

SPECIMEN TREE TABLE								
No.	Common Name	Scientific Name	DBH (inches)	Condition Rating	Post-Construction Disposition			
1	northern red oak	Quercus rubra	66	Excellent	Removed			
2	white oak	Quercus alba	36	Good	Removed			
3	white oak	Quercus alba	30	Good	Removed			
4	yellow-poplar	Liriodendron tulipifera	34	Good	Removed			
5	yellow-poplar	Liriodendron tulipifera	31	Excellent	Removed			
6	yellow-poplar	Liriodendron tulipifera	38	Good	Removed			
7*	yellow-poplar	Liriodendron tulipifera	36	Good	Retained			
8*	yellow-poplar	Liriodendron tulipifera	37	Fair	Retained			
9*	yellow-poplar	Liriodendron tulipifera	34	Fair	Retained			
10	yellow-poplar	Liriodendron tulipifera	39	Good	Removed			
11	yellow-poplar	Liriodendron tulipifera	34	Fair	Retained			
12	yellow-poplar	Liriodendron tulipifera	36	Poor	Retained			
13	yellow-poplar	Liriodendron tulipifera	31	Fair	Removed			
14	yellow-poplar	Liriodendron tulipifera	35	Excellent	Retained			
15	yellow-poplar	Liriodendron tulipifera	34	Excellent	Retained			
16	southern red oak	Quercus falcata	32	Poor	Retained			
17	white oak	Quercus alba	31	Good	Retained			
18	yellow-poplar	Liriodendron tulipifera	40	Good	Retained			
19	northern red oak	Quercus rubra	30	Excellent	Retained			
20	yellow-poplar	Liriodendron tulipifera	44	Poor	Retained			
21	yellow-poplar	Liriodendron tulipifera	34	Poor	Retained			
22	white oak	Quercus alba	32	Fair	Retained			
23	white oak	Quercus alba	38	Good	Removed			
24	white oak	Quercus alba	31	Good	Retained			
25	black oak	Quercus velutina	42	Poor	Retained			
26	yellow-poplar	Liriodendron tulipifera	30	Fair	Retained			
27	yellow-poplar	Liriodendron tulipifera	30	Poor	Retained			
28	white oak	Quercus alba	35	Good	Retained			
29	American beech	Fagus grandifolia	34	Poor	Retained			

30	American beech	Fagus grandifolia	36	Excellent	Retained
31	American beech	Fagus grandifolia	38	Excellent	Retained
32	yellow-poplar	Liriodendron tulipifera	42	Excellent	Retained
33	yellow-poplar	Liriodendron tulipifera	39	Good	Retained
34	yellow-poplar	Liriodendron tulipifera	46	Good	Retained
35	yellow-poplar	Liriodendron tulipifera	30	Fair	Removed
36	white oak	Quercus alba	36	Good	Retained
37*	yellow-poplar	Liriodendron tulipifera	38	Fair	Retained
38*	yellow-poplar	Liriodendron tülipifera	45	Fair	Retained
39	yellow-poplar	Liriodendron tulipifera	34	Excellent	Retained
40	yellow-poplar	Liriodendron tulipifera	52	Poor	Retained
41	yellow-poplar	Liriodendron tulipifera	42	Good	Retained
42	yellow-poplar	Liriodendron tulipifera	39	Excellent	Retained
43	yellow-poplar	Liriodendron tulipifera	34	Good	Retained
44	yellow-poplar	Liriodendron tulipifera	44	Excellent	Retained
45	yellow-poplar	Liriodendron tulipifera	30	Good	Retained
46	American beech	Fagus grandifolia	34	Good	Retained
47	yellow-poplar	Liriodendron tulipifera	47	Poor	Retained
48	American beech	Fagus grandifolia	30	Excellent	Retained
49	yellow-poplar	Liriodendron tulipifera	33	Fair	Retained
50	yellow-poplar	Liriodendron tulipifera	30	Good	Retained
51	yellow-poplar	Liriodendron tulipifera	51	Fair	Retained
52	yellow-poplar	Liriodendron tulipifera	38	Fair	Retained
53*	American beech	Fagus grandifolia	46	Good	Retained
54	yellow-poplar	Liriodendron tulipifera	40	Excellent	Retained
55	yellow-poplar	Liriodendron tulipifera	43	Excellent	Retained
56	yellow-poplar	Liriodendron tulipifera	39	Excellent	Retained
57	yellow-poplar	Liriodendron tulipifera	34	Excellent	Retained
58	southern red oak	Quercus falcata	30	Fair	Retained

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 TCP2. 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 permitee 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, mulch 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 permitee, 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 a potential to fall and strike a structure, parking area, or other high use area and may result in personal injury or property damage. If a tree or portions thereof are in imminent danger of striking 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 permitee 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. If development is proposed to be completed in phases:

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

k. Tree protection fencing (TPFs) is not required for all or portions of this plan because an undisturbed 100-foot buffer of open land /or a 50-foot forested buffer is being maintained between the limit of disturbance (LOD) and the woodland preservation areas. If the LOD changes and the change impacts these buffers, the county inspector shall be contacted to evaluate the change to determine if a revision to the tree conservation plan is necessary or if installation of TPFs will be required. If debris piles are noted on the FSD and located in preservation areas:

1. Debris piles shown in woodland preservation areas shall be removed by hand without the use of mechanical equipment within the preservation area. Chains may be used to pull debris out of the preservation areas. Caution must be used not to damage remaining vegetation.

EXISTING 2' CONTOUR INTERVAL EXISTING 10' CONTOUR INTERVAL

EXISTING STRUCTURE

EXISTING GRAVEL DRIVE PROPERTY LINE SOILS MAPPING

EXISTING STREAM 

25' WETLANDS BUFFER PRIMARY MANAGEMENT AREA

EXISTING TREE LINE SPECIMEN TREE, CRITICAL ROOT ZONE LIMIT OF SPECIMEN TREE LOCATION 100' FROM LIMIT OF DISTURBANCE

FIDS FOREST INTERIOR DWELLING SPECIES HABITAT BUFFER В FOREST STAND DELINEATION DATA POINT LOCATION

FOREST STAND DELINEATION STAND STAND B-2FOREST STAND DELINEATION STAND LABEL 0.0369 ACRES

> WETLANDS DELINEATION FLAG NUMBER NON-TIDAL WETLANDS

LIMIT OF DISTURBANCE LIMITS OF MARLBORO CLAY ON SITE

SPECIMEN TREE TO BE REMOVED

TREE PROTECTION FENCING FOREST CONSERVATION SIGN LOCATION

WOODLAND CONSERVATION AREA

POST DEVELOPMENT NOTES When woodlands and/or specimen, historic or champion trees are to remain:

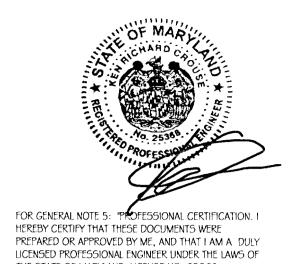
disturbance on a TCP2. The work is required to be conducted by a Licensed Tree Expert.

a. If the developer or builder no longer has an interest in the property and the new owner desires to remove a hazardous tree or portion thereof, the new owner shall obtain a written statement from a Certified Arborist or Licensed Tree Expert identifying the hazardous condition and the proposed corrective measures prior to having the work conducted. After proper documentation has been completed per the handout "Guidance for Prince George's County Property Owners, Preservation of Woodland Conservation Areas", the arborist or tree expert may then remove the tree. 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. If a tree or portions thereof are in imminent danger of striking 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 permitee 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. Tree work to be completed within a road right-of-way requires a

b. The removal of noxious, invasive, and non-native plant species from any woodland preservation area shall be done with the use of hand-held equipment only (pruners or a chain saw). These plants may be cut near the ground and 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

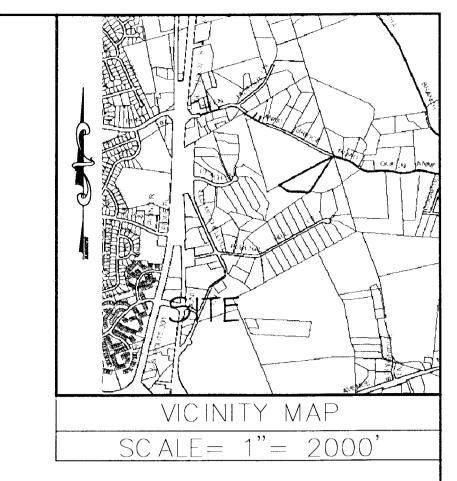
permit from the Maryland Department of Natural Resources unless the tree removal is shown within the approved limits of

c. 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. d. 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 trees.



THE STATE OF MARYLAND, LICENSE NO. 25368,

EXPIRATION DATE: JULY 14, 2016."



TCPII General Notes

1. This plan is submitted to fulfill the woodland conservation requirements for TCPII-025-2015.

2. 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 \$9.00 per square foot mitigation fee. 3. A pre-construction meeting is required prior to the issuance of grading permits. The Department of Public Works and

Transportation or the Department of Environmental Resources, as appropriate, shall be contacted prior to the start of any work on the site to conduct a preconstruction meeting where implementation of woodland conservation measures shown on this plan will be discussed in detail. 4. The developer or builder of the lots or parcels shown on this plan shall notify future buyers of any woodland conservation

areas through the provision of a copy of this plan at time of contract signing. Future property owners are also subject to this

5. The owners of the property subject to this tree conservation plan are solely responsible for conformance to the requirements contained herein.

6. The property is within the Rural Tier and is zoned OS.

7. The property is adjacent to Queen Anne Bridge Road which is a designated scenic and historic roadway. 8. The site is not adjacent to a roadway classified as arterial or greater.

9. This plan is/is not grandfathered under CB-27-2010, Section 25-117 (g).

Site Statistics		
Gross tract area	7.18	acres
Existing 100-year Floodplain	0.00	acres
Net Tract Area	7.18	acres
Existing woodland in the floodplain	0.00	acres
Existing woodland net tract	7.18	acres
Existing woodland total	7.18	acres
Existing PMA	3.09	acres
Regulated streams (linear feet of centerline)	600	linear feet

NOTE: Only specimen trees within 100' of the proposed limit of disturbance were identified on the property. A dividing line has been added to the plan to depict the approximate limit of the speciment identification. Additional specimen trees may exist outside of this area on the property.

	MAPPE	D SOIL TYP	PES		
Map Unit	Soil Description	Hydrologic Soil Group	K-factor (whole soil)	Hydric	Drainage Class
DfC	Dodon fine sandy loam, 0-2% slopes	С	0.24	1-32% Hydric	Moderately Well
MnC	Marr-Dodon complex, 2-5% slopes	В	0.20	Not Hydric	Well
WDF	Westphalia and Dodon soils, 25-40% slopes	Λ	0.17	Not Hydric	Well
WE	Widewater and Issue soils, frequently flooded	C/D	0.37	33-65% Hydric	Poorly

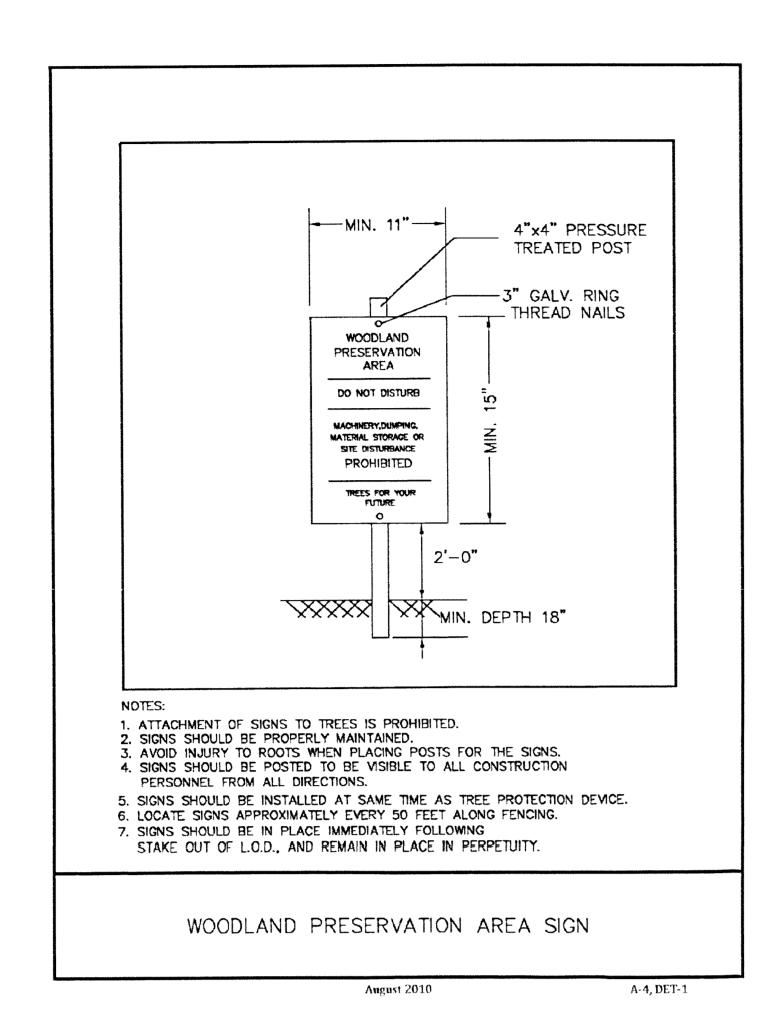
Note: Only specimen trees within 100' of the proposed limit of disturbance were identified on the property. A dividing line has been added to the plan to depict the approximate limit of the MD. NAT'L. CAP PK. & PL. COMM PRINCE GEORGE'S COUNTY specimen tree identification. MECEMIEM

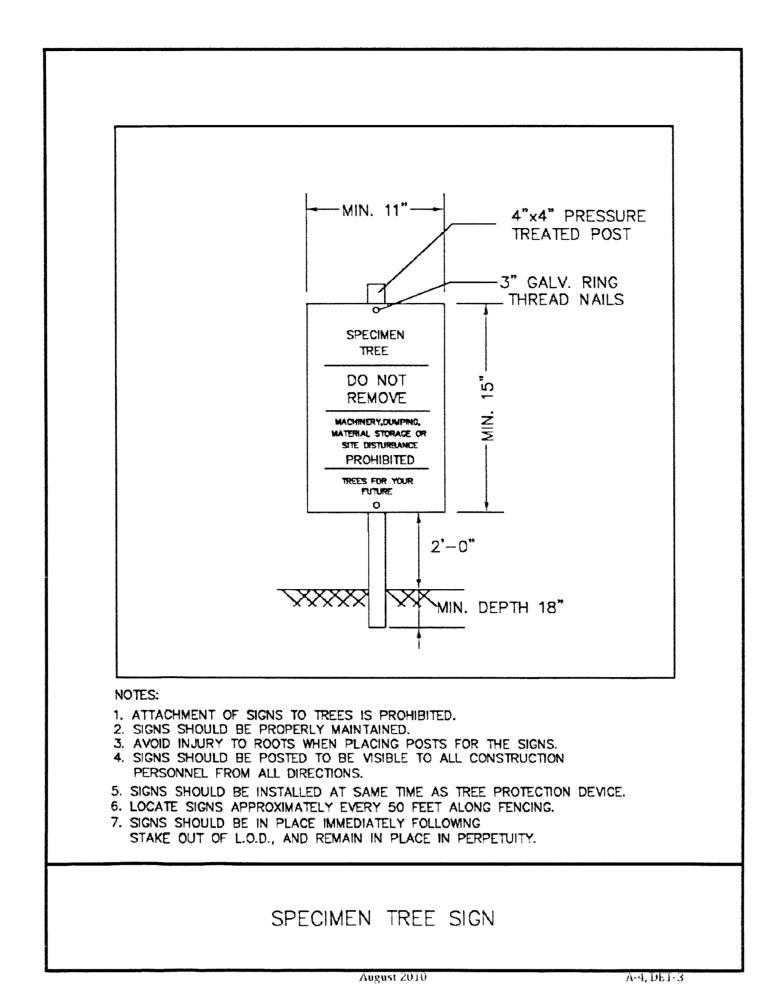
PREPARE ENVIRONMENTAL PLANNING BIVISION

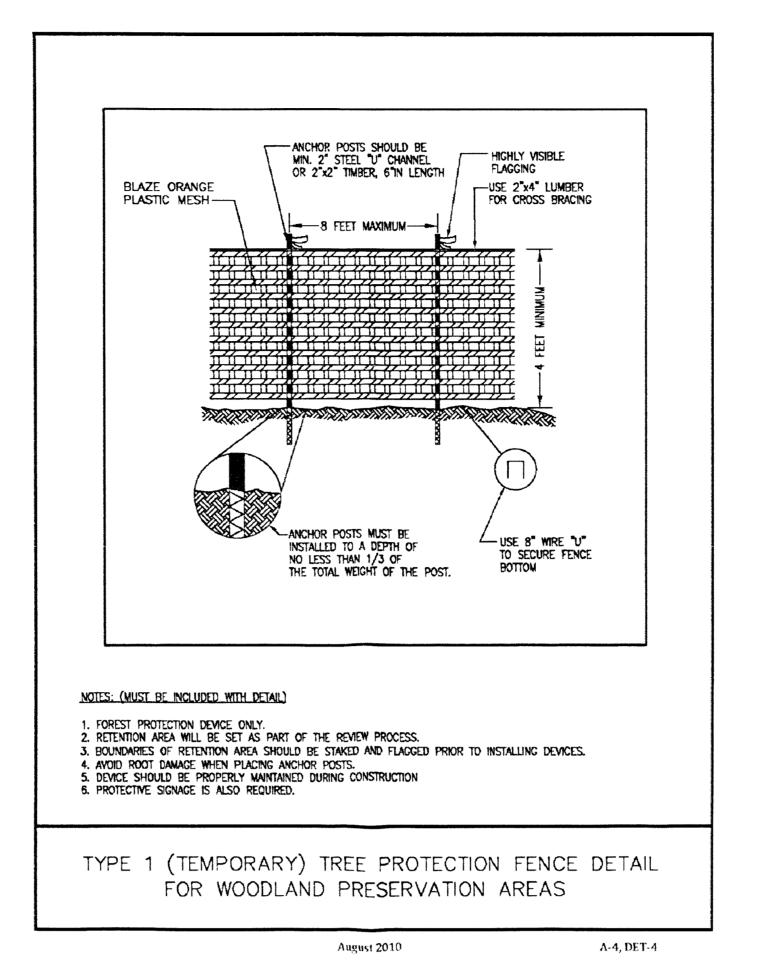
Qualified Professional Certification         This plan complies with the current requirements of Prince George's Code and the Environmental Technical Manual.         Signed:       Date:	Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2 -025-2015
Signed. 1001 C Date.	Approved by Date DRD # Reason for Revision
Kenneth R. Wallis	00 K. Show 12/4/15 N/A perm N/A
Wetland Studies and Solutions, Inc.	01
1131 Benfield Boulevard, Suite L	02
Millersville, MD 21108	03
Ph:(410) 672-5990 Fax:(410) 672-5993	04
E-mail: kwallis@wetlandstudies.com	05

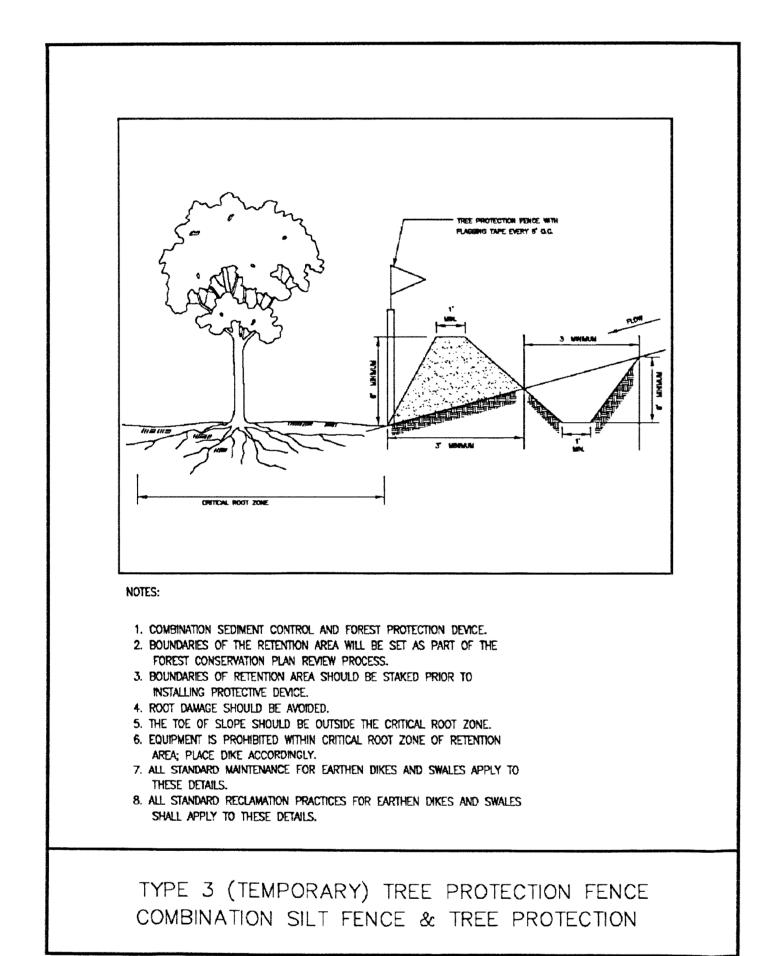
WSSC GRID NO. 203NE15 SWM CONCEPT PLAN NO. 47791-2015-C

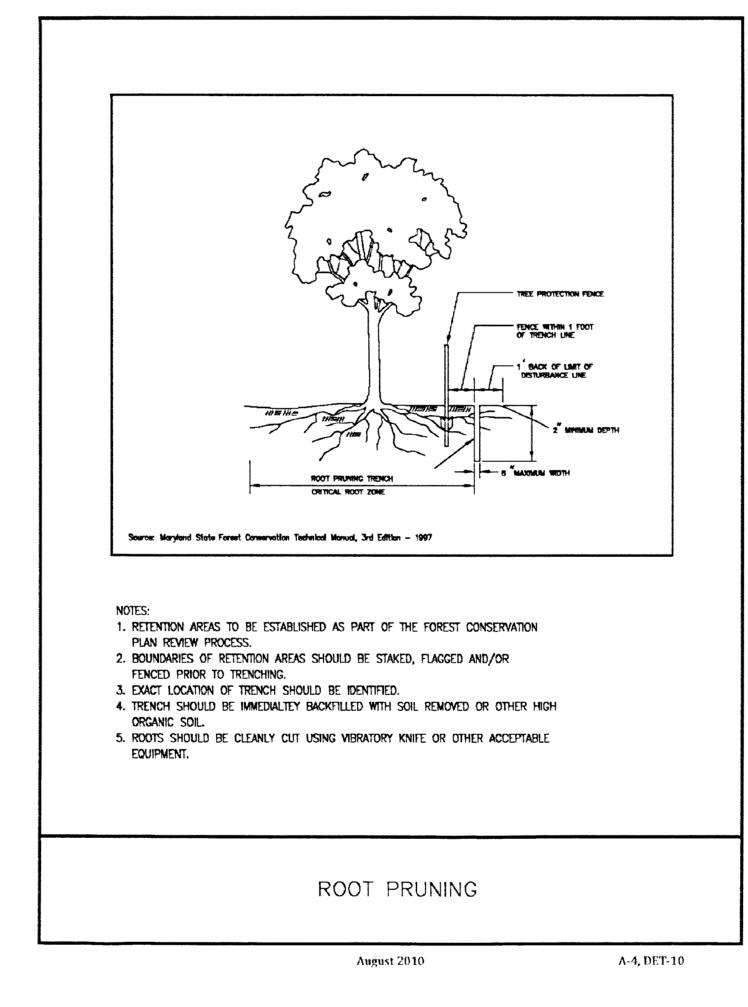
	2	PER M-NCPPC	08/06/15	CROUSE ENGINEERING, I 3215 LEONARDTOWN RO WALDORF, MARYLAND 2 240-435-4025 240-435-4018 Line 2		THATTATATATATATATATATATATATATATATATATAT	CADETTE PROPERTY 17203 Queen Anne Bridge Road, Bowie, Maryland Seventh Election District, Prince George's County, Maryland Tax Map 63, Grid F4, Lot 1	SCALE:
CALL "MISS UTILITY" AT	I	PER M-NCPPC	06/25/15	DRAWN APRIL 2015	CONTRACT 201502	DWG STATUS	TCPII	(
CALL "MISS UTILITY" AT  1-800-257-7777  48 Hours Before Start Of Construction	Revisions	Description	Date	CAD File Name: 201	502	DESIGN-1		

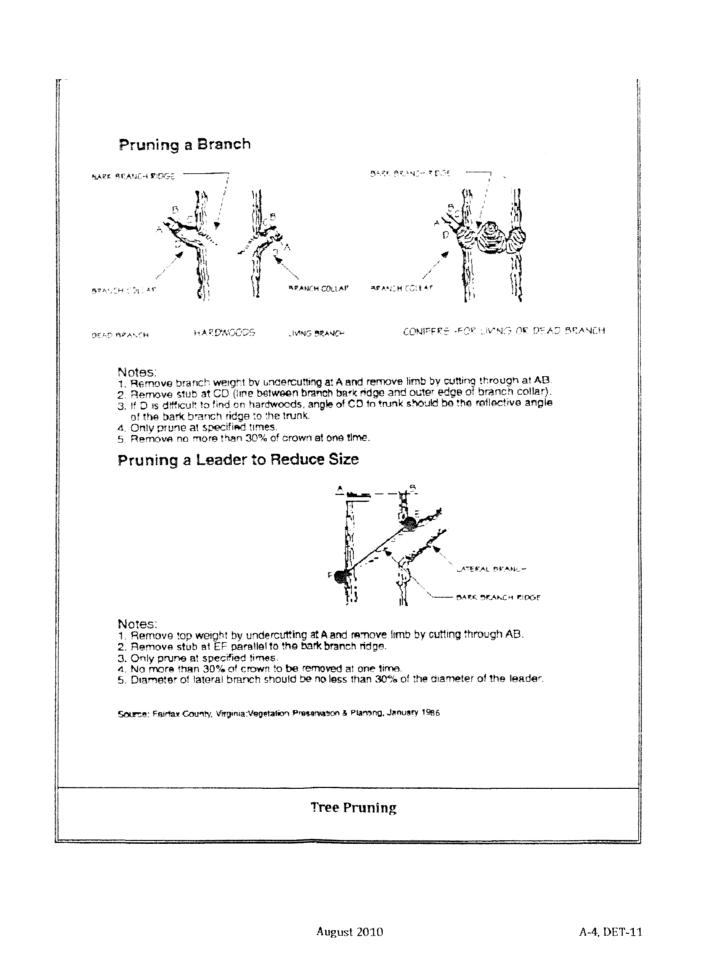


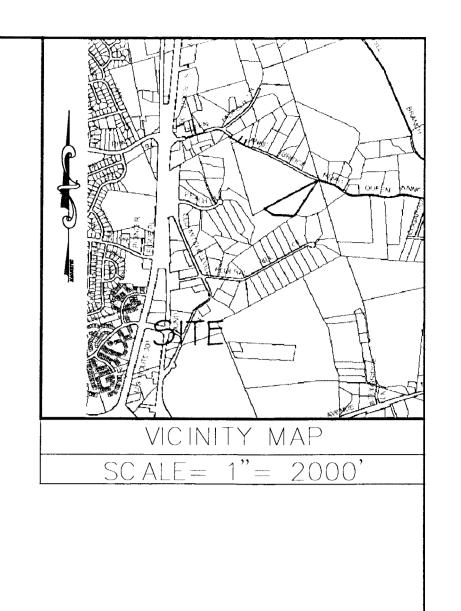












Standard Woodland Conservation Worksheet for Prince George's County Gross Tract: Floodplain: Previously Dedicated Land: Net Tract (NTA): 17203 Queen Anne's Bridge Road Property Description or Subdivision Name: Is this site subject to the 1989 Ordinance?(y/n) Is this one (1) single family lot? (y,n) Are there prior TCP approvals which include a combination of this lot/s? (y,n) Is any portion of the property in a WC Bank? Break-even Point (preservation) = Clearing permitted w/o reforestion= | SECTION II-Determining Requirements (Enter acres for each corresponding column) | Column A | Column B | Column C | Column D | WCT/AFT % | Net Tract | Floodplain | Off-Site (1:1) Impacts (1:1) Existing Woodland Woodland Conservation Threshold (WCT) = Smaller of 13 or 14 Woodland above WCT Woodland cleared Woodland cleared above WCT (smaller of 16 or 17) Clearing above WCT (0.25:1) replacement requirement Woodland cleared below WCT Clearing below WCT (2:1 replacement requirement) Afforestation Threshold (AFT) = Off-site WCA being provided on this property Woodland Conservation Required SECTION III-Meeting the Requirements Afforestation / Reforestation Natural Regeneration Specimen/Historic Tree Credit (CRZ area \* 2.0) Forest Enhancement Credit (Area \* .25) Area approved for fee-in-lieu/PFA Area approved for fee-in-lieu/non-PFA Credits for Off-site Conservation on another property Off-site WCA (preservation) being provided on this property Off-site WCA (afforestation) being provided on this property Total Woodland Conservation Provided Area of woodland not cleared 6.23 acres Net tract woodland retained not part of requirements: 2.40 acres 100-floodplain woodland retained 0.00 acres On-site woodland conservation provided 3.83 acres On-site woodland retained not credited 2.40 acres

Prepared by:

Oualified Professional Certification

This plan complies with the current requirements of Prince George's Code and the Environmental Technical Manual.

Signed: Date: 11-24-15

Kenneth R. Wallis
Wetland Studies and Solutions, Inc.
1131 Benfield Boulevard, Suite L
Millersville, MD 21108
Ph:(410) 672-5990 Fax:(410) 672-5993
E-mail: kwallis@wetlandstudies.com

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL TCP2 - 025-2015							
Approved by	Date	DRD#	Reason for Revision				
00 K. Slow	12/04/15	NIA	NA				
01							
02							
03							
04							
05							
06							

CALL "MISS UTILITY" AT

1-800-257-7777

48 Ilours Before Start Of Construction Rev

SWM CONCEPT PLAN NO. 203NE 15
SWM CONCEPT PLAN NO. 4779 1-20 15-00

CADETTE PROPERTY
17203 Queen Anne Bridge Road, Bowie, Maryland
Seventh Election District, Prince George's County, Maryland
Tax Map 63, Grid F4, Lot 1

TCPII - DETAILS AND NOTES

WSSC GRID NO. 203NE 15
SCALE: AS SHOWN

SHEET

2

OF 2