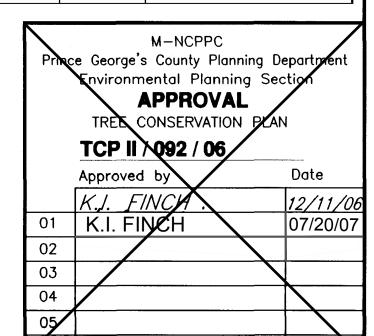


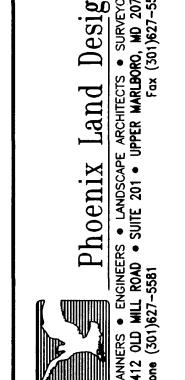
The topographic base map was prepared using aerial topography. The source of the property boundaries on this plan was prepared using a boundary survey conducted by Phoenix Land Design Inc. Non-tidal wetlands were flagged by others & surveyed by Phoenix Land FPS-200473, as conducted by Prince George's County, Department

| Property Description or Subdivision Name   | MISSOURI ACRES                 |     |
|--|--------------------------------|-----|
| combination of this lot and/or other lots. (y,n)   | N                              |     |
| 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 TCP/76/9                     | 95  |
| Is this a Mitigation Bank  | N                              |     |
| Break-even Point (preservation) =  | 8.73 acres                     |     |
| Clearing permitted w/o reforestation =   | 15.14 acres                    |     |
| Woodland Conservation Calculations:  | Net Tract Floo<br>(acres) (acr | •   |
| Existing Woodland  | 23.87 11.                      | .54 |
| Woodland Conservation Threshold (NTA)=   | 20.00% 4.94                    |     |
| Smaller of a or b<br>Woodland above WCT  | 4.94<br>18.93                  |     |
| Woodland cleared   | 14.62 0.0                      | 00  |
| Smaller of d or e  | 14.62                          |     |
| Clearing above WCT (0.25:1) replacement requirement  | 3.66                           |     |

| woodana oonoo totton maqamaa.                       | 0.00    |
|---|---------|
| Woodland Conservation Provided:                     | (acres) |
| Woodland Preservation                               | 8.60    |
| 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 provided on this property       | 0.00    |
| Total Woodland Conservation Provided                | 8.60    |

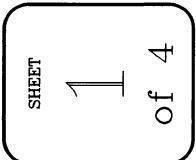
| Prince George's County Planning Department, M-NCPPC Environmental Planning Section TREE CONSERVATION PLAN APPROVAL |              |            |                   |                      |  |
|--|--------------|------------|-------------------|----------------------|--|
|  | Approved by  | TCP2 Date  | 2-092-06<br>DRD # | Reason for Revision  |  |
| 00   | K.I. Finch   | 12/11/2006 | NA                | Staff Level Approval |  |
| 01   | K.I. Finch   | 7/20/2007  | NA                | Staff Level Revision |  |
| 02   | Kim A. Finch | 9/24/2019  | NA                | Staff Level Revision |  |
| 03   |              |            |                   |                      |  |
| 04   |              |            |                   |                      |  |
| 05   |              |            |                   |                      |  |
|  |              |            |                   |                      |  |

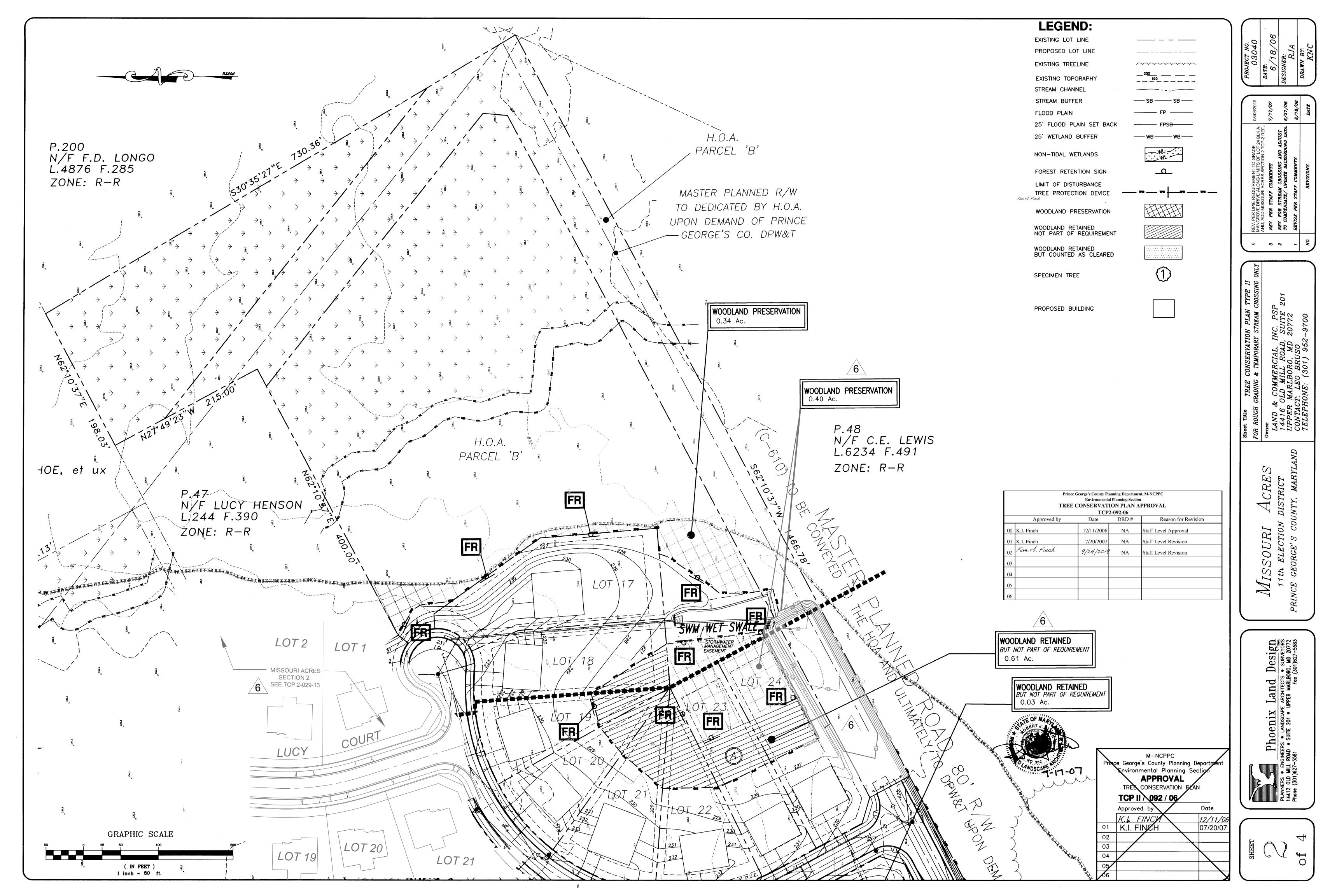


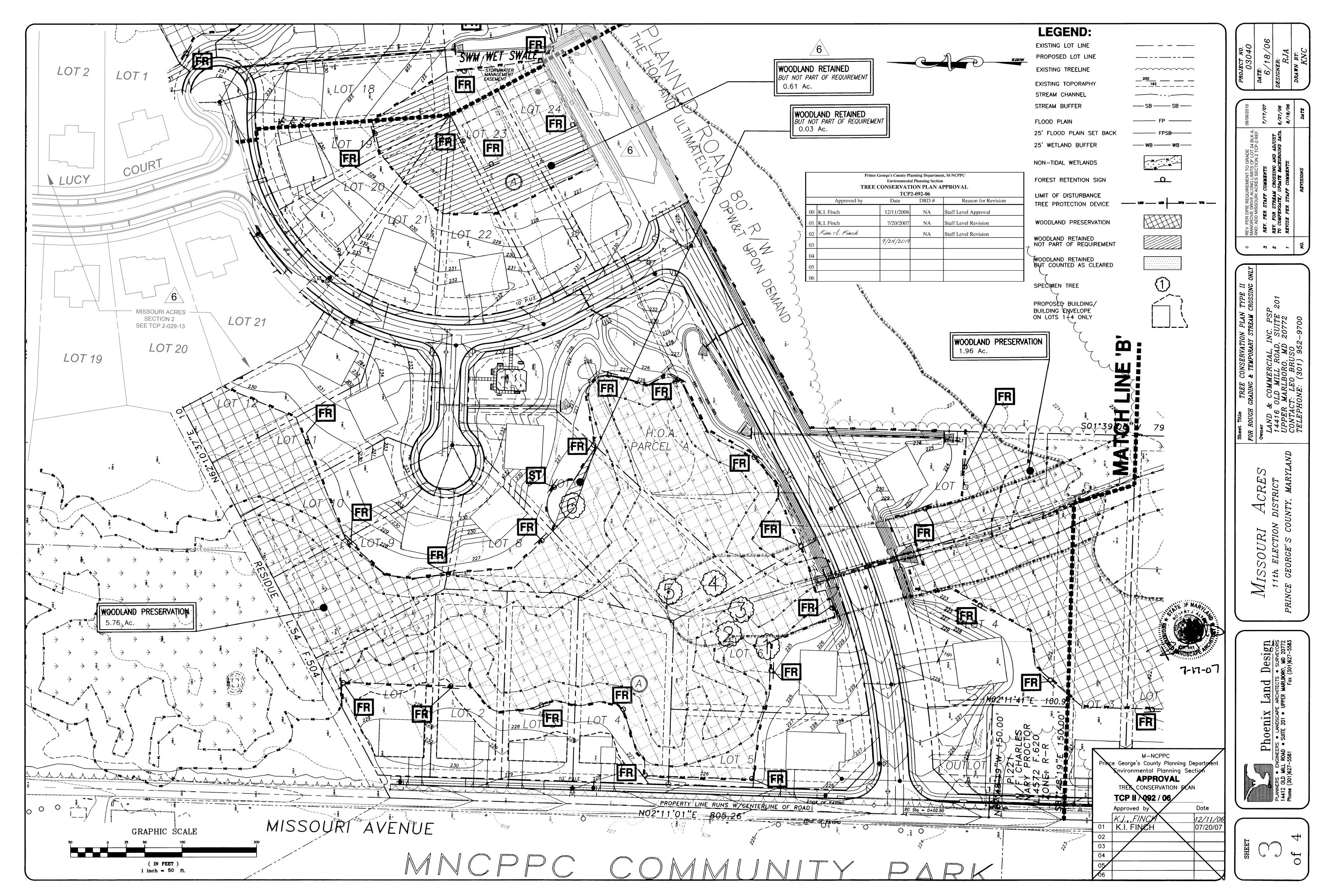


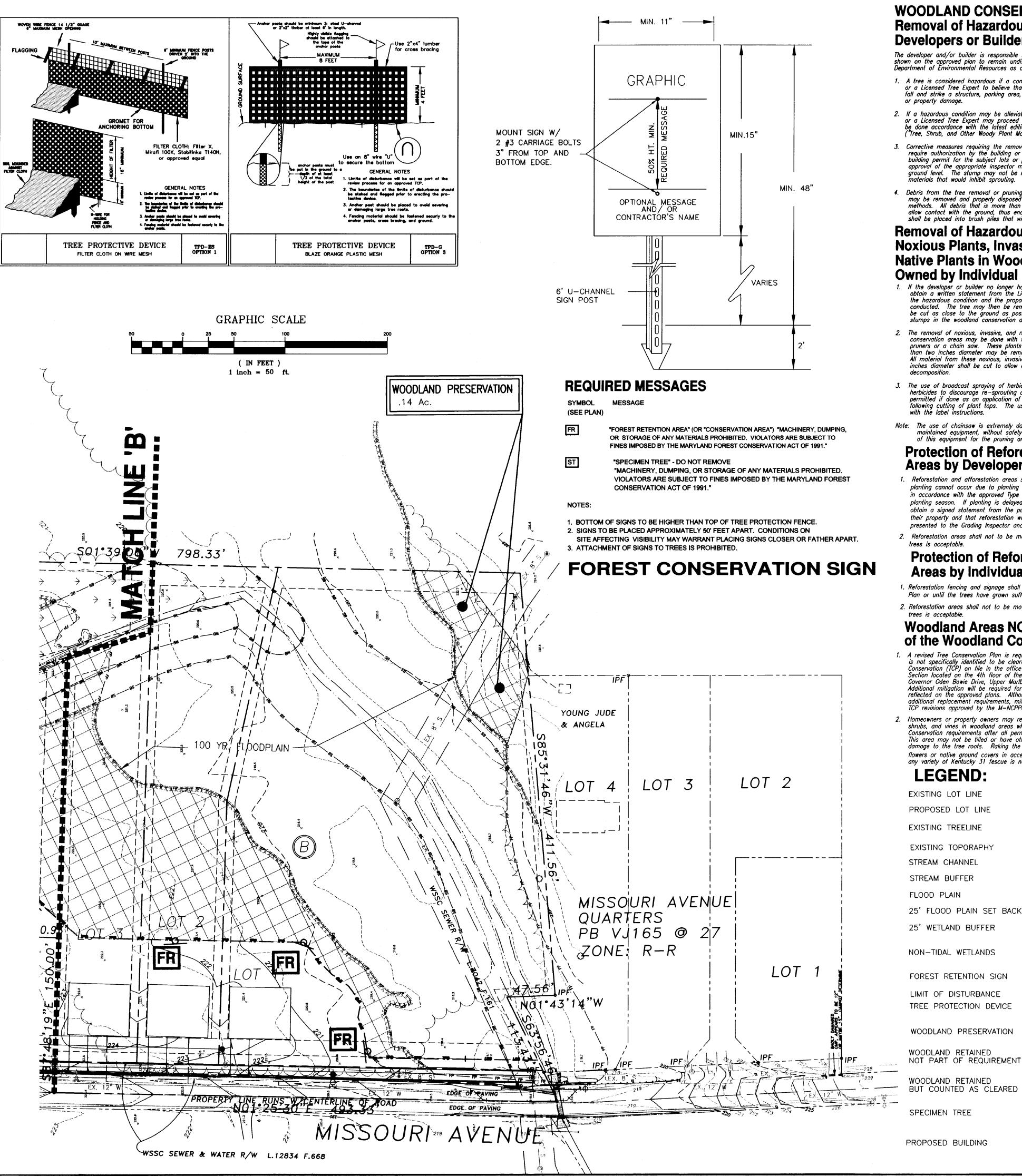
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### WOODLAND CONSERVATION AREA MANAGEMENT NOTES Removal of Hazardous Trees or Hazardous Limbs By **Developers or Builders**

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 Department of 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
- 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 accordance with the latest edition of the ANSI A-300 Pruningt 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 inhibit 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 Woodland Conservation Areas Owned by Individual Homeowners**

- 1. If the developer or builder no longer has an interest in the property the home owner 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
- 2. The removal of noxious, invasive, and non-native 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
- 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 chainsaw 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.

#### **Protection of Reforestation and Afforestation Areas by Developers or Builders**

1. Reforestation and afforestation areas shall be planted prior to the occupancy of the nearest building or residence. If planting cannot occur due to planting conditions, the developer or property owner shall install the fencing and signage in accordance with the approved Type II Tree Conservation Plan. Planting shall then be accomplished during the next planting season. If planting is delayed beyond the transfer of the property title, to the homeowner, the developer shall obtain a signed statement from the purchaser indicating that they understand that the reforestation area is located on their property and that reforestation will occur during the next planting season. A copy of that document shall be presented to the Grading Inspector and the Environmental Planning Section.

2. Reforestation areas shall not to be mowed, however, the management of competing vegetation around individual

#### **Protection of Reforestation and Afforestation Areas by Individual Homeowners**

- 1. Reforestation fencing and signage shall remain in place in accordance with the approved Type II Tree Conservation Plan or until the trees have grown sufficiently to have crown closure.

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

1. A revised Tree Conservation Plan is required prior to clearing 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 replacement requirements, mitigation, and fees which must be reflected on TCP revisions approved by the M-NCPPC Environmental Planning Section.

Homeowners or property owners may remove trees less than two (2) inches diameter, shrubs, and vines in woodland areas which area 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 in acceptable. Seeding with invasive grasses including any variety of Kentucky 31 fescue is not acceptable.

## **LEGEND:**

| EXISTING LOT LINE        |                 |
|--------------------------|-----------------|
| PROPOSED LOT LINE        |                 |
| EXISTING TREELINE        |                 |
| EXISTING TOPORAPHY       | 200<br>192      |
| STREAM CHANNEL           |                 |
| STREAM BUFFER            | —— SB ——— SB —— |
| FLOOD PLAIN              | —— FP ———       |
| 25' FLOOD PLAIN SET BACK | FPSB            |
| 25' WETLAND BUFFER       | WB WB           |
| NON-TIDAL WETLANDS       | WL              |
| FOREST RETENTION SIGN    |                 |
|                          |                 |

#### **SPECIFICATIONS**

1. Forest Conservation shall, consist of the preservation and protection of

2. Forested areas which are designated for "preservation" shall be protected from grading and other construction operations by placing a tree protection fence along any limit of disturbance within 20 feet. Fence shall be removed at

3. Tree replacement areas are to be planted with transplanted trees from on-site (or off), seedlings (sapings/whipstock), and/or container grown trees 1" caliper or greater. Tree replacement shall have a density of trees equivalent to 1,000 seedlings per acre. Transplanted or container grown trees, or existing remaining with the tree replacement area shall be counted at a rate of "one seedling for every one—half inch of trunk caliper" (diameter at 6" above ground

4. Contractor may transplant trees from any area to be cleared into any "tree replacement area" prior to, during or after clearing and grading operations.

5. All tree replacement areas not indicated for clearing and grading shall be mowed or "brush-hogged," as appropriate, to remove all tall grass, brush vines, briars, etc. Care shall be taken to leave undamaged any tree over 1" caliper

6. Any healthy on-site tree in an area to be cleared may be transplanted into an appropriate location in a "tree replacement area." Container grown trees and seedlings shall consist of any or all (but at least three) of the species listed in the "Tree Replacement List." No single specie shall exceed 50% of the total number of either seedlings or container grown trees, and likewise no two species shall exceed 80%. Trees and seedlings shall be randomly distributed by species. Overall coverage shall be generally even, but individual spacing may

7. After transplanting has been completed, container grown material shall be installed, followed by the installation of seedlings, both according to the planting

8. Container grown trees shall be planted, in specified areas as shown to provide a noticeable edge to help protect seedling areas from mowing operations. At the contractors option, container grown and transplanted material may be scattered and/or clustered throughout the "seedling areas."

9. Woodland conservation fencing shall be installed where indicated to protect

10. Woodland Conservation signs shall be placed along each side of all woodland conservation areas at a maximum spacing of 150 feet.

1. All nursery grown plant material shall conform to the current requirements of the American Standard for Nursery Stock, published by the American Association

2. All topsoil shall be fertile, fireable and have a minimum organic content of 2.5% by volume. It shall be free of stones, lumps, wood chips and other foreign objects over 2 inches in diameter. It shall not be delivered, placed or handled

3. Backfill mix shall consist of one part organic material (peat or humus) and

4. Mulch shall be either wood chips, licorice root, or tan bark.

1. All plant material shall be planted according to the current Landscape Specifications for Baltimore—Washington Metropolitan Areas, prepared by the Landscape Contractors Association of Metropolitan Washington.

2. A minimum of 4" of topsoil shall be placed on all disturbed areas being used for tree replacement prior to planting. Area should be seeded per other Specifications.

Maintenance/ Management Plan:

Installation:

1. Woodland conservation signs and fences shall not be removed until a use and occupancy permit has been obtained.

2. "Tree replacement areas" should be moved 3 times a year to control the growth of weeds and brush.

3. Weeds should be removed from around seedlings and container grown trees twice a year. At that time mulch shall be added to achieve conditions specified in the planting details.

4. At anytime during the maintenance period the survival rate drops below 60%, newplants shall be installed to achieve an equivalent survival rate of 75%.

5. Tree and seedling support stakes may be removed after two years or when they no longer function.

#### **GENERAL NOTES**

1. 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. 2. The Department of Environmental Resources (DER) Inspection and Code Compliance Section

(301-883-6033) must be contacted prior to the start of any work on the site to address implementation of Tree Conservation measures shown on this Plan. 3. Property owners shall be notified by the Developer or Contractor of any Woodland Conservation Areas (Tree Save Areas, Reforestation Areas, Afforestation Areas, or 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.

4. All appropriate bonds will be posed 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.

# SITE NOTES

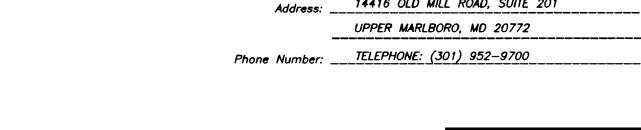
1. The location of all Tree Protective Devices (TPD's) shown on this Plan shall be flagged or staked in the field prior to the pre-construction meeting with the Sediment and Erosion Control Inspector from DER. Upon approval of the flagged or staked TPD locations by the Inspector, installation of the TPD's may begin. TPD installation shall be completed prior to installation of initial Sediment Controls. No cutting or clearing of trees

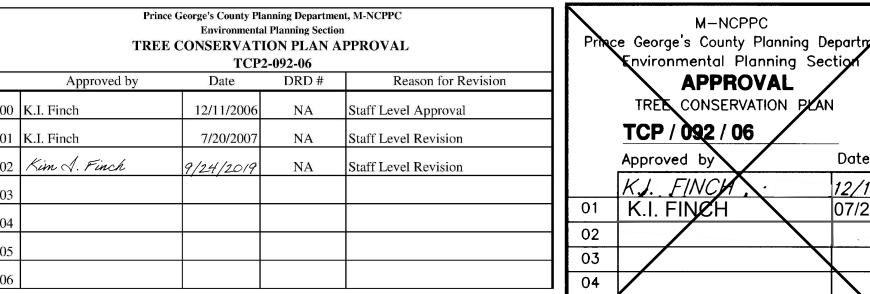
2. Woodland Conservation - Tree Save Areas and/or Reforestation Areas shall be posted as shown at the same time as Tree Protective Device installation and/or start of reforestation activities. These signs remain

3. All tree planting for woodkand replacement, reforestation or afforestation will be completed prior to issuance of use and occupancy permits. Failure to establish the woodkand replacement, reforestation or afforestation within the prescribed time frame will result in the forfeiture of the Reforestation Bond and/or a violation of this Plan including the associated \$1.50 per square foot penalty unless a written extension is approved by

4. The DER Inspector shall be notified prior to soil preparation or initiation of any tree planting on this site.
5. Results of survival checks for all tree plantings shall be reported to the DER Inspector for the site.
6. Prior to the issuance of any permits the contractor responsible for soil preparation, site preparation, tree planting and tree maintenance must be identified.

| Name: _          | LEO BRUSO                      |
|------------------|--------------------------------|
| Business Name: _ | LAND & COMMERCIAL, INC. PSP    |
| Address:         | 14416 OLD MILL ROAD, SUITE 201 |
|                  | UPPER MARLBORO, MD 20772       |
| Phone Number: _  | TELEPHONE: (301) 952-9700      |



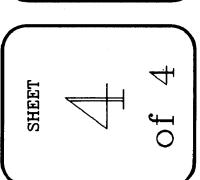


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Date

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