

## TYPE 2 TREE CONSERVATION ADDITIONAL NOTES:

Tree Preservation and Retention Notes

a. All woodlands designated on this plan for preservation are the responsibility of the property owner. The woodland areas shall remain in a natural state. This includes the canopy trees and understory vegetation. A revised tree conservation plan is required prior to clearing woodland areas that are not specifically identified to be cleared on the approved

b. Tree and woodland conservation methods such as root pruning shall be conducted as noted on this plan.

c. The location of all temporary tree protection fencing (TPFs)shown on this plan shall be flagged or staked in the field prior to the pre-construction meeting. Upon approval of the locations by the county inspector, installation of the TPFs may begin.

d. All temporary tree protection fencing required by this plan shall be installed prior to commencement of clearing and grading of the site and shall remain in place until the bond is released for the project. Failure to install and maintain temporary or permanent tree protective devices is a violation of this TCP2.

e. Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TPF installation. These signs must remain in perpetuity.

Removal of Hazardous Trees or Limbs by Developers or Builders

f. The developer and/or builder is 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 county as dead, dying, or hazardous may be removed.

g. A tree is considered hazardous if a condition is present which leads a Certified Arborist or 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.

h. During the initial stages of clearing and grading, if hazardous trees are present, or trees are present that are not hazardous but are leaning into the disturbed area, the permittee shall remove said trees using a chain saw. Corrective measures requiring the removal of the hazardous tree or portions thereof shall require authorization by the county inspector. Only after approval by the inspector may the tree be cut by chainsaw to near the existing ground level. The stump shall not be removed or covered with soil, much or other materials that would inhibit sprouting.

i. If a tree or trees become hazardous prior to bond release for the project, due to storm events or other situations not resulting from an action by the permittee, prior to removal, a Certified Arborist or a Licensed Tree Expert must certify that the tree or the portion of the tree in question has has a potential to fall and strike a structure, parking area, or other high use area and may result in personal injury or property damage then the certification is not required and the permittee shall take corrective action immediately. The condition of the area shall be fully documented through photographs prior to corrective action being taken. The photos shall be submitted to the inspector for documentation of the damage.

If corrective pruning may alleviate a hazardous condition, the Certified Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the appropriate ANSI A-300 Pruning Standards. The condition of the area shall be fully documented through photographs prior to corrective action being taken. The photos shall be submitted to the inspector for documentation of the damage.

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.

Tree work to be completed within a road right-of-way requires a permit from the Maryland Department of Natural Resources unless the tree removal is shown within the approved limits of disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.

j. Work on this project will be initiated in several phases. All temporary TPFs required for a given phase shall be installed prior to an disturbance within that phase of work.

Off-Site Woodland Conservation Notes
Prior to the issuance of the first permit f

Prior to the issuance of the first permit for the development shown on this TCP2, all off site woodland conservation required by this plan shall be identified on an approved TCP2 plan and recorded as an off-site easement in the land records of Prince George's County. Proof of recordation of the off-site conservation shall be provided to the M-NCPPC, Planning Department prior to issuance of any permit for the associated plan.

Invasive Species Notes

a. Invasive plant removal shall be completed prior to the end of November 2015 and conform to the recommendations of the invasive plant removal plan shown on the plan prepared by Eric F. Hostetter dated August 6, 2014.

b. The removal of noxious, invasive, and non-natives plant species shall be done with the use of hand-held equipment only such as pruners or a chainsaw. 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.

c. The use of broadcast spraying of herbicides is not permitted. However, the use of herbicides to discourage re-sprouting or 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 and be applied by a certified pesticide applicator.

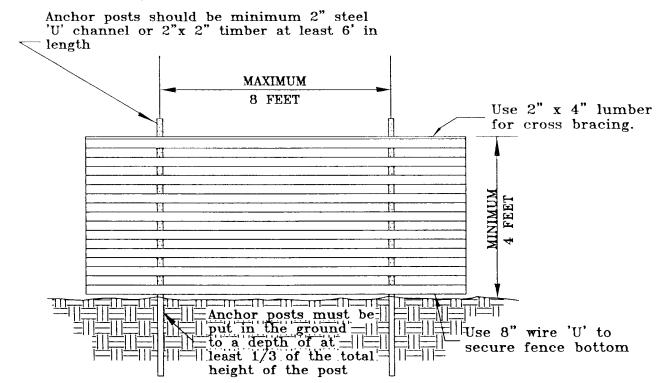
Virginia Pine Notes:

a. The subject property contains Virginia pines (*Pinus virginiana*) that are subject to wind throw. All Virginia pines greater than 6inches in diameter within 40 feet of the final proposed limit of disturbance or the boundary of the property shall be cut down by hand during the clearing of the site.

b. After the Virginia pines have been removed, the contractor responsible for implementation of this TCP2 shall submit an evaluation of the stocking levels for the residual stand, management techniques to be applied to the residual stand, and supplemental planting requirements to the M-NCPPC Planning Department. This evaluation shall be submitted prior to the issuance of the first building permit to ensure that all high risk trees have been removed. A planting schedule and/or details for the management of natural regeneration to fully restock the site must be shown on this plan.

Temporary Fence Protection Detail
For Woodland Preservation Areas

Blaze Orange Plastic Mesh



FOREST PROTECTION DEVICE ONLY.
 RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
 BOUNDARIES OF RETENTION AREA SHOULD BE STAKED

7. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

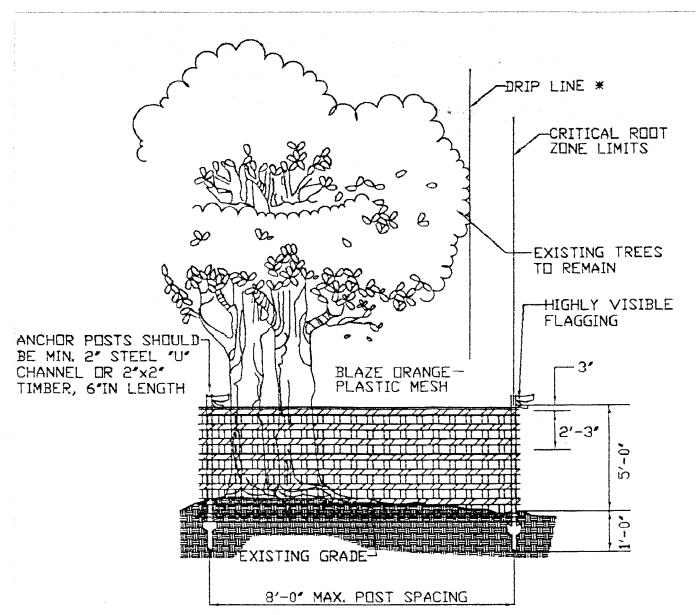
AND FLAGGED PRIOR TO INSTALLING DEVICE.

4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.

5. PROTECTIVE SIGNAGE MAY ALSO BE USED.

6. DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.

Temporary Fence Protection Detail For Woodland Preservation Areas

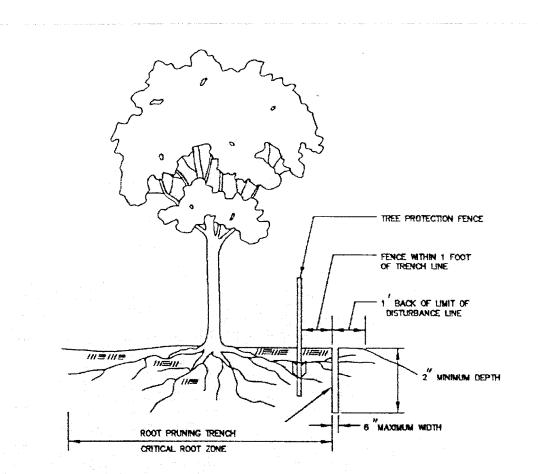


\* IN CERTAIN CIRCUMSTANCES FENCING MAY BE PERMITTED TO BE LOCATED AT THE DRIPLINE.

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.
 AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
 PROTECTIVE SIGNAGE MAY ALSO BE USED.
 DEVICE SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION.

7. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

## Root Pruning Detail



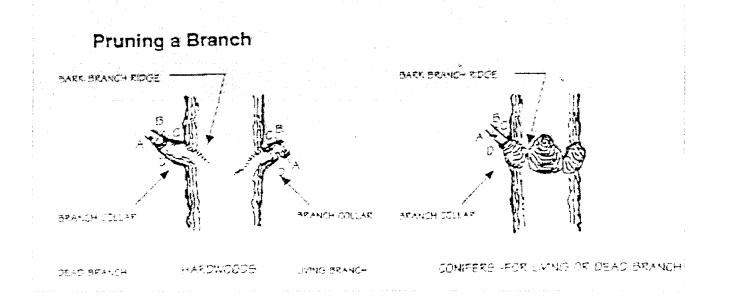
Source: Maryland State Forest Conservation Technical Manual, 3rd Edition — 1997

3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.

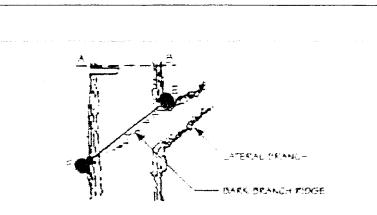
RETENTION AREAS TO BE ESTABLISHED AS PART OF THE FOREST CONSERVATION PLAN REVIEW PROCESS.
 BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED, FLAGGED AND/OR FENCED PRIOR TO TRENCHING.

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 FOLIDMENT.

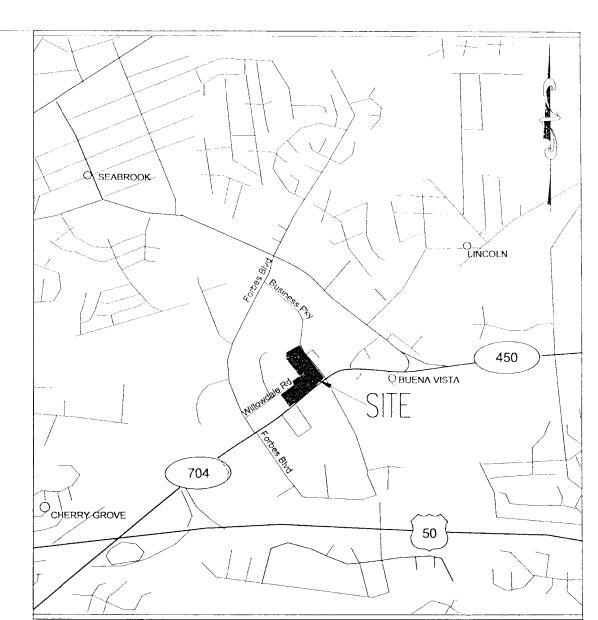
## Branch Pruning Detail



## Pruning a Leader Detail



REMOVE TOP WEIGHT BY UNDERCUTTING AT A AND REMOVE LIMB BY CUTTING THROUGH AB.
 REMOVE STUB AT EF PARALLEL TO THE BARK BRANCH RIDGE.
 ONLY PRUNE AT SPECIFIED TIMES.
 NO MORE THAN 30% OF CROWN TO BE REMOVED AT ONE TIME.
 DIAMETER OF LATERAL BRANCH SHOULD BE NO LESS THAN 30% OF THE DIAMETER OF THE LEADER.



VICINITY MAP

SCALE 1" = 2000'

Description
Address August 7, 2014 comments EFH

Street, NW

Perseus Real 1850 M Stree Suite 82

Owner:
Circle K1 Realty Inc.
6500 Kane Way

Circle K1 R 6500 Kan

AMERICA 238 B M REISTERS PHONE:

TYPE 2 TREE CONSERVATION PLAN
Washington Business Park
LOTS 31 & 32

10007 & 10100 Willowdale Road

Assessment District: 20
Lanham, MD 20706

Tax Map Grid: 044F4 WSSC Grid: 206NE09 Prince George's County Planning Department, M-NCPPC
Environmental Planning Section
TREE CONSERVATION PLAN APPROVAL
TCP2 - 016 - 14

Reason for Revision

TCP 2

SHEET NO.

TODO