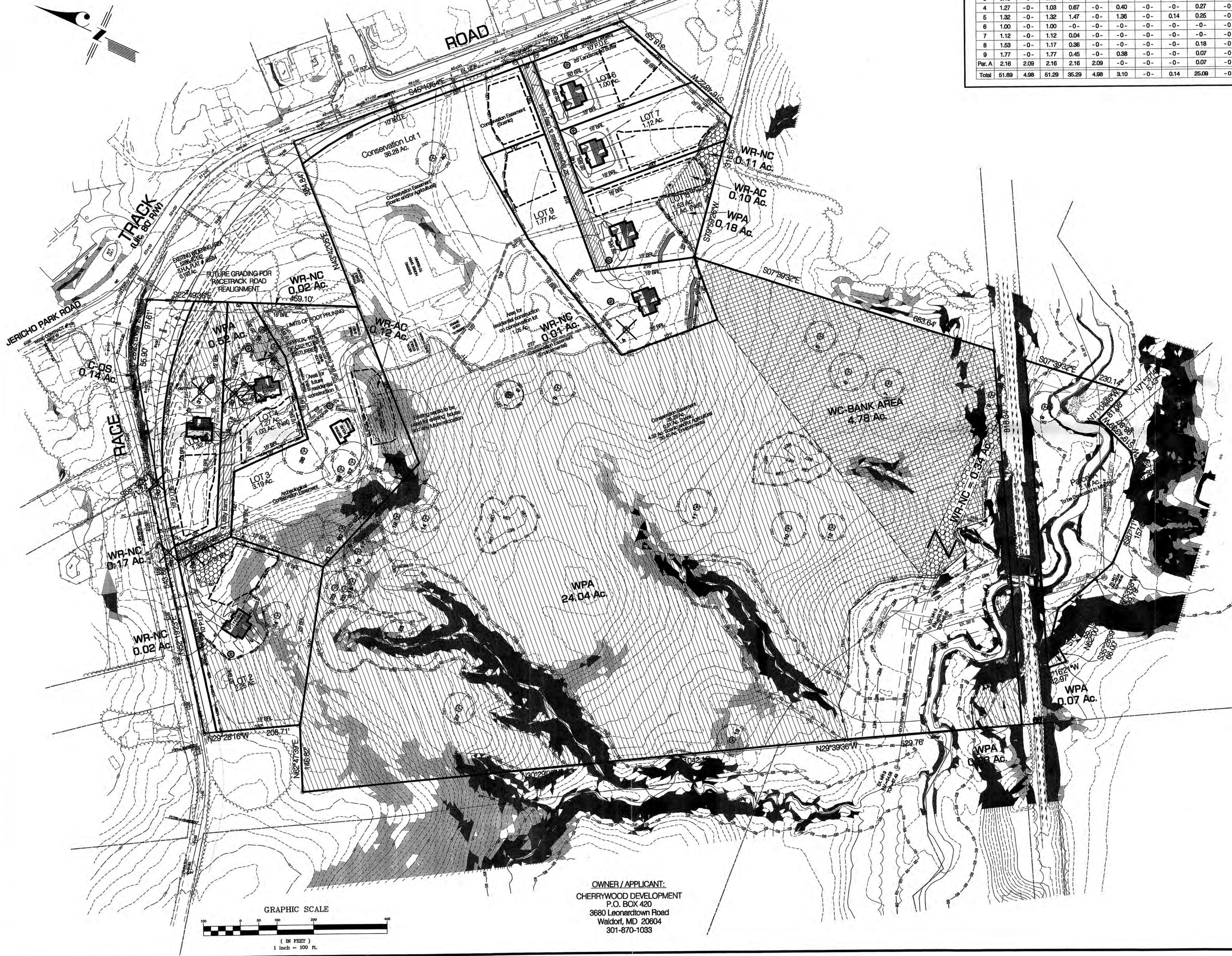
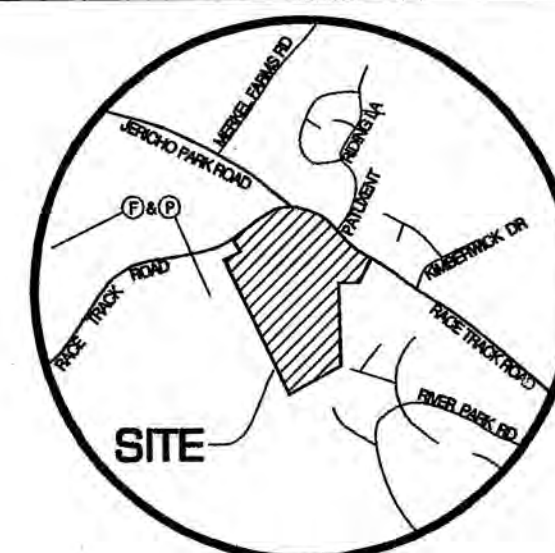


OWNER / APPLICANT:
CHERRYWOOD DEVELOPMENT
P.O. BOX 420
3680 Leonardtown Road
Waldorf, MD 20604
301-870-1033

WOODLAND CONSERVATION SUMMARY TABLE

Lot	Gross Tract Area (GTA)	100-Year Floodplain (FP)	Net Tract Area (NTA)	Existing Woodland (NTA)	Existing Woodland (FP)	Woodland Cleared Net Tract Area (C-NTA)	Woodland Cleared Floodplain (C-FP)	Woodland Cleared Off-site (C-OS)	Woodland Preservation Area (WPA)	Woodland Retained Area (WRA)	Woodland Retained Not Credited (WR-NC)	Woodland Retained Assumed Cleared (WR-AC)
1	36.28	2.89	36.28	27.20	2.89	-0-	-0-	-0-	22.41	-0-	0.35	-0-
2	2.25	-0-	2.25	2.25	-0-	0.96	-0-	-0-	1.31	-0-	0.17	-0-
3	3.19	-0-	3.19	0.89	-0-	-0-	-0-	-0-	0.63	-0-	0.03	0.12
4	1.27	-0-	1.03	0.87	-0-	0.40	-0-	-0-	0.27	-0-	-0-	-0-
5	1.32	-0-	1.32	1.47	-0-	1.36	-0-	0.14	0.25	-0-	0.01	-0-
6	1.00	-0-	1.00	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
7	1.12	-0-	1.12	0.04	-0-	-0-	-0-	-0-	-0-	-0-	0.04	-0-
8	1.63	-0-	1.17	0.36	-0-	-0-	-0-	-0-	0.18	-0-	0.07	0.10
9	1.77	-0-	1.77	0.45	-0-	0.38	-0-	-0-	0.07	-0-	-0-	-0-
Par. A	2.16	2.09	2.16	2.16	2.09	-0-	-0-	-0-	0.07	-0-	-0-	-0-
Total	51.89	4.98	51.29	35.29	4.98	3.10	-0-	0.14	25.09	-0-	0.67	0.22



VICINITY MAP
SCALE: 1" = 200'
STREET MAP 10 - GRID A-B - 67
TAX MAP 29 - GRID E-1 & 2, F-1 & 2 PARCEL 63 & 218
W.S.S.C. GRID - 211 NE 12
1.7 MILES TO CO. 19 FIRE DEPT.
9.9 MILES TO COUNTY POLICE DEPT.

LEGEND

- Existing Contour
- Existing Spot Shot
- Existing Tree Line
- Overhead Wires
- L.O.D.
- Woodland Preservation Area (WPA)
- Woodland Retained - Not Credited (WR-NC)
- Woodland Retained - Assumed Cleared (WR-AC)
- Cleared - Off-site Area (C-OS)
- Area of aeration, soil amendments
- 15% Slopes in highly erosive areas
- 25% Slopes
- Tree Protection Device
- Tree Protection Sign
- Specimen Trees w/ Critical Root Zone
- Specimen Tree to be Removed
- 100 Year Floodplain
- Wetlands
- 25' Wetlands Buffer
- Primary Management Area
- Existing Stream
- 50' Stream Buffer
- Property boundary
- Proposed Contours
- Proposed Contours for Future Road Realignment
- 65 dBA Ldn Contour

QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitle 25 and the Woodland and Wildlife Conservation Technical Manual

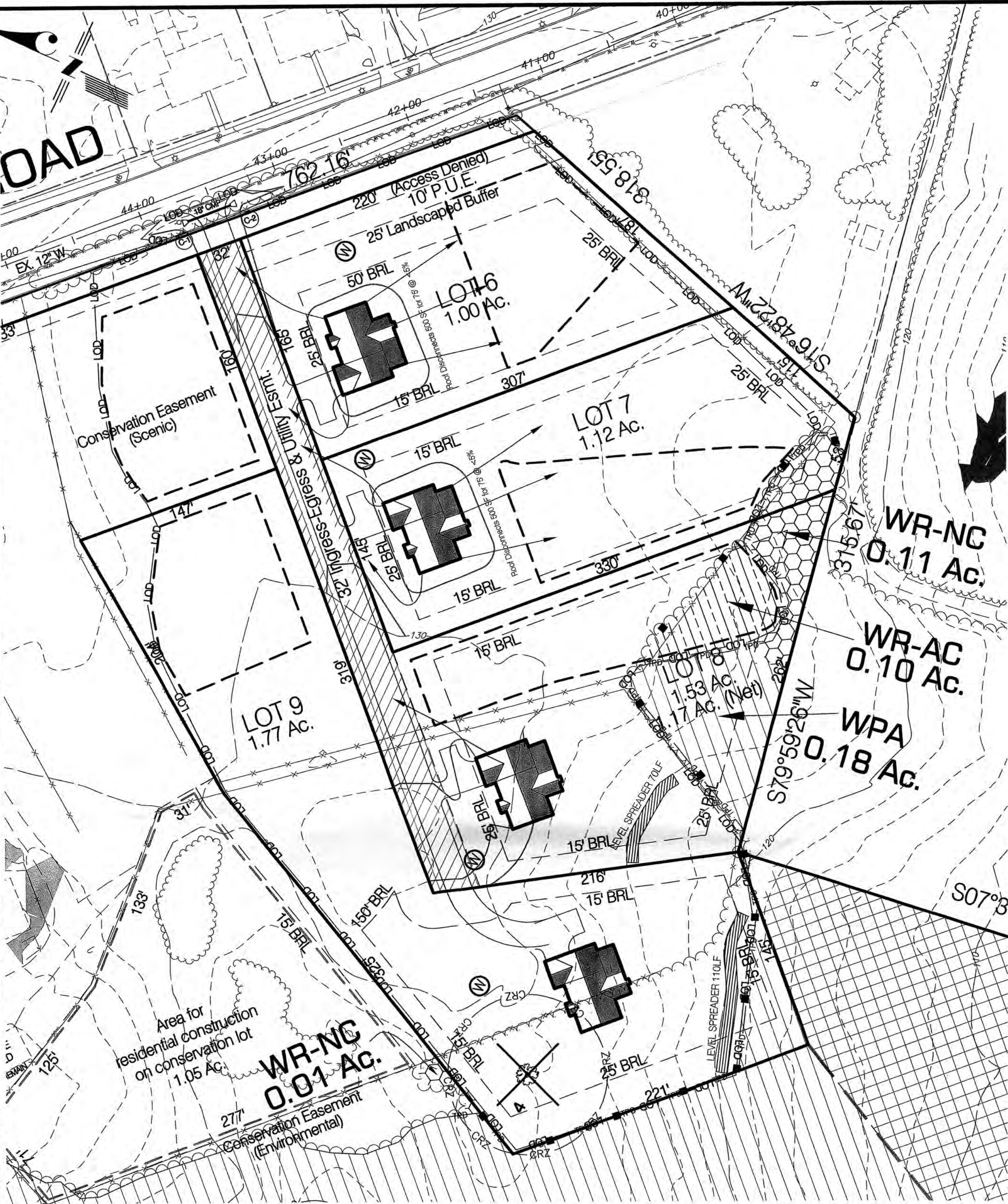
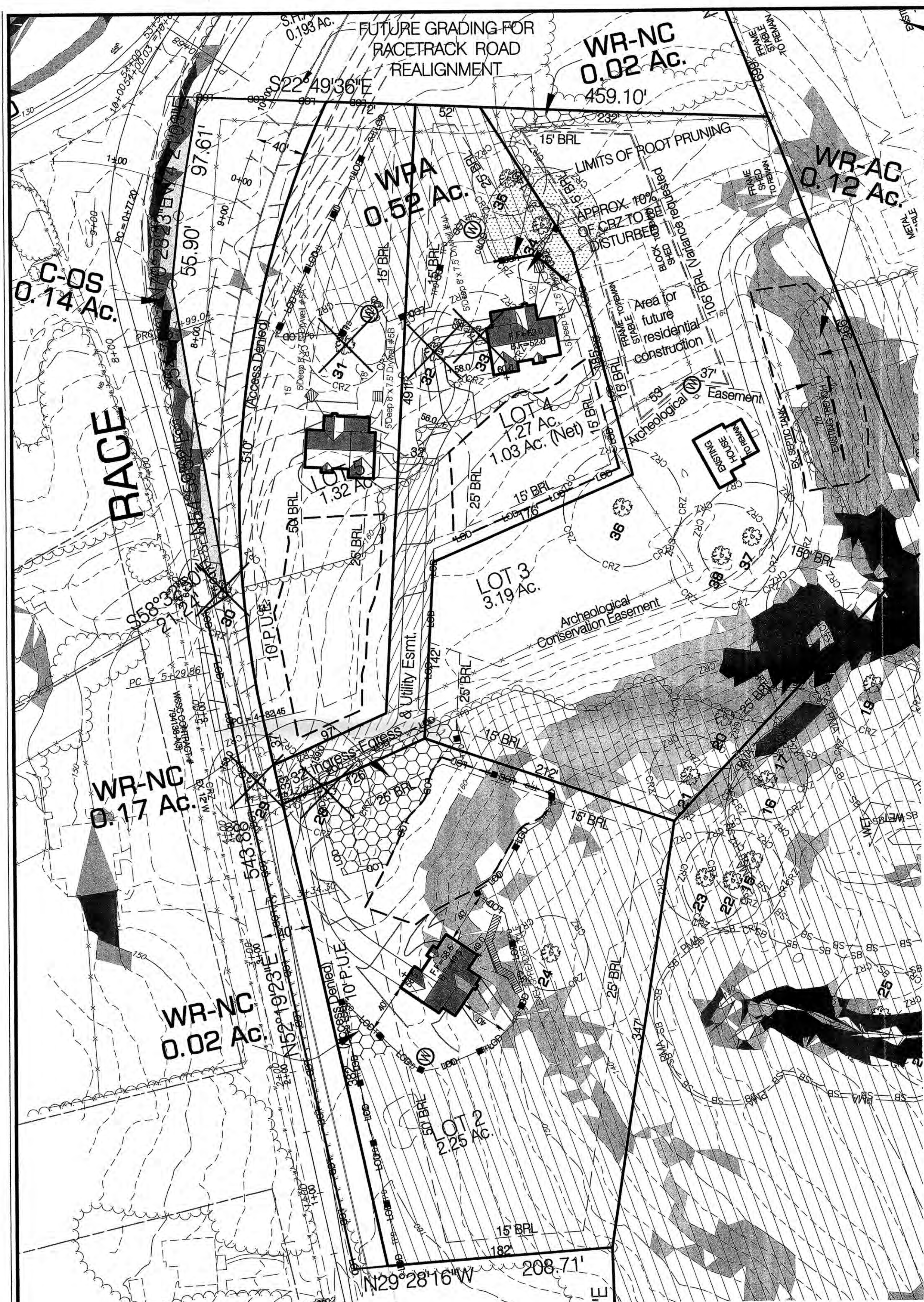
John P. Markovich 8/26/11
John P. Markovich
Licensed Forester #153
JM Forestry Services, LLC
11552 Timberbrook Drive
Waldorf, Maryland 20601
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jmarkovich@comcast.net



M-NCPPC
Prince George's County Planning Department
Environmental Planning Section

APPROVAL
Type 2 Tree Conservation Plan
TCP2-116 - 04

Approved by	Date
<i>KIPman</i>	10/17/11
01	
02	
03	
04	
05	

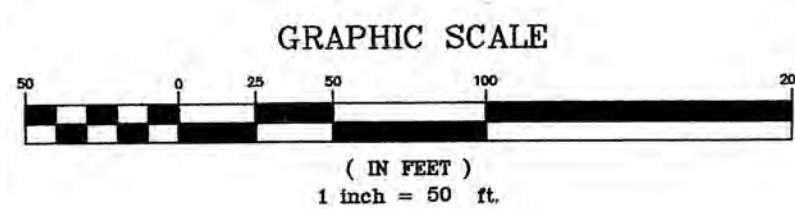


* Specimen tree #34 will require root pruning, aeration and soil amendments as shown. In addition, top pruning shall be performed by a licensed tree expert.

LEGEND

- Existing Contour
- Existing Spot Shot
- Existing Tree Line
- Overhead Wires
- L.O.D.
- Woodland Preservation Area (WPA)
- Woodland Retained - Not Graded (WR-NC)
- Woodland Retained - Assumed Cleared (WR-AC)
- Cleared - Offsite Area (C-OS)
- Area of aeration, soil amendments
- 15% Slopes in highly erodible areas
- 25% Slopes
- Tree Protection Device
- Tree Protection Sign
- Specimen Trees w/ Critical Root Zone
- Specimen Tree to be Removed
- 100 Year Floodplain
- Wetlands
- 25' Wetlands Buffer
- Primary Management Area
- Existing Stream
- 60' Stream Buffer
- Property boundary
- Proposed Contours
- Proposed Contours for Future Road Realignment
- 65 dBA Ldn Contour

OWNER / APPLICANT:
CHERRYWOOD DEVELOPMENT
P.O. BOX 420
3680 Leonardtown Road
Waldorf, MD 20604
301-870-1033



QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitle 25 and the Woodland and Wildlife Conservation Technical Manual

John P. Markovich
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jmarkovich@comcast.net

Date 8/26/11



M-NCPPC
Prince George's County Planning Department
Environmental Planning Section

APPROVAL
Type 2 Tree Conservation Plan
TCP2-118 - 04

Approved by	Date
<i>[Signature]</i>	10/17/11
01	
02	
03	
04	
05	

TYPE 2 TREE CONSERVATION PLAN

LOTS 1 - 9

COLTS NECK

BOWIE (14th) ELECTION DISTRICT

PRINCE GEORGES COUNTY, MARYLAND

GENERAL NOTES

- This plan is submitted to fulfill the woodland conservation requirements for a grading permit. If the grading permit expires, this TCP2 also expires and is no longer valid.
- Cutting or clearing of woodland not in conformance with this plan or without the express 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 property is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway.
- The property is not adjacent to a roadway classified as arterial or greater.
- This plan is grandfathered under Prince George's County Code Section 25-119(g), per CB-27-2010.

TREE PRESERVATION AND RETENTION NOTES

- 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 TPFs 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 TPF installation. These signs must remain in perpetuity.

Removal of Hazardous Trees or Limbs by Developers or Builders

- 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.
- 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.
- 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 near the existing ground level. The stump shall not be removed or covered with soil, mulch or other materials that would inhibit sprouting.
- 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 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 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 A300 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.

VIRGINIA PINE NOTES

- The subject property contains Virginia pines (*Pinus virginiana*) that are subject to wind throw.
- All Virginia pines greater than 6 inches 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.
- 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 the plan.

NOTES ON RETAINED TREES AND WOODLAND

- If the original developer or builder no longer has an interest in the property and the current owner desires to remove a hazardous tree or portion thereof, the 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 handbook "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 owner 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 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 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.

SPECIMEN TREES

A specimen tree is a tree with a diameter greater than 30 inches DBH or a diameter at least 75 percent of the diameter of the champion for that species. Forty specimen trees were identified on this property. The specimen trees were survey-located.

SPECIMEN TREE TABLE

I.D. #	SPECIES	DBH (in)	CONDITION	COMMENTS	Disposition
1	Yellow Poplar (<i>Liriodendron tulipifera</i>)	32	Fair	Top damage	Save
2	Yellow Poplar (<i>Liriodendron tulipifera</i>)	30	Fair	Top damage	Save
3	Yellow Poplar (<i>Liriodendron tulipifera</i>)	37	Good		Save
4	Red Oak (<i>Quercus falcata</i>)	56	Poor	V-fork, decay, hollow	Remove
5	Red Oak (<i>Quercus falcata</i>)	33	Good		Save
6	Yellow Poplar (<i>Liriodendron tulipifera</i>)	41	Fair	V-fork	Save
7	Yellow Poplar (<i>Liriodendron tulipifera</i>)	33	Good		Save
8	Red Oak (<i>Quercus falcata</i>)	32	Fair	V-fork, top damage	Save
9	Yellow Poplar (<i>Liriodendron tulipifera</i>)	34	Fair	Decay	Save
10	White Oak (<i>Quercus alba</i>)	37	Poor	Top damage, decay, hollow	Save
11	Yellow Poplar (<i>Liriodendron tulipifera</i>)	41	Fair	V-fork, decay	Save
12	White Oak (<i>Quercus alba</i>)	30	Good		Save
13	White Oak (<i>Quercus alba</i>)	34	Good		Save
14	Yellow Poplar (<i>Liriodendron tulipifera</i>)	31	Good		Save
15	Yellow Poplar (<i>Liriodendron tulipifera</i>)	34	Poor	V-fork, decay	Save
16	Yellow Poplar (<i>Liriodendron tulipifera</i>)	32	Poor	V-fork, decay	Save
17	Yellow Poplar (<i>Liriodendron tulipifera</i>)	42	Poor	V-fork, decay, hollow	Save
18	Red Oak (<i>Quercus falcata</i>)	32	Good		Save
19	Red Oak (<i>Quercus falcata</i>)	38	Good		Save
20	Yellow Poplar (<i>Liriodendron tulipifera</i>)	42	Fair	Top damage, decay, hollow	Save
21	Yellow Poplar (<i>Liriodendron tulipifera</i>)	33	Fair	Top damage	Save
22	Yellow Poplar (<i>Liriodendron tulipifera</i>)	41	Poor	Decay, hollow	Save
23	Yellow Poplar (<i>Liriodendron tulipifera</i>)	37	Fair	V-fork, decay	Save
24	Yellow Poplar (<i>Liriodendron tulipifera</i>)	30	Good		Save
25	Yellow Poplar (<i>Liriodendron tulipifera</i>)	41	Good		Save
26	Yellow Poplar (<i>Liriodendron tulipifera</i>)	38	Good		Save
27	White Oak (<i>Quercus alba</i>)	33	Fair	V-fork, decay	Save
28	Sweetgum (<i>Liquidambar styraciflua</i>)	34	Fair	Top damage, decay, branching	Remove
29	Red Oak (<i>Quercus falcata</i>)	38	Fair	Top damage, root damage, decay	Remove
30	White Oak (<i>Quercus alba</i>)	36	Fair	V-fork, top damage	Remove
31	Yellow Poplar (<i>Liriodendron tulipifera</i>)	33	Poor	Decay, hollow	Remove
32	Yellow Poplar (<i>Liriodendron tulipifera</i>)	31/32	Fair/Fair	V-fork, decay	Remove
33	Willow Oak (<i>Quercus phellos</i>)	35	Good		Remove
34	Willow Oak (<i>Quercus phellos</i>)	47	Good		Save
35	Willow Oak (<i>Quercus phellos</i>)	30	Fair	Root damage	Save
36	Catalpa (<i>Catalpa bignonioides</i>)	48	Poor	V-fork, top damage, root damage, branching, hollow	Save
37	Catalpa (<i>Catalpa bignonioides</i>)	44	Fair	Branching, decay	Save
38	Catalpa (<i>Catalpa bignonioides</i>)	42/38	Poor/Poor	Branching, decay, hollow	Save
39	Catalpa (<i>Catalpa bignonioides</i>)	31	Poor	Decay, hollow	Save
40	Weeping Willow (<i>Salix babylonica</i>)	35	Poor	V-fork, branching, top damage, decay	Save

Condition

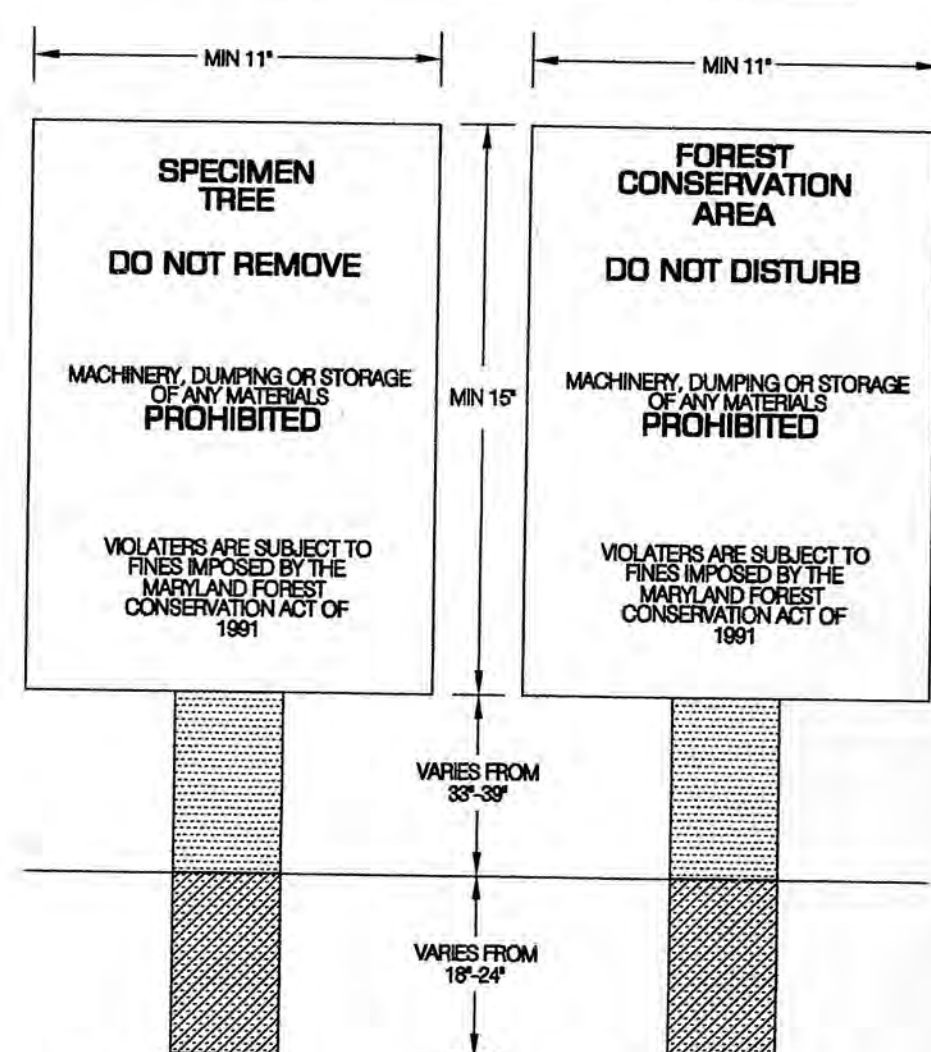
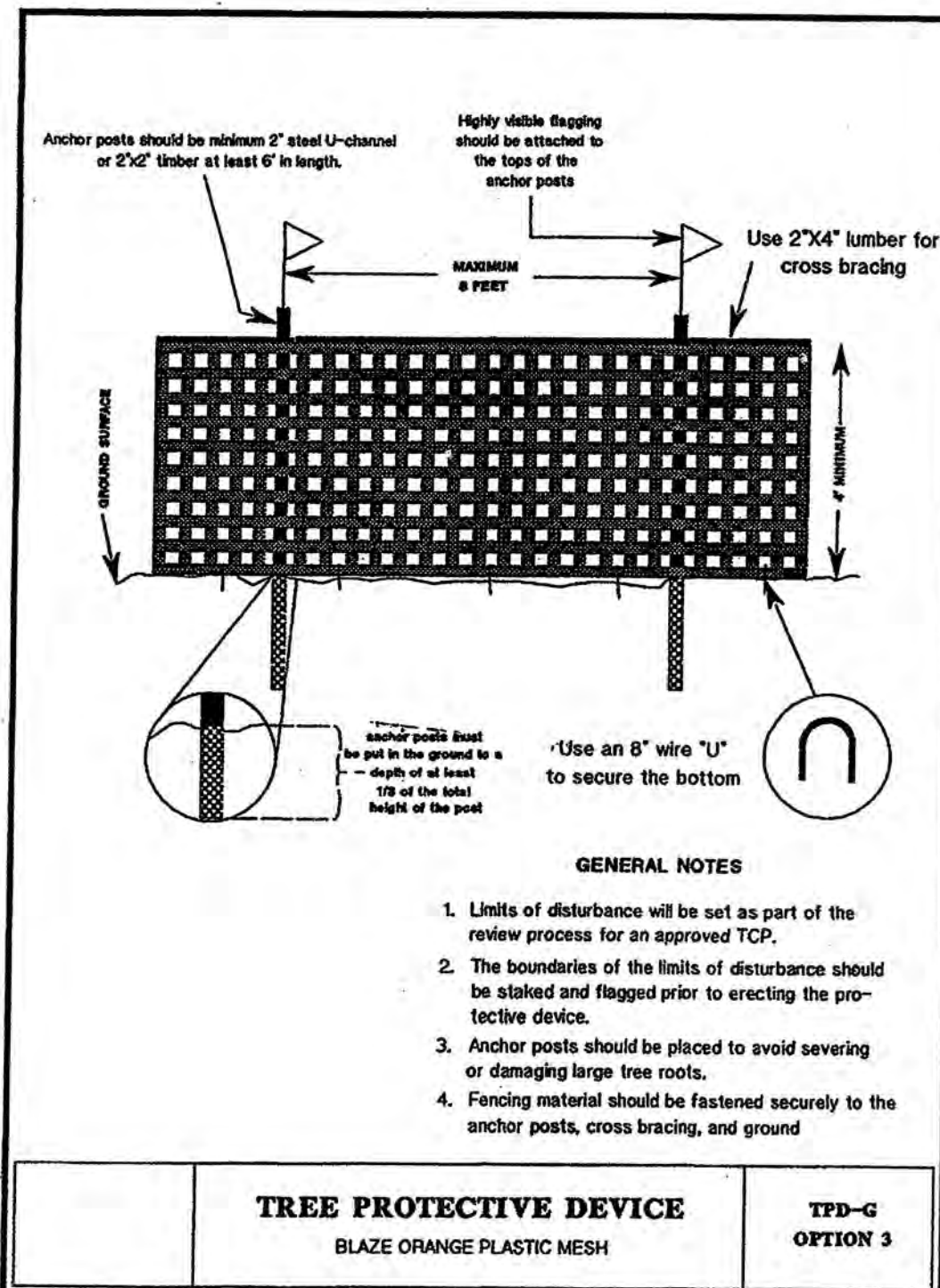
Good - The tree is generally in good health with no significant defects or problems.

Fair - The tree is in generally good health but there are some defects that may be sign of future problems with the health or stability of the tree.

Poor - The tree has defects that could result in declining health or stability issues in the immediate future. Potentially hazardous conditions noted.

LOT-BY-LOT TREE CONSERVATION TABLE

Lot #	Existing Woodland	Woodland Cleared	Woodland Conservation - Preservation	Woodland Conservation - SBNC	Future WC-Bank Area
1	27.42 Acres	0.00 Acres	22.53 Acres	0.34 Acres	4.61 Acres
2	2.25 Acres	0.70 Acres	1.31 Acres	0.16 Acres	0.00 Acres
3	0.70 Acres	0.12 Acres	0.52 Acres	0.02 Acres	0.00 Acres
4	0.67 Acres	0.39 Acres	0.26 Acres	0.02 Acres	0.00 Acres
5	1.14 Acres	0.90 Acres	0.25 Acres	0.00 Acres	0.00 Acres
6	0.00 Acres	0.00 Acres	0.00 Acres	0.00 Acres	0.00 Acres
7	0.04 Acres	0.00 Acres	0.00 Acres	0.00 Acres	0.00 Acres
8	0.35 Acres	0.14 Acres	0.14 Acres	0.04 Acres	0.00 Acres
9	0.46 Acres	0.46 Acres	0.00 Acres	0.07 Acres	0.00 Acres
P *A	0.07 Acres	0.00 Acres	0.00 Acres	0.00 Acres	0.00 Acres
RW	0.53 Acres	0.53 Acres	0.00 Acres	0.12 Acres	0.00 Acres
Total	33.63 Acres	3.24 Acres	25.01 Acres	0.77 Acres	4.61 Acres
Off-site		0.14 Acres	0.00 Acres	0.00 Acres	0.00 Acres



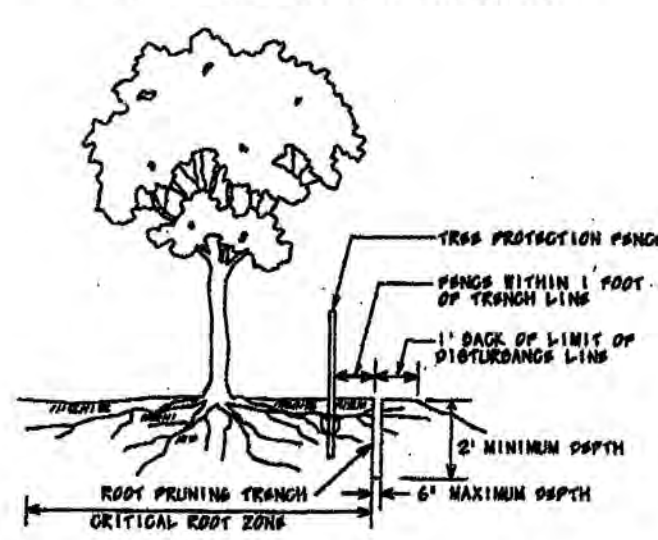
- NOTES:
1. SIGN SHALL BE POSTED ON A RAINWATER TREATED POST.
 2. THE POST SHALL BE INSTALLED AT A DEPTH OF 36 TO 48 INCHES.
 3. SIGNS SHALL BE SPACED AT APPROXIMATELY 50 FEET INTERVALS OR AT A LESSER OR GREATER SPACING DEPENDING ON THE RESULTS OF FIELD SURVEYS.
 4. ALL POSTS SHALL BE SET TO REST WITH NO LESS THAN 2 GALVANIZED NAILS OR SCREWS.
 5. SIGNS SHALL BE ATTACHED TO POST WITH NO LESS THAN 2 GALVANIZED NAILS OR SCREWS.

SIGN DETAIL

N.T.S.

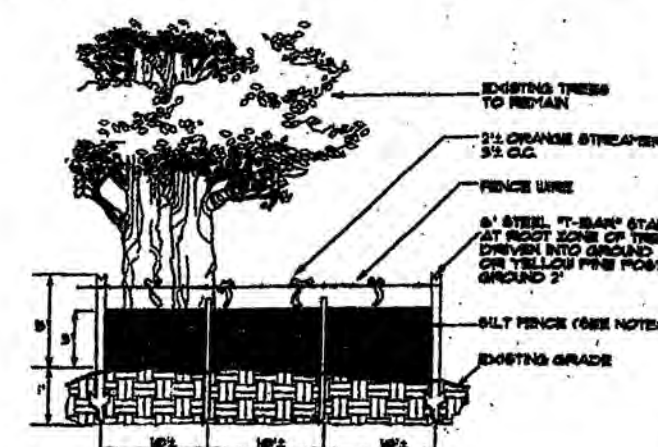
Root Pruning

ROOT PRUNING TO TAKE PLACE AT SPECIMEN TREE LOCATIONS &/OR SENSITIVE TREE AREAS



- NOTES:
1. Operation Area will be set as part of the review process.
 2. Boundaries of Operation Area should be staked and flagged prior to trenching.
 3. Exact location of trench should be marked.
 4. Trench should be immediately backfilled with soil removed or other high organic soil.
 5. Roots should be clearly cut using vibratory shovels or other acceptable equipment.

Source: City of Baltimore - MD City Tree Survey and the MD DNR Forest Conservation Manual 1991



- NOTES:
1. Slit fence to be located into the soil.
 2. Slit, where shown, shall be for tree protection only.
 3. Boundaries of Operation Area shall be established as part of the forest conservation plan review.
 4. Boundaries of Operation Area should be staked and flagged prior to installing device.
 5. Avoid root damage when placing anchor posts.
 6. Devices should be properly maintained throughout construction.
 7. Provider signs on site required, see Figure C-8.
 8. Locate fence outside the Critical Root Zone.

Source: Adapted from Steve Clark & Associates/ACRY, Inc.

Slit Fence and Tree Protection

Figure C-8

QUALIFIED PROFESSIONAL CERTIFICATION

This plan complies with the current requirements of Subtitle 25 and the Woodland and Wildlife Conservation Technical Manual

John P. Markovich 8/26/11
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PROPERTY OWNERS AWARENESS CERTIFICATE

I/we, _____ 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 _____ Date _____

I/we, _____ 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

Contract purchaser _____ Date _____

M-NCPPC Prince George's County Planning Department Environmental Planning Section

APPROVAL Type 2 Tree Conservation Plan TCP2- 116 - 04

Approved by:	<i>[Signature]</i>	Date:	8/17/2011
01			
02			
03			
04			
05			

TYPE 2 TREE CONSERVATION PLAN

LOTS 1 - 9

COLTS NECK

BOWIE (14th) ELECTION DISTRICT

PRINCE GEORGE'S COUNTY, MARYLAND

