

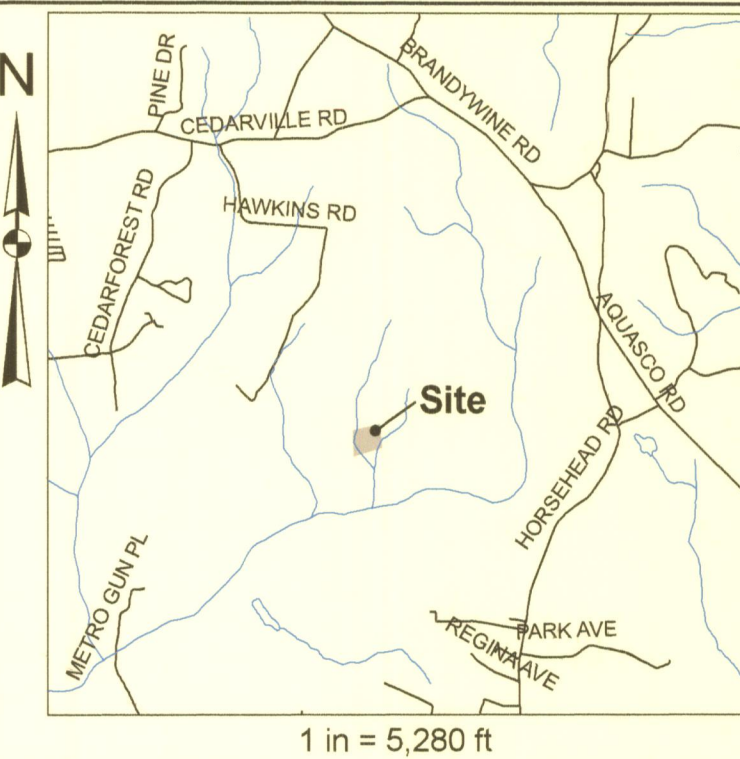
- Type 2 Tree Conservation Plan Notes**
- This plan is submitted to fulfill the woodland conservation requirements for a grading permit. If that permit expires, then this TCP2 also expires and is no longer valid.
 - Cutting or clearing woodlands not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$9.00 per square foot mitigation fee.
 - 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 pre-construction meeting where implementation of woodland conservation measures shown on this plan will be discussed in detail.
 - 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 requirement.
 - The owners of the property subject to this tree conservation plan are solely responsible for conformance to the requirements contained herein.
 - The property is within the Rural Tier and is zoned O-S.
 - The site is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway.
 - The site is not adjacent to a roadway classified as arterial or greater.
 - This plan is not grandfathered by CB27-2010, Section 25-119(g).
 - 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.
 - Tree and woodland conservation methods such as root pruning shall be conducted as noted on this plan.
 - 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 TPF's may begin.
 - 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.
 - Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TCP installation. These signs must remain in perpetuity.
- Natural Regeneration Notes**
- Areas designated for reforestation by natural regeneration shall address the following conditions:
- No turf grasses, ground covers and/or invasive species shall be planted or allowed to become established in these areas. Control measures if necessary shall utilize mechanical removal and/or a general broadcast herbicide such as "Round-Up" or equivalent on the targeted species only. Secondary application shall be applied as necessary.
 - Care shall be taken to avoid spraying any native hardwood seedlings or saplings.
 - Reforestation signs shall be installed every fifty feet or as appropriate and two strand wire fencing shall be installed along the road frontages adjacent to any reforestation areas.
 - Reforestation internal to the site shall be posted as required in the direction of any trails used to reach those areas.
 - Natural regeneration shall be encouraged by semi-annual maintenance of the designated areas. The maintenance shall, at a minimum, require removal of competitive and invasive species from the desired indigenous hardwoods. This maintenance shall occur for a period of two years.
 - After two years all desirable seedlings and saplings shall be counted individually or by an acceptable sampling method in the late fall.
 - If in two years there is less than one seedling per 60 square feet and there are indications that natural regeneration is not occurring adequately then the owners shall plant those areas with seedlings at a rate to ensure that the overall stocking level of one per 60 square feet is attained. Only naturally occurring species already present within the site shall be used.
- POST DEVELOPMENT NOTES**
- 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 portion thereof are in imminent danger of striking a structure, parking area, or other high use areas 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.
 - 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.
 - 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 plant 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 decomposition.
 - 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.
 - 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.
 - Reforestation fencing and signage shall remain in place in accordance with the approved Type 2 Tree Conservation Plan.
 - Reforestation areas shall not be moved; however, the management of competing vegetation and removal of noxious, invasive, and non-native vegetation around individual trees is acceptable.

Preliminary tree cutting of the proposed trail alignment was completed prior to the preparation of this plan. The trees were cut at approximately two (2) foot height leaving the stumps in place. It is proposed that the stumps within the 30-foot wide trail alignment reflected on this plan ultimately be removed. The stumps remaining in the Natural Regeneration areas shall be cut to near ground level and left to sprout. The resulting sprouting and natural regeneration from seed sources will re-establish the natural forest conditions.

No wheeled or tracked machinery will be allowed beyond the proposed Limits of Disturbance (LOD).

Legend

- ST-#** Specimen
- CRZ** Critical Root Zone (CRZ)
- WPA** Woodland Preservation Signs
- TPF** Tree Protection Fence Temporary (TPF)
- WPA** Woodland Preservation Area (WPA)
- NRA** Natural Regeneration Area
- WR-NC** Woodland Retained - Not Credited (WR-NC)
- WR-AC** Woodland Retained - Assumed Cleared (WR-AC)
- LOD** Limits of Disturbance (LOD)
- U** Utility Poles
- PB** Property Boundary
- C10** Contour 10-foot
- C2** Contour 2-foot
- ET** Existing Treeline
- UL** Utility Lines
- FID** FID Buffer
- SB** Stream Buffer 100-foot
- PMA** Primary Management Area (PMA)
- WB** Wetland Buffer 100-foot
- FP** Floodplain 100-year
- W** Non-tidal Wetlands
- S** Slopes > 15%



Site Information

1. Owner	John Gonzales
2. Property Address	11909 Cedarville Road Brandywine, MD 20613
3. Mailing Address	3813 Winchester Lane Bowie, MD 20715
4. Deed Information	Liber 30916 Folio 445
5. Area	10.12 acres
6. Tax Map	172, Grid F-2, Parcel 36
7. Assessment District	08
8. Planning Area	85B
9. Policy Analysis Zone	280H
10. Zoning	O-S
11. Tier	Rural
12. Green Infrastructure	Regulated & Evaluation Areas
13. WSSC Grid	223SE11
14. Election District	11
15. Council District	9
16. Watershed	Zekiah Swamp Creek
17. River Basin	Potomac
18. Floodplain	100-year Study FPS-201110
19. Proposed Use	Forest
20. ADC Map Page/Grid	40 F-9
21. Cemeteries	None
22. Historic Sites	None
23. Scenic/Historic Roads	None
24. Topography	M-NCPPC
25. Preliminary Plan	NA

Woodland Conservation Worksheet
for
Prince George's County

Zone:	O-S		
Gross Tract:	10.12		
Floodplain:	2.06		
Previously Dedicated Land:	0.00		
Net Tract (NTA):	8.06	0.00	0.00

*Include acreage in the corresponding columns for each zone.

Property Description or Subdivision Name:
Is this site subject to the 1989 Ordinance?
Reforestation Requirement Reduction Questions
Is this one (1) single family lot? (y,n)
Are there prior TCP approvals which include a combination of this lot and/or other lots. (y,n)
Is this a Mitigation Bank
Break-even Point (preservation) =
Clearing permitted w/o reforestation =

	4.78 acres	
	2.93 acres	

Woodland Conservation Calculations:

	Net Tract (acres)	Floodplain Impacts (acres)
Existing Woodland	7.69	1.90
Woodland Conservation Threshold (NTA) =	50.00%	4.03
Smaller of a or b		4.03
Woodland above WCT	3.66	
Woodland cleared	2.67	0.00
Smaller of d or e	2.67	
Clearing above WCT (0.25 : 1) replacement requirement	0.67	
Clearing below WCT (2:1 replacement requirement)	0.00	
Afforestation Threshold (AFT) =	20.00%	0.00
Afforestation Mitigation being provided on this property	0.00	
Woodland Conservation Required	4.70	

Woodland Conservation Provided:

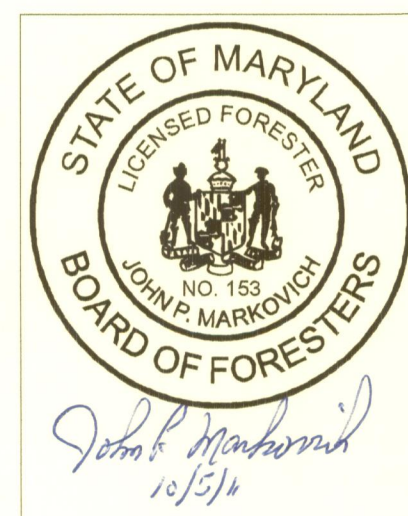
	(acres)
Woodland Preservation	4.81**
Afforestation / Reforestation	0.00
Area approved for fee-in-lieu	0.00
Credits for Off-site Mitigation on another property	0.00
Off-site Mitigation Afforestation provided on this property	0.00
Off-site Mitigation Preservation provided on this property	0.00
Total Woodland Conservation Provided	4.81

Area of woodland not cleared: 5.02 acres
Woodland retained not part of requirements: 0.21 acres

** This includes 0.88 acres on the net tract that were cut but not cleared. In addition, 0.09 acres in the floodplain were cut but not cleared. These areas are being allowed to regenerate naturally.

I/we John Gonzales 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.

Owner or owners Representative: *John P. Markovich* Date: *10/5/14*



QUALIFIED PROFESSIONAL CERTIFICATION

This complies with the current requirements of Subtitle 25 and the Environmental Technical Manual.

Signed: *John P. Markovich* Date: *10/5/14*

John P. Markovich
JM Forestry Services, LLC
11552 Timberbrook Drive
Waldorf, MD 20601
Phone: 301-645-4977
E-mail: jpmarkovich@comcast.net

M-NCPPC
Prince George's County Planning Department
Environmental Planning Section
APPROVAL
TREE CONSERVATION PLAN

TCP2- 018 - 11

Approved by: *KIFmch* Date: *10/06/14*

01 Revision	
02 Revision	
03 Revision	
04 Revision	
05 Revision	

JM Forestry Services, LLC
11552 Timberbrook Drive
Waldorf, MD 20601
Phone/FAX: (301) 645-4977

APPLICANT
John Gonzales
3813 Winchester Lane
Bowie, MD 20715
Phone: 301-518-4391

Type 2
Tree Conservation Plan

John Gonzales
Property
11th ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND

REVISIONS

DWN	JPM	Checked	JPM
Scale	1" = 50'		
Project No.	11-030		
Sheet No.	1 of 1		