

P.G. COUNTY MAP NO. 27, GRID C-1

Standard Type 2 Tree Conservation Plan Notes

- 1. This plan is submitted to fulfill the woodland conservation requirements for A GRADENO FEMALE. expires, then this TCP-2 also expires and is no longer valid.
- 2. 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 \$9.00 per square foot mitigation fee.
- A pre-construction meeting is required prior to the issuance of grading permits. The Department of Public Works and Transportation or the Department of Environmental Resources, as appropriate shall be contacted prior to the start of any work on the site to conduct a pre-construction meeting where implementation of woodland conservation measures shown on this plan will be discussed in detail.
- 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 a time of contract signing. Future property owners are also subject to this requirement.
- The owners of the property subject to this tree conservation plan are solely responsible for conformance to the requirements contained herein.
- 6. The property is within the _____(Developed, Developing, Rural) Tier and is zoned 7. The property is adjacent to ______ (state, street/road name) which is designated (scenic, historic, scenic and historic, parkway, or scenic byway) roadway.
- If no adjacent roadway is designated as scenic, historic, a parkway or a scenic byway then use the following note for #7: The site is not adjucent to a roadway to a designated as scenic, historic, a parkway or a
- 8. The property is adjacent to LAROG ROAD (provide roadway name) which is classified as a ARTISMA. (provide road ay classification if arterial or greater) roadway.
- 9. 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 to clearing woodland areas that are not specifically identified to be cleared on the

- 10. Tree and woodland conservation methods such as root pruning shall be conducted as noted on this plan.
- 11. 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 arrival of the locations by the county inspector, installation of the TPFs may begin,
- 12. 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.
- 13. Woodland preservation areas shall be posted with signage as shown on the plans at the same time as the temporary TPF installation. These signs much remain in perpetuity.
- 14. 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.
- 15. 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 fail and strike a structure, parking area, or other high use area and result in personal injury
- 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 trees 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.
- 17. If a tree or trees become hazardous prior to bond release, 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 the corrective action being taken. These photos shall be submitted to the inspector for documentation of the damage.

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

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
- 18. 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. Debris piles shown in woodland preservation areas shall be removed by hand without the use of mechanical equipment within the preseration area. Chains may be used to pull

debris out of the preservation areas. Caution must be used not to damage remaining

- 20. 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.
- 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 march through November only. No planting shall be done with ground is frozen. Planting with a larger caliper stock or containerized stock may be done at any time provided a detailed maintenance schedule is provided.
- 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 re during the next planting season. A copy of that document shall be presented to the Grading Inspector and the county.

- 23. Reforestation areas shall not be mowed; however, the management of competing vegetation around individual trees and removal of noxious, invasive, and non-native vegetation within the reforestation areas is acceptable.
- 24. All required temporary tree protection fencing shall be installed prior to the clearing and grading of the site and shall remain in the 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
- 25. 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
- 26. The county inspector shall be notified prior to soil preparation or initiation of any tree
- 27. 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 28. Failure to establish the afforestation or reforestation within the prescribed time frame will result in the forfeiture of the referestation bond and/or a violation of this plan including the associated \$9.00 per square foot penalty unless the county inspector approves a

Planting Specification Notes

- Quantity: (See Plant Schedule)
- Type: (See Plant Schedule)
- 31. Plant Quality Standards: The plants selected shall be healthy and sturdy representatives 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 Plants that do not have an abundance of well developed terminal buds on the leaders and

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 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.
- Time 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
- Seedling Planting: Tree seedlings shall be hand planted using a dibble bar or sharpshooter 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 Schodule and/or Planting Plan for spacing requirements. Also refer to the Planting Layout detail for a description of the general planting theory.
- Soil: Upon the completion of all grading operations, a soil test shall be conducted to 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,

- 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. Sings 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 plating site (see detail shown on this plan).
- 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. Prior to the issuance of the first permit for the development shown on this TCP2, allow off site woodland conservation required by this plan shall be identified on an approved TCP2 plan and recorded as an off-site easement in the land records of Prince George's
- 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

County. Proof of recordation of the off-site conservation shall be provided to the M-

NCPPC, Planning Department prior to issuance of any permit for the associated plan.

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

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

- 47. 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.
- 48. 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 stump immediately following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions.
- 49. 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. 51. Reforestation fencing and signage shall remain in place in accordance with the approved
- 52. 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

REFORESTATION SCHEDULE FOR 0.06 AC. TOTAL SEEDLINGS REQUIRED : 0.06 x 700/AC = 42

PLANT SCHEDULE

Common Name yellow-poplar American beech box-elder sweetgum red maple

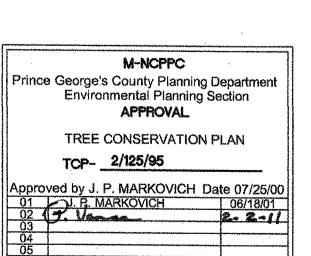
<u>Scientific Name</u> Betula nigra Fagus grandifolia Acer negundo Liquidambar styraciflua Acer rubrum TOTAL:

Seedling

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

Kenneth R. Wallis McCarthy and Associates, Inc. 14458 Old Mill Road Suite, 201 Upper Mariboro, MD 20772

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 7943, EXPIRATION DATE: 07/09/2011



M-NCPPC APPROVALS PROJECT NAMEST. May of the Assumption PROJECT NUMBER: DSP- 01052 For Conditions of Approval see Site Plan Cover Sheet or Approval Sheet Revisions Listed Below Apply to This Sheet 02 1.29-10 MF 2.24.11

DESIGNED BY: WNS SR.

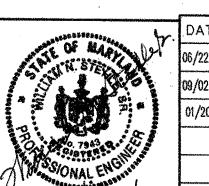
DRAWN BY: ABF

DRAWING NO: 083

SDP-0415/3

ST. MARY OF THE ASSUMPTION **ELEMENTARY SCHOOL** MARLBORO (3RD) ELECTION DISTRICT

PRINCE GEORGE'S COUNTY, MARYLAND APPROVED PLAN



REVISION 06/22/10 REVISED GENERAL NOTES, ADDED PROP. USES. PAR. 45 AND 77 09/02/10 REVISED PER REVIEWER'S COMMENTS 01/20/11 REVISED AS PER MCCARTHY AND ASSOC. ABF SCALE: 1"=50" DATE: JANUARY, 2011 JOB NO: J-04086

STEHLE ENGINEERING CORPORATION 14400 OLD MILL ROAD, SUITE 101, UPPER MARLBORO MD 20772 (301) 627-6700

UPPER MARLBORO, MARYLAND

4610 LARGO ROAD

TREE CONSERVATION PLAN II

BOUNDARY AND TOPOGRAPHIC INFORMATION CREDITED TO: RDA, INC. 14603 MAIN STREET, SECOND FLOOR UPPER MARLBORO, MARYLAND 20772 TELEPHONE: (301) 627-3100

PROPERTY OWNER: ROMAN CATHOLIC ARCHBISHOP OF WASHINGTON C/O FATHER FOLEY 14908 MAIN ST UPPER MARLBORO, MARYLAND 20772 TELEPHONE: (301) 627-4170

Signed: Much _Date: 2-1-11

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