

- 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 pre-construction meeting where implementation of woodland conservation measures shown on this plan will be discussed in
- 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 requirement.
- 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 Developing Tier and is zoned R-A.
- 7. The site is adjacent to Trumps Hill Road, a roadway designated as scenic historic road.
- 8. The site is adjacent to Crain Highway (US. 301), a roadway classified as freeway.

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.
- 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 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.

If existing trees are proposed for use as protection for preservation areas:

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

If debris piles are noted on the FSD and located in preservation areas:

I. 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.

AFFORESTATION AND REFORESTATION NOTES:

reforestation areas is acceptable.

- a. All afforestation and reforestation bonds, based on square footage, shall be posted with the county prior to the issuance of any permits. These bonds will be retained as surety until all required activities have been satisfied or the required timeframe for maintenance has passed.
- b. The planting of afforestation or reforestation areas shall be completed prior to the issuance of the first building permit. (This standard note may be modified as necessary to address which building permits are adjacent to the proposed planting area.) Seedling planting is to occur from November through May only. No planting shall be done while ground is frozen. Planting with larger caliper stock or containerized stock may be done at any time provided a detailed maintenance schedule
- c. 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 2 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 or builder 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 county.
- d. Reforestation areas shall not be mowed. The management of competing vegetation around individual trees and the removal of noxious, invasive, and non-native vegetation within the
- e. All required temporary tree protection fencing shall be installed prior to the clearing and grading of the site and shall remain in place until the permanent tree protection fencing is installed with the required planting. The temporary fencing is not required to be installed if the permanent fencing is installed prior to clearing and grading of the site. Failure to install and maintain temporary or permanent tree protective fencing is a violation of this TCP2.
- Afforestation/reforestation areas shall be posted with notification signage, as shown on the plans, at the same time as the permanent protection fencing installation. These signs shall remain in
- g. The county inspector shall be notified prior to soil preparation or initiation of any tree planting on

h. At time of issuance of the first permit, the following information shall be submitted to the

- M-NCPPC Planning Department regarding the contractor responsible for implementation of this plan: contractor name; business name (if different); address; and phone number. Results of annual survival checks for each of the required four years after tree planting shall be reported to the M-NCPPC. Planning Department. Failure to establish the afforestation or reforestation within the prescribed time frame will result in
- the forfeiture of the reforestation bond and/or a violation of this plan including the associated \$9.00 per square foot penalty unless the county inspector approves a written extension.

MISS UTILITY FOR LOCATION OF UTILITIES CALL 1-800-257-7777 48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY

POST DEVELOPMENT NOTES

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

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 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.

- 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 decomposition.
- 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.

Protection of Reforestation and Afforestation Areas by Individual Homeowners

- Reforestation fencing and signage shall remain in place in accordance with the approved Type 2
- Reforestation areas shall not be mowed; however, the management of competing vegetation and removal of noxious, invasive, and non-native vegetation around individual trees is acceptable.

VARIANCE NOTES:

Variance was approved by the planning Board Administrator on the 28th of March 2013 with the following conclusion:

"Base on preceding analysis, the required findings of Section 25-119(d) have been addressed for the removal of 15 specimen trees based on the information provided, and the variance to remove Specimen Trees 2, 3, 4, 5, 34, 35, 36, 37, 38, 46B, 47B, 48A, 58, 61 and 62 is approved."

| | | IMEN TREE LIST - MA | | | 5 1 |
|----------|--------------------------------|--|----------------|----------------|---------------------|
| ber | Common Name | Species Name | DBH (inches) | Condition | Disposition |
| | | ither an error on original f | SD map or tree | has been destr | oyed. |
| | This tree is not on curre | | | | |
| <u>-</u> | Yellow Poplar | Liriodendron tulipifera | 34.5 | Fair | REMOVE |
| } | Yellow Poplar | Liriodendron tulipifera | 34.7 | Fair | REMOVE |
| ļ | Yellow Poplar | Liriodendron tulipifera | 37.7 | Good | REMOVE |
| 5 | Yellow Poplar | Liriodendron tulipifera | 39.9 | Poor | REMOVE |
| 3 | American sycamore | Platanus occidentalis | 39 | Poor | SAVE |
| 7 | Yellow Poplar | Liriodendron tulipifera | 33.9 | Fair | SAVE |
| | | Only one stem is specin | nen size) | | |
| 3 | Yellow Poplar | Liriodendron tulipifera | 34.8 | Fair | SAVE |
|) | Yellow Poplar | Liriodendron tulipifera | 36.7 | Fair | SAVE |
| 0 | Yellow Poplar | Liriodendron tulipifera | 33.4 | Fair | SAVE |
| | Yellow Poplar | Liriodendron tulipifera | 39.7 | Fair | SAVE |
| 1 | • | Liriodendron tulipifera | 60.2 | Poor | SAVE |
| 2 | Yellow Poplar | • | | , | SAVE |
| 3 | Yellow Poplar | Liriodendron tulipifera | 34.8 | Good | |
| 4 | Yellow Poplar | Liriodendron tulipifera | 37.4 | Good | SAVE |
| 5 | Yellow Poplar | Liriodendron tulipifera | 39 | Good | SAVE |
| 3 | Red Maple | Acer rubrum | 33.8 | Fair | SAVE |
| 7 | Yellow Poplar | Liriodendron tulipifera | 36.6 | Fair | SAVE |
| 8 | Yellow Poplar | Liriodendron tulipifera | 35.7 | Fair | SAVE |
| 9 | Yellow Poplar | Liriodendron tulipifera | 48.8 | Fair | SAVE |
| 0 | Yellow Poplar | Liriodendron tulipifera | 45.7 | Poor | SAVE |
| 1 | Yellow Poplar | Liriodendron tulipifera | 39.1 | Fair | SAVE |
| 2 | Yellow Poplar | Liriodendron tulipifera | 34.2 | Poor | SAVE |
| 3 | American sycamore | Platanus occidentalis | 31.5 | Fair | SAVE |
| 4 | Yellow Poplar | Liriodendron tulipifera | 38.2 | Good | SAVE |
| 4 5 | Yellow Poplar | Liriodendron tulipifera | 35.8 | Fair | SAVE |
| | • | Liriodendron tulipifera | 42.6 | Good | SAVE |
| 6 | Yellow Poplar | • | 47.3 | Poor | SAVE |
| 7 | American sycamore | Platanus occidentalis | | | |
| 8 | American sycamore | Platanus occidentalis | 37.1 | Fair | SAVE |
| 9 | American sycamore | Platanus occidentalis | 48.4 | Fair | SAVE |
| 0 | American sycamore | Platanus occidentalis | 32.9 | Poor | SAVE |
| 1 | American sycamore | Platanus occidentalis | 46 | Fair | SAVE |
| 2 | American sycamore | Platanus occidentalis | 34 | Fair | SAVE |
| 3 | American sycamore | Platanus occidentalis | 33 | Fair | SAVE |
| 4 | Sweetgum | Liquidambar styraciflua | 33.2 | Fair | REMOVE |
| 5 | Yellow Poplar | Liriodendron tulipifera | 39.2 | Fair | REMOVE |
| 6 | Yellow Poplar | Liriodendron tulipifera | 36.5 | Fair | REMOVE |
| 7 | Yellow Poplar | Liriodendron tulipifera | 38.1 | Fair | REMOVE |
| 8 | Yellow Poplar | Liriodendron tulipifera | 44.1 | Poor | REMOVE |
| 9 | American sycamore | Platanus occidentalis | 32.6 | Fair | SAVE |
| | - | No longer a specimen tre | | , an | 0/1/2 |
| 0 | | • , | 39.5 | Poor | SAVE |
| 1 | Yellow Poplar | Liriodendron tulipifera | | | SAVE |
| 2 | | ust have been a typo or e | • | | C A) #** |
| 3 | American sycamore | Platanus occidentalis | 35 | Poor | SAVE |
| 4 | | ust have been a typo or e | | | ~ ~ |
| 5 | Yellow Poplar | Liriodendron tulipifera | 38.8 | Fair - | SAVE |
| βA | American sycamore | Platanus occidentalis | 46.7 | Poor | SAVE |
| | | (Forks with 2 ster | | | |
| βB | Yellow Poplar | Liriodendron tulipifera | 30.7 | Good | REMOVE |
| 7A | Yellow Poplar | Liriodendron tulipifera | 32.3 | Fair | SAVE |
| B | Red Maple | Acer rubrum | 38,2 | Poor | REMOVE |
| • | (May be just off of prop | | | | |
| 3A | Yellow Poplar | Liriodendron tulipifera | 33.2 | Fair | REMOVE |
| BB | Yellow Poplar | Liriodendron tulipifera | 43.3 | Fair | SAVE |
| 9 | Yellow Poplar | Liriodendron tulipifera | 34.4 | Fair | SAVE |
| | • | · · | 34.3 | Fair | SAVE |
| 0 | Yellow Poplar | Liriodendron tulipifera | 34.3 33.5 | Poor | SAVE |
| 1 | Red Maple | Acer rubrum | | | |
| 2 | Yellow Poplar | Liriodendron tulipifera | 32.8 | Fair | SAVE |
| 3 | Yellow Poplar | Liriodendron tulipifera | 35.4 | Fair | SAVE |
| 4 | Red Maple | Acer rubrum | 32.5 | Poor | SAVE |
| 5 | Sycamore | Platanus occidentalis | 37.2 | Good | SAVE |
| 6 | Yellow Poplar | Liriodendron tulipifera | 31.4 | Good | SAVE |
| 57 | Yellow Poplar | Liriodendron tulipifera | 32.3 | Good | SAVE |
| 8 | Yellow Poplar | Liriodendron tulipifera | 33.5 | Fair | REMOVE |
| 59 | Yellow Poplar | Liriodendron tulipifera | 31.5 | Poor | SAVE |
| - | | | | | SAVE (26% |
| | | | 00 | O | * |
| 10 | Yellow Ponlar | Liriodendron tulinifera | 30 | Good | INPACTED. |
| 60 61 | Yellow Poplar Yellow Poplar | Liriodendron tulipifera Liriodendron tulipifera | 30 34.5 | Poor | IMPACTED) REMOVE |

Standard Woodland Conservation Worksheet for Prince George's County

| Zone: | R-A | | | |
|--|--------------|-------|------------|---|
| Gross Tract: | 40.80 | | | |
| Floodplain: | 0.77 | | | |
| Previously Dedicated Land: | 0.00 | | | |
| Net Tract (NTA): | 40.03 | 0.00 | 0.00 | |
| TCP Number | TCPI - 012-0 | 6 | Revision # | 0 |
| Property Description or Subdivision Name: | Magruder W | est | | |
| Is this site subject to the 1989 Ordinance?(Y/N) | N. N. | | : | |
| Is this one (1) single family lot? (Y,N) | N | | | |
| Are there prior TCP approvals which include a | Υ | | | |
| combination of this lot/s? (Y,N) | | | | |
| Is any portion of the property in a WC Bank? | N | | | |
| Break-even Point (preservation) = | 23.65 | acres | | |
| Clearing permitted w/o reforestion= | 14 56 | acres | | |

| | | Column A WCT/AFT % | Column B Net Tract | Column C Floodplain | Column D Off-Site |
|--------------------------------------|---------------------|-----------------------|-----------------------|------------------------|----------------------|
| | | | | (1:1) | Impacts (1:1) |
| Existing Woodland | | | 38.21 | 0.77 | |
| Woodland Conservation Threshold | (WCT) = | 50.00% | 20.02 | | |
| Smaller of 13 or 14 | | - | 20.02 | | |
| Woodland above WCT | | | 18.20 | | |
| Woodland cleared | | | 13.58 | 0,00 | 0.0 |
| Woodland cleared above WCT (sm | aller of 16 or 17) | | 13.58 | | |
| Clearing above WCT (0.25: 1) replace | acement requirement | | 3.40 | | |
| Woodland cleared below WCT | | | 0.00 | | |
| Clearing below WCT (2:1 replacem | ent requirement) | | 0.00 | | |
| Afforestation Required | Threshold (AFT) = | 20.00% | 0.00 | | |
| Off-site WCA being provided on this | s property | | 0.00 | | |
| Woodland Conservation Required | | : | 23.41 | acres | |

SECTION III-Meeting the Requirements (Enter acres for each corresponging column)

Voodland Preservation

| Afforestation / Reforestation | | 1.25 | Bond amount: | \$ 16,335.00 |
|--|-------|-------|--------------|--------------|
| Natural Regeneration | | 0.00 | | |
| Landscape Credits | | 0.00 | | |
| Specimen/Historic Tree Credit (CRZ area * 2.0) | 0.00 | 0.00 |) | |
| Forest Enhancement Credit (Area * .25) | 0.00 | 0.00 |) | |
| Street Tree Credit (Existing or 10-year canopy coverage) | | 0.00 | | |
| Area approved for fee-in-lieu/PFA | | 0.00 | Fee amount: | \$0.00 |
| Area approved for fee-in-lieu/non-PFA | | 0.00 | Fee amount: | \$0.00 |
| Off-site Woodland Conservation Credits Required | | 3.33 | 3 | |
| Off-site WCA (preservation) being provided on this property | | 0.00 | | 1 1 |
| Off-site WCA (afforestation) being provided on this property | | 0.00 | | |
| Woodland Conservation Provided | | 23.43 | acres | |
| Area of woodland not cleared | 24.63 | acres | | |
| Net tract woodland retained not part of requirements: | 5.78 | acres | | |
| 100-floodplain woodland retained | 0.77 | acres | <u>:</u> | |
| On-site woodland conservation provided | 20.10 | acres | 7 | |
| On-site woodland retained not credited | 6.55 | acres | _ | 1 |
| Prepared by: | | 20 | | |

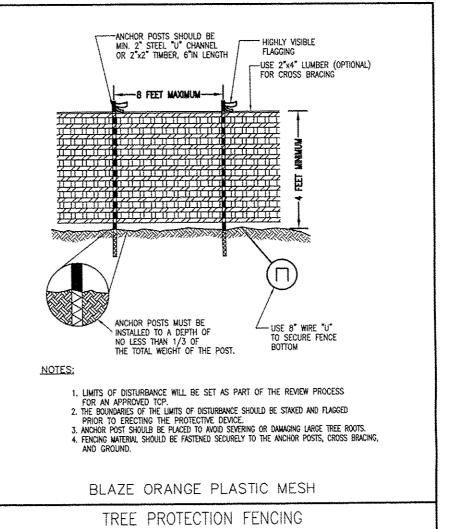
Property Owners Awareness Certificate

| 1/We Pavid Shaffer Tree Conservation Plan (TCP2) and the | hat we understand the requirements as set forth in this TCP? |
|--|---|
| Owner or Owners Representative | Boy VIIW as agent for 4-11-16 Nagrodor Property, LC Date |
| I/We | |
| ~ | hereby acknowledge that we are aware of this Type 2 nat we understand the requirements as set forth in this TCP2. |
| | |
| Contract Purchaser | Date |

| WOODLAND C | ONSERVATION SUMMARY TABLE |
|----------------------|------------------------------------|
| PRESERVATION AREAS: | |
| AREA#1 | 0.58 |
| AREA #2 | 0.94 |
| AREA #3 | 1.05 |
| AREA #4 | 0.18 |
| AREA #5 | 0.42 |
| AREA #6 | 15.67 |
| SUB-TOTAL | 18.85 |
| | T CREDITED TOWARD ANY REQUIREMENTS |
| AREA #1 | 0.03 |
| AREA #2 | 0.11 |
| AREA #3 | 0.11 |
| AREA #4 | 0.12 |
| AREA #5 | 0.77 |
| AREA #6 | 1.16 |
| AREA #7 | 0.93 |
| AREA #8 | 0.27 |
| AREA #9 | 0.24 |
| AREA #10 | 0.72 |
| AREA #11 | 0.98 |
| AREA #12 | 0.19 |
| AREA #13 | 0.83 |
| AREA #14 | 0.06 |
| AREA #15 | 0.02 |
| SUB-TOTAL | 6.55 |
| WOODLAND RETAINED CO | |
| | 0.24 |
| AREA #1 | 0.24 |
| AREA #2 | 0.11 |
| AREA #3 | 0.14 |
| AREA #4 | |
| AREA #5 | 0.08 |
| AREA #6 | 0.01 |
| AREA #7 | 0.01 |
| AREA #8 | 0.02 |
| AREA #9 | 0.002 |
| SUB-TOTAL | 0.65 |
| WOODLAND REFORESTATI | |
| AREA #1 | 0.11 |
| AREA #2 | 0.21 |
| AREA #3 | 0.65 |
| AREA #4 | 0.20 |
| AREA #5 | 0.07 |
| SUB-TOTAL | 1.25 |
| TOTAL | 27.29 |

| LOT/PARCEL# | Gross Track Area (sq. ft.) | 100 YR Flood Plain (FP) | Net Track Area (sq. ft.) (NTA) | Existing Woodland (sq. ft.)(NTA) | Existing Woodland (sq.ft.) (FP) | Woodland Cleared (sq. ft.) (C-NTA) | Woodland Pres. (sq. ft.) (WPA) | Woodland Aff. / Ref. (sq. ft.) (WRA) | Woodland Retained/Not Credited Towards any Req. (WR-NC) | Woodland Retained Counted as Cleared (WR- NC) |
|----------------|-------------------------------|-------------------------------|--------------------------------------|--|---------------------------------------|--|--------------------------------------|--|--|--|
| 1 | 87,126 | 0 | 87,126 | 87,126 | 0 | 32,172 | 23,589 | 0 | 31,355 | 2,330 |
| 2 | 115,721 | 0 | 115,721 | 111,293 | 0 | 34,565 | 63,656 | 0 | 13,072 | 0 |
| 3 | 89,791 | 0 | 89,791 | 86,551 | 0 | 16,853 | 54,967 | 0 | 14,730 | 420 |
| 4 | 92,668 | 2,459 | 90,209 | 90,198 | 2,459 | 27,324 | 46,265 | 0 | 19,069 | 608 |
| 5 : | 108,082 | 0 | 108,082 | 108,082 | 0 | 31,475 | 63,199 | 0 | 13,408 | 223 |
| 6 | 100,261 | 0 | 100,261 | 84,974 | 0 | 35,155 | 35,111 | 17,696 | 14,708 | 4,491 |
| 7 | 92,716 | . 0 | 92,716 | 82,639 | 0 | 35,207 | 35,525 | 4,635 | 11,907 | 266 |
| 8 | 87,292 | 0 | 87,292 | 87,292 | 0 | 29,889 | 46,910 | 3,950 | 10,494 | 3,321 |
| 9 | 87,241 | 0 | 87,241 | 62,869 | 0 | 30,359 | 31,854 | 16,064 | 656 | 730 |
| 10 | 90,099 | 0 | 90,099 | 90,099 | 0 | 22,393 | 51,067 | 0 | 16,356 | 0 |
| 11 | 103,897 | 0 | 103,897 | 101,145 | 0 | 44,357 | 43,719 | 8,914 | 13,069 | 0 |
| 12 | 88,697 | 0 | 88,697 | 80,212 | 0 | 30,553 | 35,428 | 0 | 14,231 | 0 |
| 13 | 89,455 | 4,318 | 85,137 | 85,099 | 4,318 | 30,239 | 40,481 | 3,095 | 18,697 | 0 |
| 14 | 104,269 | 14,667 | 89,602 | 89,122 | 14,475 | 26,533 | 44,332 | 0 | 32,732 | 0 |
| 15 | 87,401 | 0 | 87,401 | 87,401 | 0 | 26,556 | 42,490 | 0 | 18,355 | 0 |
| 16 | 131,578 | 12,185 | 119,393 | 119,380 | 12,152 | 39,523 | 66,103 | 0 | 25,906 | 0 |
| 17 | 124,155 | 0 | 124,155 | 124,155 | 0 | 39,886 | 69,244 | 0 | 14,993 | 0 |
| OUTLOT "A" | 33,085 | 0 | 33,085 | 28,460 | 0 | 0 | 27,004 | 0 | 1,456 | 0 |
| PUBLIC R/W | 34,688 | 0 | 34,688 | 32,504 | 0 | 32,504 | 0 | 0 | 0 | 0 |
| R/W DEDICATION | 29,086 | 0 | 29,086 | 26,012 | 0 | 26,012 | 0 | 0 | 0 | 15,981 |
| TOTAL S.F.: | 1,777,308 | 33,629 | 1,743,679 | 1,664,613 | 33,405 | 591,556 | 820,943 | 54,355 | 285,194 | 28,370 |
| TOTAL ACRES: | 40.80 | 0.77 | 40.03 | 38.21 | 0.77 | 13.58 | 18.85 | 1.25 | 6.55 | 0.65 |
| | | | | | | | | | | |

WOODLAND CONSERVATION SUMMARY TABLE II (TCP II)



FOR WOODLAND PRESERVATION AREAS

TEMPORARY TREE PROTECTION DEVICE (TPD)

OWNER / DEVELOPER:

MAGRUDER PROPERTY, LLC.

24012 FREDERICK ROAD CLARKSBURG, MD. 20871

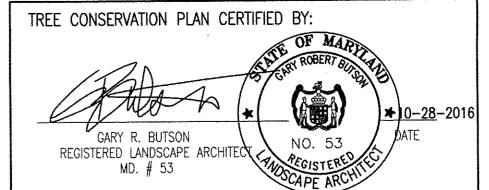
PH: 301-428-0800

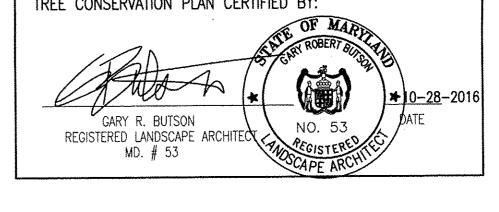
PERMANENT TREE PROTECTION DEVICE (PPD) 1. POST SHALL BE STAND PLUMB. 2. RAIL SHALL BE HANG WITH UNIFORM HEIGHT AND SPACING . 3. REFORESTATION SIGNS TO BE ATTACHED TO WOOD POST EVERY

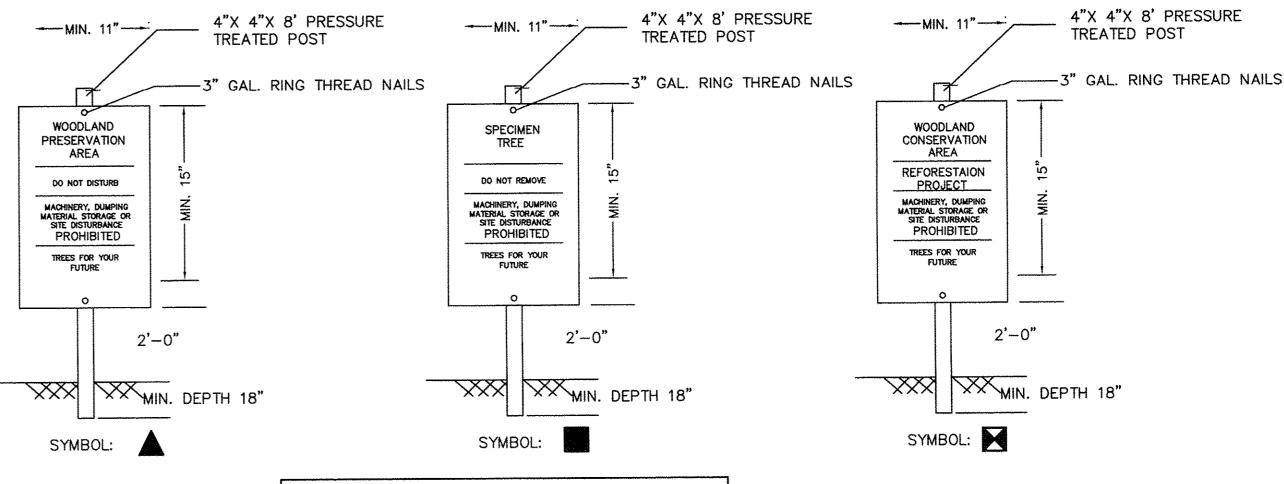
10' MAX. SPACING O.C. MAY VARY

4. TOP OF THE SIGN TO BE FLUSH WITH TOP OF WOOD POST.

5. SIGNS TO BE ATTACHED USING 2 GALVANIZED WOOD SCREWS EACH WITH A GALVANIZED WASHER.







SIGNAGE

GENERAL NOTE: SIGNS FOR PRESERVATION AREAS MAY BE REMOVED AFTER USE & OCCUPANCY PERMIT HAS BEEN ISSUED

1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.

2. SIGNS SHOULD BE PROPERLY MAINTAINED.

3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.

4. SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION

PERSONNEL FROM ALL DIRECTIONS. 5. SIGNS SHOULD BE INSTALLED AT THE SAME TIME AS TREE PROTECTION DEVICE

6. LOCATE SIGNS APPROXIMATELY EVERY 50 FEET ALONG FENCING.

7. SIGNS SHOULD BE IN PLACE IMMEDIATELY FOLLOWING STAKE OUT OF L.O.D., AND REMAIN IN PLACE IN PERPETUITY.

8. TEMPORARY TREE PROTECTION SIGNAGE MAY BE ATTACHED TO THE TEMPORARY CONSTRUCTION FENCING, AND REMOVED WHEN TTP FENCING IS REMOVAL. PERMANENT TREE PROTECTION MAY BE ATTACHED TO THE PERMANENT TREE PROTECTION FENCING, AND RETAINED FOR A MINIMUM OF FIVE YEARS.

Prince George's County Planning Department, M-NCPPC **Environmental Planning Section** TREE CONSERVATION PLAN APPROVAL TCP2 -011 - 2016 Reason for Revision Approved by DRD# Date 00 | CIF 06

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REVISIONS 09-15-16: Revised

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PROJECT/FILE NO. SHEET NO.

9 OF 11

periodic watering, until the time of planting.

Plants that do not have an abundance of well developed terminal buds on the leaders and branches shall be rejected.

Plants shall be shipped by the nursery immediately after lifting from the field or removal from the green house, and planted immediately upon receipt by the landscape contractor.

If the plants cannot be planted immediately after delivery to the reforestation site, they shall be stored in the shade with their root masses protected from direct exposure to sun and wind by the use of straw, peat moss, compost, or other suitable material and shall be maintained through

- 4. Plant Handling: the quantity of seedlings taken to the field shall not exceed the quantity that can be planted in a day. Seedlings, once removed from the nursery or temporary storage area shall be planted immediately.
- 5. Timing of Planting: The best time to plant seedlings is while they are dormant, prior to spring budding. The most suitable months for planting are March and April, when the soil is moist, but may be planted from March through November. No planting shall be done while ground is frozen. Planting shall occur within one growing season of the issuance of grading/building permits and/or reaching the final grades and stabilization of planting areas.
- Seedling Planting: Tree seedlings shall be hand planted using a dibble bar or sharp-shooter shovel. It is important that the seedling be placed in the hole so that the roots can spread out naturally; they should not be twisted, balled up or bent. Moist soil should then be packed firmly around the roots. Seedlings should be planted at a depth where their roots lie just below the ground surface. Air pockets should not be left after closing the hole which would allow the roots to dry out. See planting details for further explanation. If the contractor wishes to plant by another method, the preparer of this tree conservation plan must be contacted and give his approval before planting may begin.
- Spacing: See Plant Schedule and/or Planting Plan for spacing requirements. Also refer to the Planting Layout detail for a description of the general planting theory.
- 8. Soil: Upon the completion of all grading operations, a soil test shall be conducted to determine what soil preparation and soil amendments, if any, are necessary to create good tree growing conditions. Soil samples shall be taken at a rate that provides one soil sample for each area that appears to have a different soil type (if the entire area appears uniform, then only one sample is necessary), and submitted for testing to a private company. The company of choice shall make recommendations for improving the existing soil. The soil will be tested and recommended for corrections of soil texture, pH, magnesium, phosphorus, potassium, calcium and organic matter.
- 9. Soil Improvement Measures: the soil shall then be improved according to the recommendations made by the testing company.
- 10. Fencing and Signage: Final protective fencing shall be placed on the visible and/or development side of planting areas. The final protective fence shall be installed upon completion of planting operations unless it was installed during the initial stages of development. Signs shall be posted per the signage detail on this sheet.
- 11. Planting method: Consult the Planting Detail(s) shown on this plan.
- 12. Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted) to each plating site (see detail shown on this plan).
- 13. Groundcover Establishment: the remaining disturbed area between seedling planting sites shall be seeded and stabilized with white clover seed at the rate of 5 lbs/acre.
- 14. Mowing: No mowing shall be allowed in any planting area.
- 15. Survival Check for Bond Release: The seedling planting is to be checked at the end of each year for four years to assure that no less than 75% of the original planted quantity survives. If the minimum number has not been provided the area must be supplemented with additional seedlings to reach the required number at time of planting.
- 16. Source of Seedlings: state name, address, and phone number of nursery or supplier.

NATURAL REGENERATION NOTES:

All areas designated for reforestation shall be reforested by natural regeneration. The following requirements and conditions apply:

- All existing turf, ground covers, and invasive species shall be exterminated using a general broadcast herbicide such as "Round-Up" or equivalent. Secondary applications shall be applied
- Roto-tilling of turf areas and manual removal of invasive vines shall be completed two weeks after chemical treatments are completed.

Care shall be taken to avoid spraying any hardwood seedlings or saplings.

- Reforestation signs shall be installed every fifty feet or as appropriate and two strand wire fencing shall be installed along 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 area. 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 one and two years all desirable seedlings and saplings shall be counted and flagged with
- If after 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 container grown seedlings at a rate of one per 60 square feet. Only naturally occurring species already present within the site shall be used.

FOUR-YEAR MANAGEMENT PLAN FOR RE/AFFORESTATION AREAS:

Field check the re-afforestation area according to the following schedule:

Site preparation and Tree Planting

Survival check once annually (September-November) see Note 1) Watering is needed (2 x month) Control of undesirable vegetation as needed (1 x in June and 1 x in September min.)

Year 2-3: Reinforcement planting is needed (See Note 2) Survival check once annually (September-November) Control of undesirable vegetation if needed (1 x in May and 1 x in August min.)

Reinforcement planting if needed. (See Note 2) Year 4: Survival check (September –November) 1. Survival Check: Check planted stock against plant list (or as-built) by walking the site

and taking inventory. Plants must show vitality. Submit field data forms (Condition Check Sheets) to owner after each inspection. Remove all dead plants. 2. Reinforcement Planting: Replace dead or missing plants in sufficient quantity to bring the total number of live plants to at least 75% of the number originally planted. If a particular species suffers unusually high mortality, replace with an alternative plant type. 3. Miscellaneous: Fertilization or watering during years 1 through 3 will be done on an as needed basis. Special return operations or recommendations will be conducted on an as needed basis.

REFORESTATION/AFFORESTATION PLANTING SCHEDULES

| BOTANICAL NAME | COMMON NAME | SEEDLING QUANTITY | 1" CAL. STOCK | TOTAL SEEDLINGS EQUIVALENCY |
|-------------------------|----------------|----------------------|---------------|-----------------------------|
| Acer rubrum | Red Maple | 15 | 2 | 17 |
| Liriodendron tulipifera | Tulip Poplar | 15 | 2 | 17 |
| llex opaca | American Holly | 14 | 2 | 16 |
| Fagus grandifolia | American Beech | 14 | 2 | 16 |
| Franxinus pennsylvanica | | 14 | 2 | 16 |
| Cornus florida | Dogwood | 14 | 2 | 16 |
| TOTAL | | 86 | 12 | 98 |
| REFORESTATION/AFF. | CREDIT AREAS | 0.086 | 0.024 | 0.11 |

| TOTAL REPORESTATIONAFF. ACRES - 0.11 AC. |
|--|
| NOTE: SEEDLINGS CREDITED AT 1000 PER ACRE AND 1" STOCK CREDITED AT 500 PER |
| AC. PRIORITY LOCATION FOR 1" STOCK ALONG PERIMETER OF AFFORESTATION |
| AREAS ADJACENT TO DISTURBED OR OPEN AREAS. |
| SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL |
| |
| |

| REFUREST | ATION/AFFOREST | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | TING SCHEDULE | |
|-------------------------|---------------------------------------|--|---------------|-----------------------------|
| BOTANICAL NAME | COMMON NAME | SEEDLING | 1" CAL. STOCK | TOTAL SEEDLINGS EQUIVALENCY |
| | | QUANTITY | · · | EQUIVALENCY |
| Acer rubrum | Red Maple | 25 | 5 | 30 |
| Liriodendron tulipifera | Tulip Poplar | 25 | 5 | 30 |
| llex opaca | American Holly | 25 | 5 | 30 |
| Fagus grandifolia | American Beech | 25 | 5 | 30 |
| Franxinus pennsylvanica | Green Ash | 25 | 5 | 30 |
| Cornus florida | Dogwood | 25 | 5 | 30 |
| TOTAL | · · · · · · · · · · · · · · · · · · · | 150 | 30 | 180 |
| REFORESTATION/AFF. | CREDIT AREAS | 0.15 | 0.06 | 0.21 |

TOTAL REFORESTATION/AFF. ACRES = 0.21 AC. NOTE: SEEDLINGS CREDITED AT 1000 PER ACRE AND 1" STOCK CREDITED AT 500 PER AC. PRIORITY LOCATION FOR 1" STOCK ALONG PERIMETER OF AFFORESTATION AREAS ADJACENT TO DISTURBED OR OPEN AREAS. SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL)

| DOTALLO AL AIAAST | 000000000000000000000000000000000000000 | SEEDLING | 1" CAL. STOCK | TOTAL SEEDLINGS |
|-------------------------|---|----------|---------------|-----------------|
| BOTANICAL NAME | COMMON NAME | QUANTITY | T CAL STOCK | EQUIVALENCY |
| Acer rubrum | Red Maple | 90 | 9 | 99 |
| Liriodendron tulipifera | Tulip Poplar | 90 | 9 | 99 |
| llex opaca | American Holly | 91 | 9 | 100 |
| Fagus grandifolia | American Beech | 91 | 9 | 100 |
| Franxinus pennsylvanica | Green Ash | 90 | 9 | 99 |
| Cornus florida | Dogwood | 90 | 9 | 99 |
| TOTAL | · | 542 | 54 | 596 |
| REFORESTATION/AFF. | CREDIT AREAS | 0.542 | 0.108 | 0.65 |

TOTAL REFORESTATION/AFF. ACRES = 0.65 AC. NOTE: SEEDLINGS CREDITED AT 1000 PER ACRE AND 1" STOCK CREDITED AT 500 PER AC. PRIORITY LOCATION FOR 1" STOCK ALONG PERIMETER OF AFFORESTATION AREAS ADJACENT TO DISTURBED OR OPEN AREAS.

SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL)

| REFORESTATION | WAFF. PLANTING S | | SIDE THE FLOOR | |
|-------------------------|---------------------------------------|----------------------|----------------|--------------------------------|
| BOTANICAL NAME | COMMON NAME | SEEDLING QUANTITY | 1" CAL. STOCK | TOTAL SEEDLINGS EQUIVALENCY |
| Acer rubrum | Red Maple | 24 | 5 | 29 |
| Liriodendron tulipifera | Tulip Poplar | 24 | 5 | 29 |
| llex opaca | American Holly | 23 | 5 | 28 |
| Fagus grandifolia | American Beech | 23 | 5 | 28 |
| Franxinus pennsylvanica | Green Ash | 23 | 5 | 28 |
| Taxodium distichum | Bald Cypress | 23 | 5 | 28 |
| TOTAL | · · · · · · · · · · · · · · · · · · · | 140 | - 30 | 170 |
| REFORESTATION/AFF. | CREDIT AREAS | 0.14 | 0.06 | 0.2 |

TOTAL REFORESTATION/AFF. ACRES = 0.20 AC. NOTE: SEEDLINGS CREDITED AT 1000 PER ACRE AND 1" STOCK CREDITED AT 500 PER AC. PRIORITY LOCATION FOR 1" STOCK ALONG PERIMETER OF AFFORESTATION

AREAS ADJACENT TO DISTURBED OR OPEN AREAS. SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL)

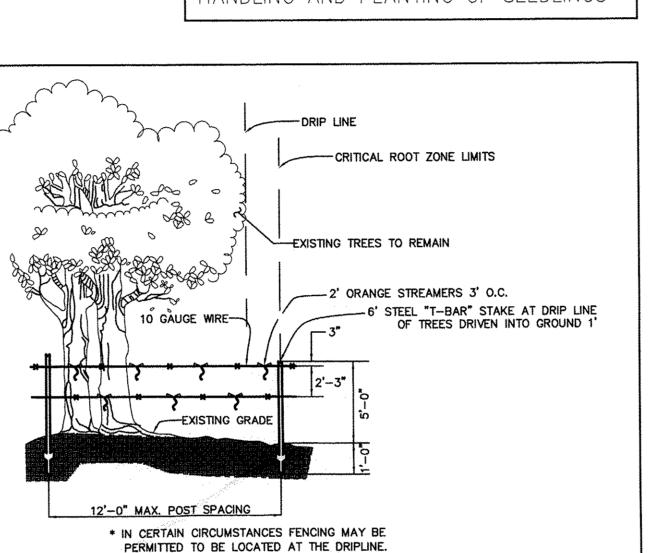
| REFORESTATION/AFF. PLANTING SCHEDULE INSIDE THE FLOODPLAIN(AREA #5) | | | | |
|---|----------------|----------------------|---------------|--------------------------------|
| BOTANICAL NAME | COMMON NAME | SEEDLING QUANTITY | 1" CAL. STOCK | TOTAL SEEDLINGS EQUIVALENCY |
| Acer rubrum | Red Maple | 9 | 2 | 11 |
| Liriodendron tulipifera | Tulip Poplar | 9 | 1 | 10 |
| llex opaca | American Holly | 9 | 1 | 10 |
| Fagus grandifolia | American Beech | 9 | 1 | 10 |
| Franxinus pennsylvanica | Green Ash | 9 | 1 | 10 |
| Taxodium distichum | Bald Cypress | 9 | 2 | 11 |
| TOTAL | <u> </u> | 54 | 8 | 62 |
| REFORESTATION/AFF. | CREDIT AREAS | 0.054 | 0.016 | 0.07 |

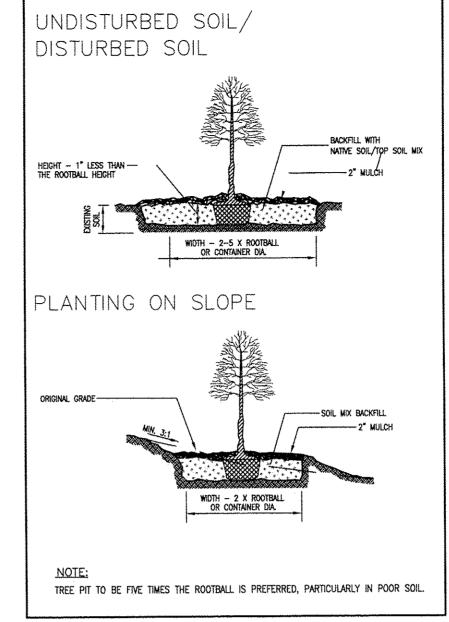
TOTAL REFORESTATION/AFF, ACRES = 0.07 AC.

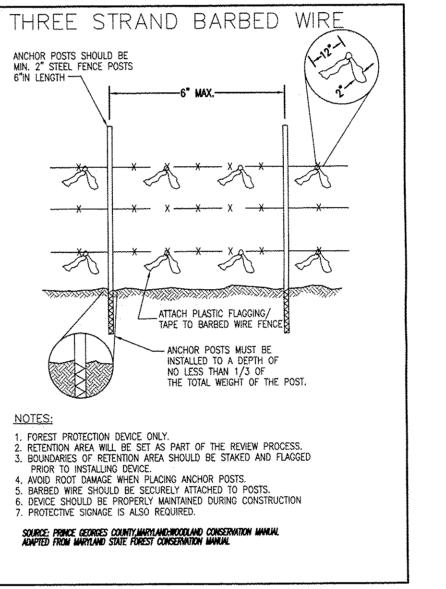
NOTE: SEEDLINGS CREDITED AT 1000 PER ACRE AND 1" STOCK CREDITED AT 500 PER AC. PRIORITY LOCATION FOR 1" STOCK ALONG PERIMETER OF AFFORESTATION AREAS ADJACENT TO DISTURBED OR OPEN AREAS. SEEDLING AND STOCK PLANTED IN RANDOM DISTRIBUTION PATTERN (SEE DETAIL)

CORRECT AND INCORRECT PLANTING DEPTH AT SAME DEPTH OR 1/2 DEEPER THAN SEEDLING GREW IN NURSERY SEEDLING AND WHIP PLANTING SPECIFICATION MULCHING NEWLY PLANTED SEEDLINGS HELPS THE SOIL RETAIN MOISTURE AND IT PROTECTS THE SEEDLING FROM COMPACTION AND STEM INJURIES.

SOURCE: ADAPTED FROM MARYLAND STATE FOREST CONSERVATION MANUAL HANDLING AND PLANTING OF SEEDLINGS







- 4'x4'x6' PRESSURE TREATED WOODEN POST

5 1/2"

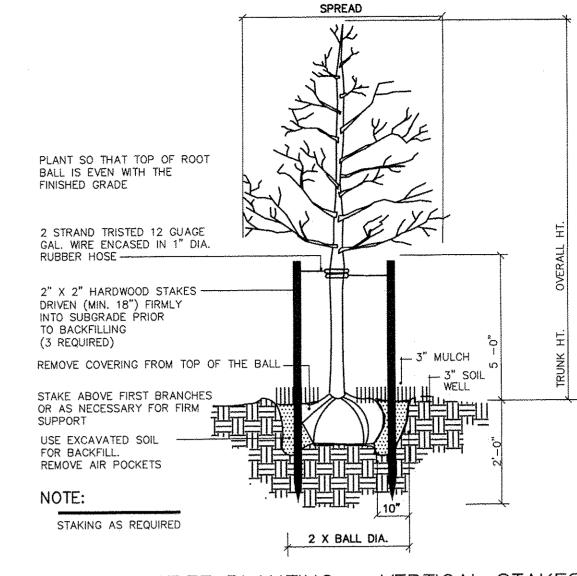
FOREST

NO MOWING NO DUMPING NO MOTORIZED VEHICLES

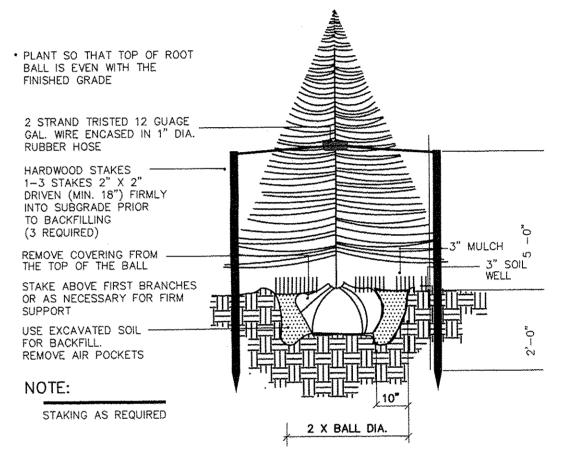
POST-TYPE TREE PROTECTION SIGNAGE

SCALE: 1'' = 2'

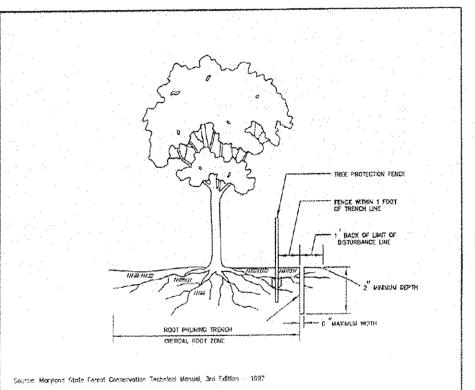
AL WOOD SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE OR CEDAR.



DECIDOUS TREE PLANTING - VERTICAL STAKES



EVERGREEN TREE PLANTING - VERTICAL STAKES SCALE: NOT TO SCALE



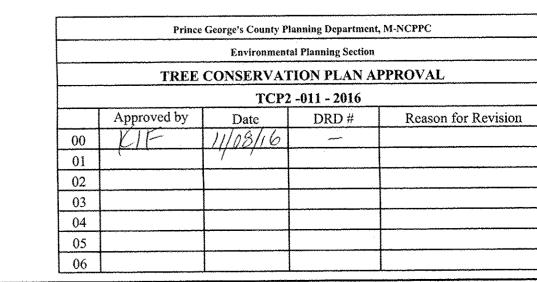
1. RETENTION AREAS TO BE ESTABLISHED AS PART OF THE FOREST CONSERVATION

2. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED, FLAGGED AND/OR FENCED PRIOR TO TRENCHING. 3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED. 4. TRENCH SHOULD BE IMMEDIALTEY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH 5. ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE

PLAN REVIEW PROCESS.

EQUIPMENT.

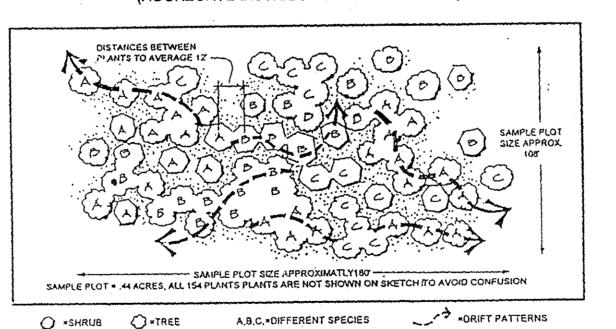
ROOT PRUNING



PLANTING LAYOUT (AGGREGATE DISTRIBUTION DRIFT THEORY)

TREE PROTECTION DETAIL

NOT TO SCALE



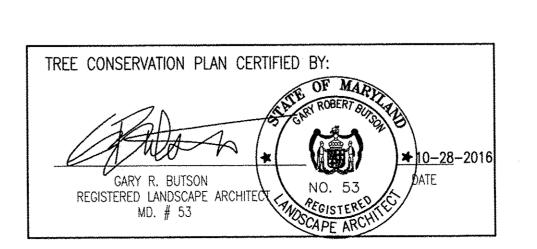
Aggregate Drift or Sweep. A cluster type grouping which tapers or feathers out along the edges.

Aggregate massing or drifts are one of the most common vegetation distribution patterns occurring in nature. Principle seed bearers are at the central core of the cluster with seed dispersal outwards, often windblown with densities thinning out along the fringes or extremities. Groupings blend through and into other groupings. Imagine the fallout of windblown milkweed seeds. They often appear as aggregate drifts, elongated and tear drop in shape.

shrubs cannot blend into groupings of trees or that groupings of same species cannot occur together. It simply means that the installer should meet the aforementioned forest conservation act criteria at the same time replicating natures aggregate drift patterns (see detail).

Application: This does not mean that plants must be in a grid pattern, that drifts of

When using this theory to lay out a planting plan the size of the drifts will depend on the quantity of plants allocated, the scale of the site, and the careful consideration of the installer.



OWNER/DEVELOPER: MAGRUDER PROPERTY, LLC.

PH: 301-428-0800

24012 FREDERICK ROAD

CLARKSBURG, MD. 20871

MISS UTILITY FOR LOCATION OF UTILITIES CALL 1-800-257-7777 48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY 8 00 O

REVISIONS 09-15-16: Revised per county comments

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DATE: OCT., 2016 CHECKED

MP SCALE: 1' = 30'PROJECT/FILE NO.

15-044 SHEET NO. 10 OF 11

INVASIVE SPECIES MANAGEMENT PLAN

SCOPE OF PLAN: THE REMOVAL OF 12 INVASIVE SPECIES IDENTIFIED IN STAND A, B, C, & D AND OTHERS THAT MAY BE FOUND, TO REDUCE THE AMOUNT OF INVASIVE SPECIES TO LESS THAN 15 PERCENT OF THE HERBACEOUS LAYER PER THE REQUIREMENTS OF THE ENVIRONMENTAL TECHNICAL MANUAL.

Stand A, B, C, D Poison Ivy: Stand A, C, D Multiflora rose: Stand A, B, C, D Stand A, B, C, D Honeysuckle: Tree of heaven: Stand A, C, D Greenbriar: Stand A, B Stand A, B Raspberry: Virginia creeper: Stand B Tear thumb: Stand B, C, D Devils walking stick: Stand B Japanese stilt grass: Stand B, C, D Stand C Boxelder:

FURTHER REDUCTION OF INVASIVES SPECIES IN THE HERBACEOUS LAYER TO 5 PERCENT OR LESS MAY QUALIFY FOR ADDITIONAL WOODLAND CONSERVATION CREDIT WITH THE APPROVAL OF THE ENVIRONMENTAL PLANNING SECTION.

SITE EVALUATION PRIOR TO CONTROL MEASURE INITIATION

- 1. AFTER THE LIMIT OF DISTURBANCE HAS BEEN ESTABLISHED IN THE FIELD, ALL AREAS OF THE PROJECT SITE WHERE INVASIVE VEGETATIVE SPECIES CONTROL WILL BE IMPLEMENTED SHALL BE EVALUATED BY, OR UNDER THE SUPERVISION OF, A CERTIFIED ARBORIST OR OTHER APPROPRIATELY QUALIFIED PROFESSIONAL TO DETERMINE QUANTITIES AND EXTENT OF SPECIFIC PLANT SPECIES TO BE CONTROLLED AND TO ASSIGN APPROPRIATE CONTROL MEASURES TO SITE SPECIFIC
- 2. PLANT SPECIES ARE MOST EASILY IDENTIFIED ONCE LEAF OUT HAS OCCURRED AND PRIOR TO LEAF DROP IN THE FALL. THE INITIAL SITE EVALUATION MAY TAKE PLACE AT ANY TIME DURING THE GROWING SEASON, IN CONJUNCTION WITH DETERMINATION AND MARKING OF THE LIMIT OF DISTURBANCE IN THE FIELD.

BEST MANAGEMENT PRACTICES

3. THE RECOMMENDED GUIUDIANCE FOR BMPS FOR INVASIVE SPECIES REMOVAL ARE THOSE FOUND IN "BEST MANAGEMENT PRACTICES FOR CONTROL OF NON-NATIVE INVASIVES" (2009 OR MOST RECENT REVISION) PREPARED BY THE NATURAL RESOURCES STEWARDSHIP SECTION, PARK PALNNING AND RESOURCE STEWARDSHIP DIVISION, MONTGOMERY COUNTY DEPARTMENT OF PARKS, M-NCPPC AND CAN BE FOUND AT: http://www.montgomeryparks.org/PPSD/Natural_Resources_Stewardship/ Veg_Management/documents/nni-bestmanagementpractices-jan2015.pdf

INITIATION OF CONTROL MEASURES

- 3. PRIOR TO BEGINNING INVASIVE CONTROL, IDENTIFY AREAS OF EACH PLANT TO BE ERADICATED. UTILIZE A LICENSED HERBICIDE APPLICATOR AND OBTAIN APPROVAL FOR USE OF HERBICIDES.
- 4. PER THE SPECIFIC CONTROL METHODS FOR EACH SPECIES, THERE ARE SEASONAL REQUIREMENTS FOR APPLICATION OF CONTROLS THAT WILL MAXIMIZE SUCCESSFUL IMPLEMENTATION OF CONTROL MEASURES WHICH SHOULD BE TAKEN INTO ACCOUNT WHEN THE SITE EVALUATION IS PERFORMED. THESE REQUIREMENTS SHALL BE DETERMINED BY THE QUALIFIED PROFESSIONAL AND IMPLEMENTED BY A MARYLAND LICENSED HERBICIDE APPLICATOR.
- 5. 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 OR TO THE HERBACEOUS PLANT. THE USE OF ANY HERBICIDE SHALL BE DONE IN ACCORDANCE WITH THE LABEL INSTRUCTIONS AND BE APPLIED BY A MARYLAND CERTIFIED PESTICIDE APPLICATOR.
- 6. CARE SHALL BE TAKEN NOT TO DAMAGE TRUNKS OF TREES AND NATIVE VEGETATION. ONLY HAND TOOLS SHOULD BE USED TO AVOID UNNECESSARY DISTURBANCE TO
- MOTORIZED WHEELED EQUIPMENT USED FOR HAULING SHALL NOT BE DRIVEN INTO THE FOREST AREA; IT SHOULD BE PARKED IN THE OPEN AREAS ADJACENT TO THE AREAS WHERE INVASIVE SPECIES ARE BEING CONTROLLED.
- 8. ALL INVASIVE SPECIES CONTROL WORK SHALL BE DONE BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST OR APPROPRIATE LICENSED/QUALIFIED PROFESSIONAL.
- 9. ALL CUT VEGETATIVE MATERIAL LESS THAN 2" DIAMETER SHALL BE BAGGED AND DISPOSED OF IN THE LANDFILL; ALL MATERIAL GREATER THAN 2" DIAMETER SHALL BE CUT TO ALLOW CONTACT WITH THE GROUND, THUS ENCOURAGING DECOMPOSITION; MULCHING OF MATERIALS IS NOT PERMITTED ON-SITE AND NOT RECOMMENDED OFF-SITE.

SUBSEQUENT SITE EVALUATIONS

- 10. THE SITE SHOULD BE EVALUATED TWICE MONTHLY ONCE CONTROL MEASURES HAVE BEEN INITIATED EACH GROWING SEASON, BETWEEN APRIL AND NOVEMBER OF EACH YEAR, TO MONITOR SUCCESS OF CONTROL MEASURES AND DETERMINE RECOMMENDATIONS FOR FURTHER ACTION BASED ON FIELD CONDITIONS.
- 11. ALL SITE EVALUATIONS SHOULD BE PERFORMED BY, OR UNDER THE SUPERVISION OF, A CERTIFIED ARBORIST OR OTHER APPROPRIATELY QUALIFIED PROFESSIONAL. WRITTEN REPORTS OF SITE CONDITIONS FOUND DURING EACH SITE EVALUATION ALONG WITH RECOMMENDATIONS FOR FURTHER ACTION, SHOULD BE PREPARED BY THE SITE EVALUATOR WHICH SHOULD THEN BE SUBMITTED TO, REVIEWED, AND APPROVED BY THE SITE INSPECTOR

PROPOSED MAINTENANCE PLAN

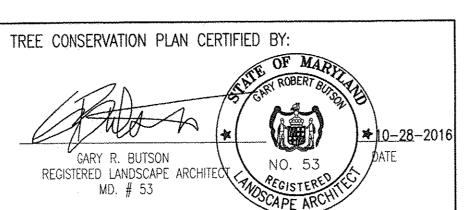
- 12. MAINTENANCE SHOULD OCCUR BETWEEN MARCH NOVEMBER FOR A MINIMUM OF 4 YEARS. AFTER 2 YEARS THE SITE SHOULD BE EVALUATED FOR SUCCESS OF INVASIVES CONTROL AND MONITORED ANNUALLY UNTIL ALL INVASIVES HAVE BEEN SUCCESSFULLY ERADICATED TO A LEVEL OF LESS THAN 20 PERCENT. SINCE INVASIVES LIKELY OCCUR ON ADJACENT PROPERTIES, IT IS LIKELY THAT THE SITE WILL REQUIRE CONTINUOUS MONITORING TO ENSURE ADEQUATE INVASIVES
- 13. INVASIVE PLANT REMOVAL SHALL BE COMPLETED PRIOR TO COMPLETION OF THE 4 YEAR MAINTENANCE AND MANAGEMENT PLAN AND CONFORM TO THE RECOMMENDATIONS OF THIS INVASIVE PLANT REMOVAL PLAN

(Add any specific control measures or recommendations here)

PREPARED BY GARY R. BUTSON

Qualification: Registered Landscape Architect MD. #53

SEPT 13, 2016.



OWNER/DEVELOPER:

MAGRUDER PROPERTY, LLC. 24012 FREDERICK ROAD CLARKSBURG, MD. 20871 PH: 301-428-0800

MISS UTILITY FOR LOCATION OF UTILITIES CALL 1-800-257-7777 48 HOURS IN ADVANCE OF ANY WORK IN THE VICINITY

SURVEYOR'S DE VELOPMENT PLANNERS DE

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

TREE CONSERVATION PLAN APPROVAL

Approved by

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TCP2 -011 - 2016

09-15-16: Revised

per county comments

DATE: SEPT, 2016 CHECKED Date DRD# Reason for Revision 1' = 30'

PROJECT/FILE NO. 15-044 SHEET NO. 11 OF 11