

- Legend**
- ▲ WPA Signs
  - WRA Signs
  - PMA (Primary Management Area - Platted)
  - Tree Area Not Woodland
  - Ex Treeline 2023
  - Stream
  - SB- Stream Buffer 100-foot
  - Comar 50 foot Stream Buffer
  - Fence (Proposed 6-foot)
  - Structures (Proposed)
  - Street Trees (existing)
  - Property Boundary
  - Property Boundary Adjacent
  - Easements
  - BRL (Building Restriction Limit)
  - Marlboro Clay
  - WPA (Woodland Preservation Area)
  - WRA (Afforestation Area)
  - WP-AC (Woodland Preserved - Assumed Cleared)
  - Contour 10-foot
  - Contour 2-foot
  - Slopes 15% or greater

General Information Table		
Layer Category	Layer Name	Value
Zone	Zoning (Zone)	AG (O-5)
Zone	Aviation Policy Area (APA) <sup>1</sup>	NA
Administrative	Tax Grid (TMG)	93 D-3
Administrative	WSSC Grid (Sheet 20)	2065E14
Administrative	Planning Area (Plan Area)	79
Administrative	Election District (ED)	3
Administrative	Councilmanic District (CD)	9
Administrative	General Plan 2002 Tier (Tier)	Rural
Administrative	General Plan Growth Policy 2035	Rural & Agricultural
Administrative	Police District	II

<sup>1</sup> If the site is within an APA, enter the name of the airport

Forest Conservation Act Reporting Information (Change Table)				
	Original Approval	Revision Number (-01)	Revision Number (-02)	Cumulative Change
Net Tract (Acres)	5.02	5.02		0.00
Existing Woodland (Acres)	3.25	3.25		0.00
Woodland Cleared (Acres)	0.63	0.77		0.14
Woodland Retained On-Site (Acres)	2.62	2.48		-0.14
Woodland Planted On-Site (Acres)	0.00	0.16		0.16
On-Site Woodland Easement/Preservation and Planting (Acres)	2.62	2.48		-0.14
On-site Wooded Floodplain in Easement (Acres)	0.00	0.00		0.00
Bond Amount	0.00	0.00		0.00
Fee-In-Lieu Amount	0.00	0.00		0.00
50' Stream Buffers Conserved (Preservation) Linear Length	228'	228'		0.00
50' Stream Buffers Conserved (Preservation) - Acreage	0.59	0.59		0.00
50' Stream Buffers Newly Established (Afforestation) Linear Length	0'	0'		0'
50' Stream Buffers Newly Established (Afforestation) Acreage	0.00	0.00		0.00
Off-Site Woodland Conservation Credits Required (Acres)	0.00	0.00		0.00
Off-Site Woodland Conservation Credits Provided (Acres)	0.00	0.00		0.00

1 Include exhibit showing 50-foot Stream Buffer labeled as "COMAR 50-foot Stream Buffer"

The existing play area includes 2 slides, 2 small play houses and swings.

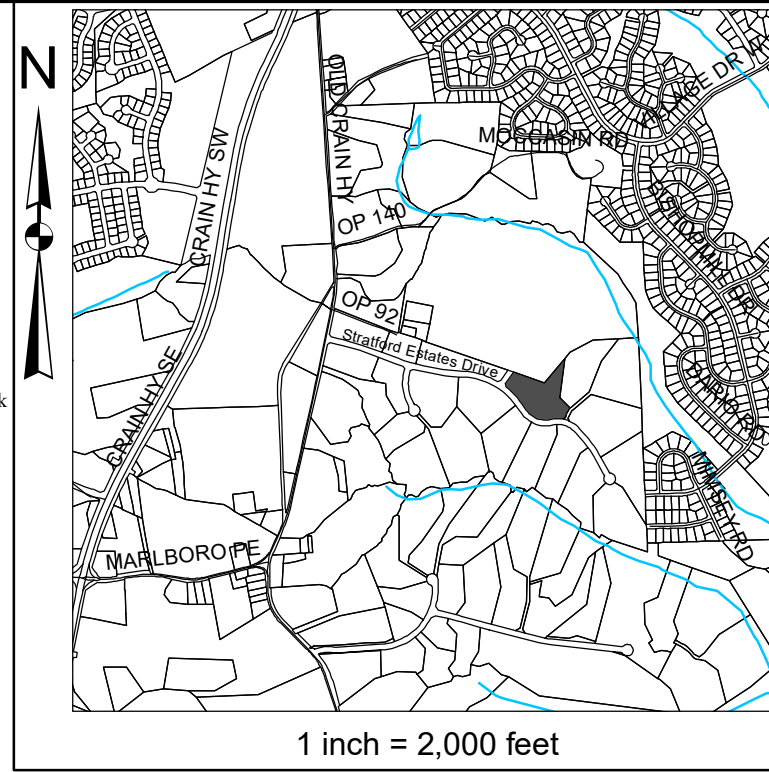
The 0.14 acres of clearing has already occurred to permit for the construction of the two sheds. The 2 sheds, a portion of the patio and the play area are all existing and located within that cleared area. No additional clearing is proposed by this Plan.

Per discussions, it was agreed that installation of a permanent protective fence would not be required. The Afforestation Area signs shall denote the location of the Afforestation Area. No mowing will be permitted within the limits of the Afforestation area. Weeding around the trees may be done to help with the survival and growth of the trees.

Site Statistics Table		
Site Statistics	Total <sup>1</sup> (acres)	
Gross tract area	5.02	
Existing 100-year floodplain	0.00	
Net tract area	5.02	
Existing woodland in the floodplain	0.00	
Existing woodland net tract	3.25	
Existing woodland total	3.25	
Existing PMA	2.28	
Regulated streams (linear feet of centerline)	228'	
Riparian (wooded) buffer up to 300 feet wide <sup>2</sup>	2.42	

<sup>1</sup> Figures are to be provided in acres rounded to the nearest 1/100<sup>th</sup> of an acre unless otherwise indicated.  
<sup>2</sup> Acreage of the onsite woodland up to 300 feet measured from the stream centerline or from the top of bank on both sides of all regulated streams.

\*\*\*Specimen Tree #28 was shown on the original TCP2-017-06 plan as being located on this lot near the northern tip of the property. That 34" Beech tree could not be found during a February 16, 2023 site visit. No trees in the vicinity of the tree location on the prior plan were of that species. Thus the tree is not shown on this plan.



#### Individual TCP2 with Previously Approved TCP1 or TCP2 Woodland Conservation Worksheet for Prince George's County

##### SECTION I -- Establishing Site Information (Enter acres for each zone)

1 Zone:	AG		
2 Gross Tract:	5.02		
3 Floodplain:	0.00		
4 Previously Dedicated Land:	0.00		
5 Net Tract (NTA):	5.02	0.00	0.00

6 Property Description or Subdivision Name:	Stratford, Lot 4		
7 Current TCP Number:	TCP2-017-06	Rev #	4
8 Previous TCP Number:	TCP2-017-06	Rev #	3

Site subject to the 2010 Ordinance (Y or N) ☐ N  
Is this a priority funding area? (Y or N) ☐ N

##### SECTION II - Determining Woodland Conservation Requirements (Enter acres in corresponding column)

	Net tract	Floodplain
9 Woodland Conservation Calculations:		
11 Acreage of Existing Woodland	3.25	0.00
12 Woodland Conservation Required for per TCP1 or TCP2	51.79%	2.60
13 Area of Woodland Cleared per previous TCP1 or TCP2	0.63	0.00
14 Area of Woodland Cleared per current TCP2	0.77	0.00
15 Area of Woodland above WCT not cleared by previous TCP1 or TCP2	1.15	Entire Site
16 Additional Woodland Cleared by current TCP2	0.14	0.00
17 Does the TCP1 show 2:1 replacement?	N	
18 Clearing above WCT (1/4:1 Replacement)	0.14	Replacement required = 0.04
19 Clearing below WCT (2:1 Replacement)	0.00	Replacement required = 0.00
20 Total Woodland Conservation Required :	2.64	

##### SECTION III-Meeting the Requirement (Enter acres in corresponding column)

21 Woodland Conservation Provided:	2.48	
22 Woodland Preservation	0.16	Bond amount: \$ 2,090.88
23 Reforestation / Afforestation	0.00	
24 Natural Regeneration	0.00	
25 Landscape Credits	0.00	
Street Tree Credit (Existing or 10-year canopy coverage)	0.00	
26 Area approved for fee-in-lieu	0.00	Fee amount: \$0.00
27 Credits Received for Off-site Mitigation on another property	0.00	
28 Off-site Mitigation provided on this property	0.00	
29 Total Woodland Conservation Provided	2.64	

29 Area of net tract woodland not cleared 2.48 acres  
30 Woodland retained not part of requirements: 0.00 acres

31 Prepared by: Date:  
32 Qualifications:

I/We Joan Godfrey 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.

Joan Godfrey Date 5/2/23

#### QUALIFIED PROFESSIONAL CERTIFICATION

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

Signed: John P. Markovich Date: 5/11/2023

John P. Markovich  
JM Forestry Services, LLC  
11552 Timberbrook Drive  
Waldorf, MD 20601  
Phone: 301-751-4888  
Email: JPMarkovich@comcast.net



Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-017-2006				
Approved by	Date	DRD #	Reason for Revision	
00 Revision K. Finch	4/15/2006	DSP-06088		
01 Revision K. Finch	3/20/2007	DSP-06088	Revise Lot 20 house location	
02 Revision K. Finch	6/15/2015	NA	Revise Lot 9 increase LOD for garage behind house	
03 Revision K. Finch	3/30/2016	NA	Revise per LDSP-06088-01 approval	
04 Revision Christian Merli	5/11/2023	NA	Revise Lot 4 LOD for pool	

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**APPLICANT / DEVELOPER**  
Clarence and Joan Godfrey  
16500 Stratford Estates Drive  
Upper Marlboro, MD 20772  
Phone: 240-361-9135

## Type II Tree Conservation Plan Single Lot Revision TCP2-017-06

**Stratford Estates, Lot 4**  
**16500 Stratford Estates Drive**  
3rd ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY, MARYLAND

REVISIONS	
DWN	Checked
JPM	JPM
Scale	1" = 50'
Project No.	23-003
Sheet No.	1 of 1



Standard Type 2 Tree Conservation Plan Notes

1. This plan is submitted to fulfill the woodland conservation requirements for Permit. If the Permit expires, then this TCP2 also expires and is no longer valid.
2. Cutting or clearing woodlands not in conformance with this plan or without the expressed written consent of the Planning Director or designee shall be subject to a \$9.00 per square foot mitigation fee.
3. A pre-construction meeting is required prior to the issuance of grading permits. The Department of Permitting, Inspections and Enforcement (DPIE), 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.
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 ES&L Formed by the Rural Tiger and is zoned AG (formerly O-S).
7. The site is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway.
8. The site is not adjacent to a roadway classified as arterial or greater.
9. This plan is grandfathered by CB27-2010, Section 25-119(g).

Tree Preservation and Retention Notes

10. 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 understorey 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.
11. Tree and woodland conservation methods such as root pruning shall be conducted as noted on this plan.
12. 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.
13. 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.
14. Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TCF installation. These signs must remain in perpetuity.

Removal of Hazardous Trees or Limbs by Developers or Builders

15. 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.
16. 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 trees has a potential to fall and strike a structure, parking area, or other high use area and result in personal injury or property damage.
17. 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 to near the existing ground level. The stump shall not be removed or covered with soil, mulch or other materials that would inhibit sprouting.
18. 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.

- a. If corrective pruning may alleviate a hazardous condition, the Certified Arborist or a Licensed Tree Expert may proceed without further authorization. The pruning must be done in accordance with the latest edition of the appropriate ANSI A-300 Pruning Standards. The condition of the area shall be fully documented through photographs prior to corrective action being taken. The photographs shall be submitted to the inspector for documentation of the damage.
- b. 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.
- c. 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.

Afforestation and Reforestation Notes

19. 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, whichever is longer.
20. The planting of afforestation or reforestation areas shall be completed prior to May 2024 since seedling planting stock is not available again till the spring of 2023. Seedling planting is to occur from November through May only. No planting shall be done while the ground is frozen. Planting with larger caliper stock or containerized stock may be done at any time provided a detailed maintenance schedule is provided.
21. 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 county inspector.
22. 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 reforestation areas is acceptable.
23. 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 the clearing and grading of the site. Failure to install and maintain temporary or permanent tree protective fencing is a violation of this TCP2.
24. 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 perpetuity.
25. The county inspector shall be notified prior to soil preparation or initiation of any tree planting on this site.
26. 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.
27. Result of annual survival check for each of the required four years after tree planting shall be reported to the M-NCPPC, Planning Department.
28. 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.

Planting Specification Notes

29. Quantity: (See Plant Schedule)
30. Type: (See Plant Schedule)

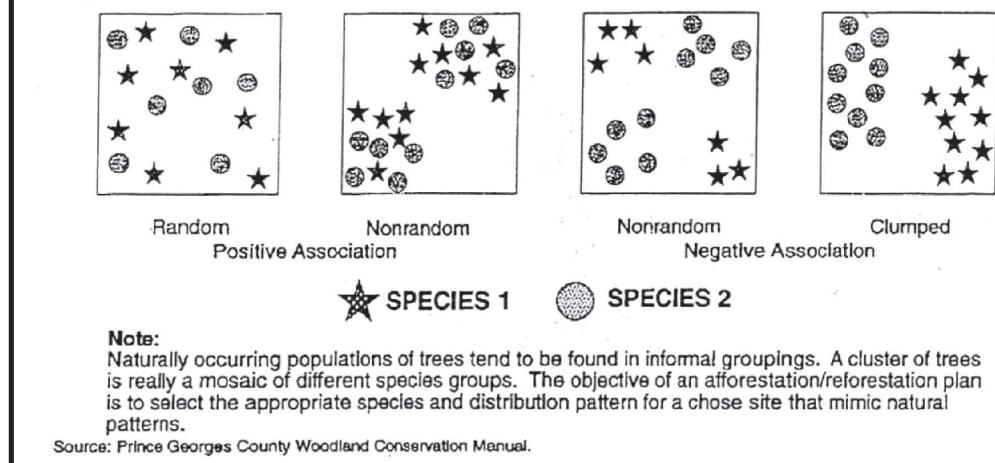
Afforestation Area #1				Acreage		0.16	Upland Plantings	
Species	Common Name	Type	Height	Credit/Unit	Quantity		Reforestation Credits	Percent of Stocking
Botanical Name				0		0	0	0.0%
				0		0	0	0.0%
				0		0	0	0.0%
				0		0	0	0.0%
Platanus occidentalis	Sycamore	Seedling	1	25	25	25	25	20.0%
Liriodendron tulipifera	Tulip Poplar	Seedling	1	25	25	25	25	20.0%
Quercus paulustris	Pin Oak	Seedling	1	25	25	25	25	20.0%
Cornus stolonifera	Red Osier Dogwood	Seedling	1	25	25	25	25	20.0%
Cercis canadensis	Redbud	Seedling	1	25	25	25	25	20.0%

The following species may be substituted in the event of supply issues: Gray Dogwood; Sweetgum, Southern Red Oak, Serviceberry

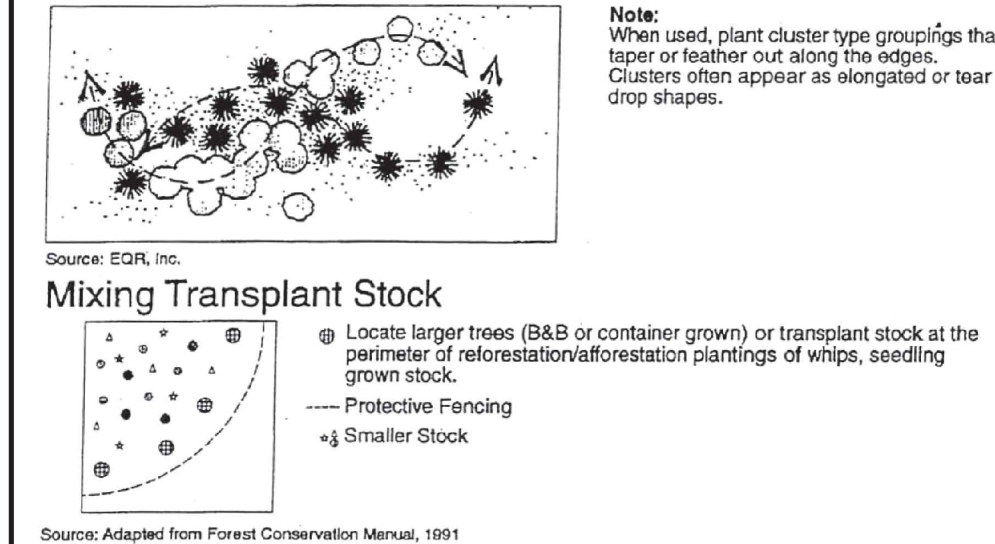
Reforestation Units Provided = 125  
Total Reforestation Units Required = 112  
Excess Planting Units = 13

31. Plant Quality Standards: The plants selected shall be healthy and sturdy representative of their species. Seedlings shall have a minimum top growth of 18". The diameter of the root collar (the part of the root just below ground level) shall be at least 3/8". The roots shall be well developed and at least 8" long, no more than twenty-five percent (25%) of the root system (both primary and auxiliary/fibrous roots) shall be present.
  - a. Plants that do not have an abundance of well developed terminal buds on the leaders and branches shall be rejected.
  - b. 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.
  - c. 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 periodic watering, until the time of planting.
32. 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.
33. 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 soils is moist, but may be planted from March through November. No planting shall be done while the 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.
34. 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 shall 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 hold 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 contracted and give his approval before planting may begin.
35. 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.
36. 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 on soil sample for each area that appears to have a different soil type (if the entire area appears uniform, then only on 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.
37. Soil Improvement Measures: the soil shall then be improved according to the recommendations made by the testing company.
38. 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.
39. Planting method: Consult the Planting Detail(s) shown on this plan.
40. Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted) to each planting site (see detail shown on this plan).
41. 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.
42. Mowing: No mowing shall be allowed in any planting area.
43. 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.
44. Source of Seedlings: state name, address, and phone number of nursery or supplier.
45. Four Year Management Plan for Re-Afforestation: 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.
45. Field check the re-afforestation area according to the following schedule:
  - Year 1: 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 minimum)
  - 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 minimum)
  - Year 4: Reinforcement planting if needed (See Note 2)  
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.
46. When woodlands and/or specimen, historic or champion trees are to remain:
  46. 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.
47. If a tree or portion thereof are in imminent danger of striking a structure, parking area, or other high use areas and may result in personal injury or property damage then the certification is not required and the permittee shall take corrective action immediately. The condition of the area shall be fully documented through photographs prior to corrective action being taken. The photos shall be submitted to the inspector for documentation of the damage.
48. 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.
49. The removal of noxious, invasive, and non-native plant species from any woodland preservation area shall be done with the use of hand-held equipment only (pruners or a chain saw). These plant may be cut near the ground and material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging decomposition.
50. 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.
51. 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.

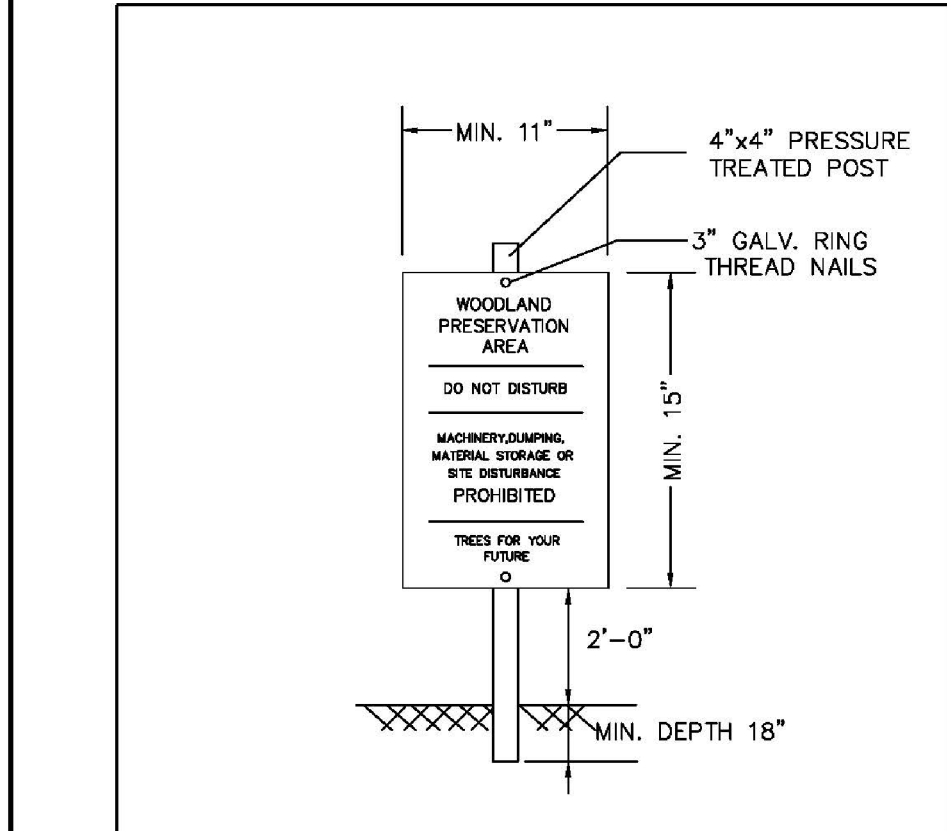
Typical Forest Tree Distribution Patterns



Aggregate Distribution Drift

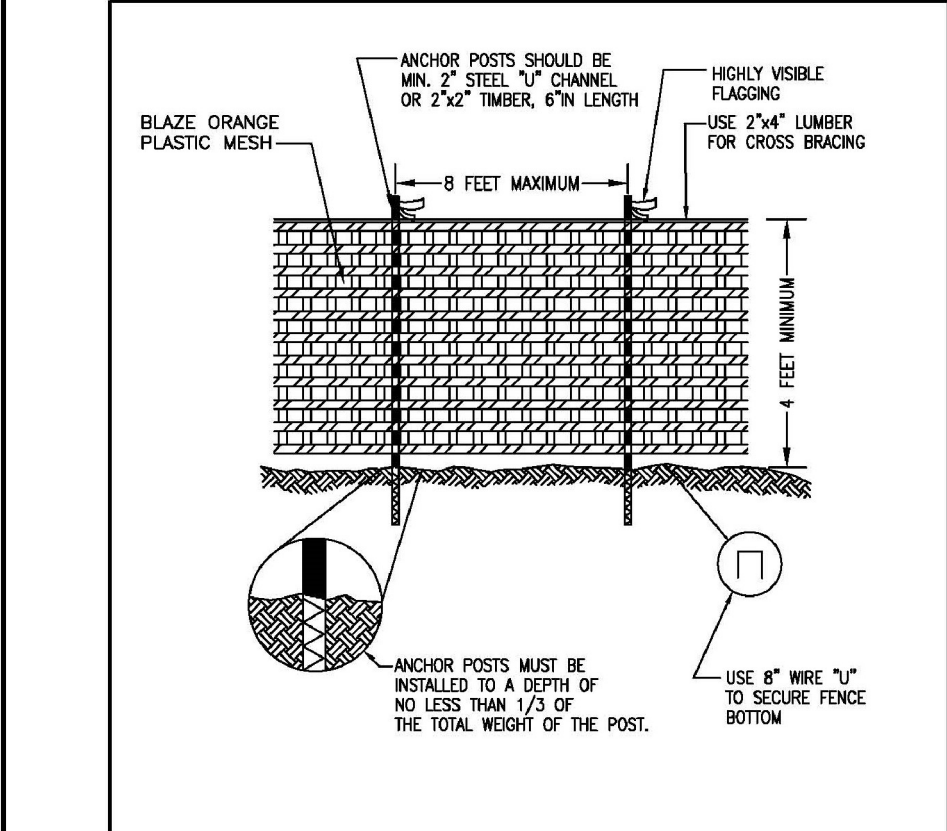


Planting Distribution Patterns



- NOTES:
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 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.

WOODLAND PRESERVATION AREA SIGN



- NOTES: (MUST BE INCLUDED WITH DETAIL)
1. FOREST PROTECTION DEVICE ONLY.
  2. RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS.
  3. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICES.
  4. AVOID ROOT DAMAGE WHEN PLACING ANCHOR POSTS.
  5. DEVICES SHOULD BE PROPERLY MAINTAINED DURING CONSTRUCTION
  6. PROTECTIVE SIGNAGE IS ALSO REQUIRED.

TYPE 1 (TEMPORARY) TREE PROTECTION FENCE DETAIL FOR WOODLAND PRESERVATION AREAS

Size	Number Required per Acre	Approximate Spacing feet on center	Survivability Requirement At the end of the second growing season
Bare Root Seedlings or Whips	700	8 x 8	75% 525
Container Grown Seedling Tubes (Minimum Cavity Width 1.5')	500	10 x 10	75% 375
Container Grown 1, 2, 3 Gallon	400	12 x 12	75% 300
Container Grown 5, 7 Gallon or 1" Caliper B & B	300	15 x 15	85% 255
Container Grown 15, 25 Gallon or 1.5 - 2" Caliper B & B	150	20 x 20	100% 150

Notes:

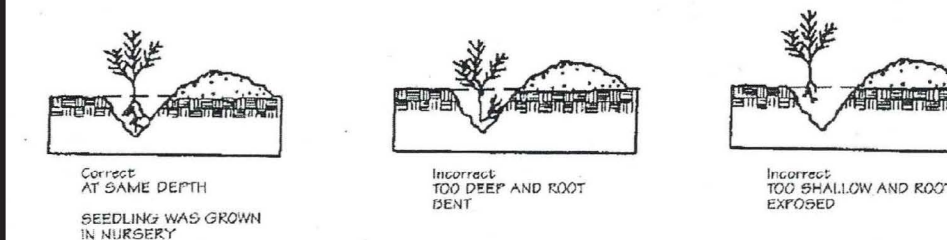
1. These stocking and survival requirements are the minimum numbers estimated to meet the definition of forest from bare land.
2. In certain circumstances, any combination of the above mentioned stocking options, dry seeding, tree shelters, transplants, and/or natural regeneration may be appropriate strategies to fulfill the requirements of an approved TCP. They will be evaluated on a case-by-case basis by the approving authority.
3. Spacing does not imply that trees or shrubs must be planted in a grid pattern.

Site Stocking

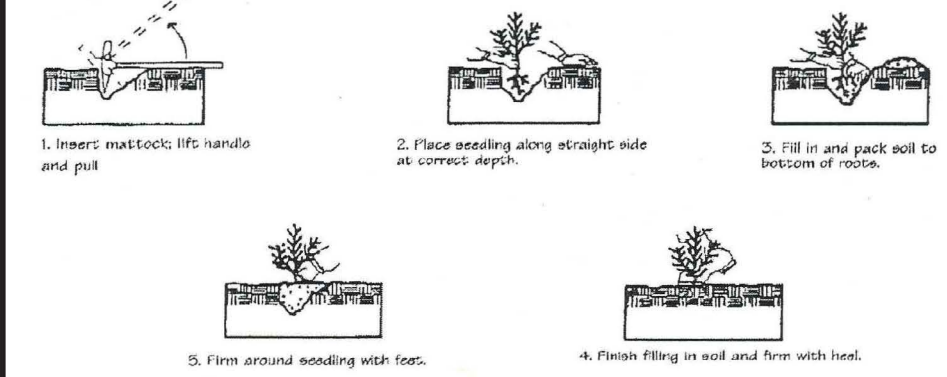
Seedling and Whip Planting



Correct and Incorrect Planting Depth



Mattcock Planting



Source: Adapted from Forest Conservation Manual, 1991

Seedling and Whip Planting Techniques

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Type II Tree Conservation Plan  
Single Lot Revision  
TCP11-017-06

Stratford Estates, Lot 4  
16500 Stratford Estates Drive  
3rd ELECTION DISTRICT  
PRINCE GEORGE'S COUNTY, MARYLAND

QUALIFIED PROFESSIONAL CERTIFICATION

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

Signed: *John P. Markovich* Date: *5/1/2023*

John P. Markovich  
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STATE OF MARYLAND  
COMMISSIONED FORESTER  
JOHN P. MARKOVICH  
BOND OF FORESTERS

Prince George's County Planning Department, M-NCPPC Environmental Planning Section TYPE 2 TREE CONSERVATION PLAN APPROVAL TCP2-017-2006			
Approved by	Date	DRD #	Reason for Revision
00 Revision	K. Finch	4/15/2006	DSP-06088
01 Revision	K. Finch	3/20/2007	DSP-06088
02 Revision	K. Finch	6/15/2015	NA
03 Revision	K. Finch	3/30/2016	NA
04 Revision	Christian Marini	5/11/2023	NA

DWN Checked  
JPM JPM

Scale  
1" = 50'

Project No.  
23-003

Sheet No.  
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