the Woodland Conservation Requirements

1. A revised Tree Conservation Plan is required prior to cleaning any woodland area which is not specifically identified to be cleared on the most recently approved Type II Tree Conservation (TCP) on file in the office of the M-NCPPC, Environmental Planning Section located on the 4th floor of the County Administration Building at 14741 Governor Oden Bowie Drive, Upper Marlboro, Maryland 20772, phone 301-952-3650. Additional mitigation will be required for the clearing of all woodlands beyond that reflected on the approved plans. Although clearing may be allowed, it may be subject to additional requirements, mitigation, and fees, which must be reflected on TCP revisions approved by the M-NCPPC Environmental Planning Section.
2. Homeowners or property owners may remove trees less than two (2) inches diameter, shrubs, and vines in woodland areas, which are saved, but not part of the Woodland Conservation requirements after all permits have been released for the subject property. This area may not be tilled or have other ground disturbances which would result in damage to the tree roots. Raking the leaves and overseeding with native grasses, native flowers or native ground covers are acceptable. Seeding with invasive grasses including any variety of Kentucky 31 fescue is not acceptable.