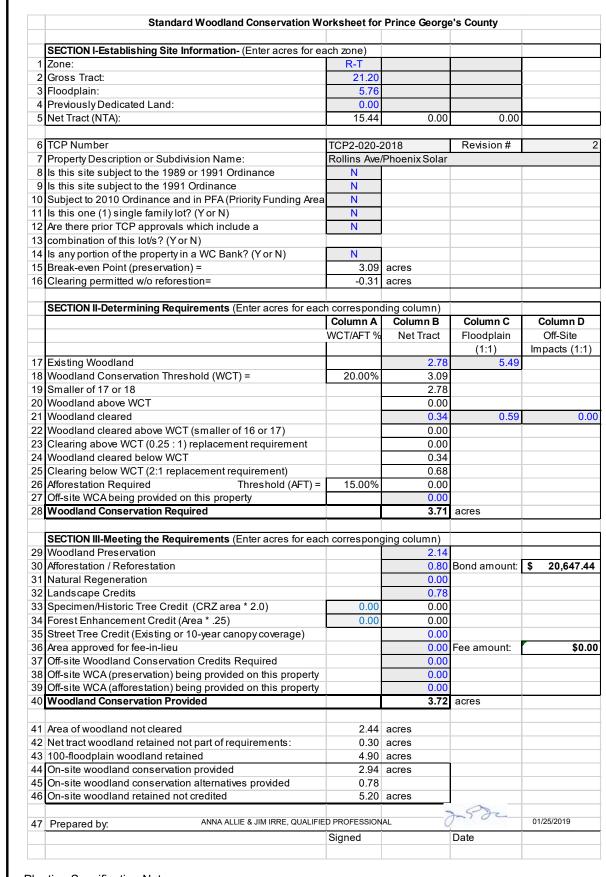


-LANDSCAPE BUFFERS CLAIMED FOR CREDIT ARE AT LEAST 35 FEET WIDE, CONTIGUOUS WITH FOREST PRESERVATION OR AFFORESTATION AREAS, AND WILL BE PLANTED TO A DENSITY OF 100 TREES PER ACRE -AFFORESTATION AREAS CONTAIN SOME EXISTING TREES, BUT WILL BE PLANTED TO MEET THE DENSITY OF 100 TREES PER ACRE



1. Quantities shown on the plan and in planting schedules are consistent with Landscape Plan provided by Bohler Engineering, entitled "Site Development Plan (Private) for Sol Systems, LLC" Sheets C-700 to C-705, dated 06/05/2018, last revised 01/18/19.

2. Type: see planting schedules this sheet and cover sheet. 3. 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 root system (both primary and auxiliary/fibrous roots shall be present. 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 periodic watering, until the time of planting.

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. 6. 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. 7. Spacing: See Landscaping Plan for spacing requirements. Also refer to the Landscaping Plan for a description of the

general planting theory, details this sheet. 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,

9. Soil Improvement Measures: the soil shall then be improved according to the recommendations made by the testing

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 sheet

12. Mulching: Apply two-inch thick layer of woodchip or shredded hardwood mulch (as noted) to each plating site (see detail shown on the Landscaping Plan). 13. Groundcover Establishment: the remaining disturbed area between seedling planting sites shall be seeded and stabilized withan appropriate mix from the Natural Resources Conservation Practice Standard for Conservation Cover (Code 327),

Table 2: Selected List of Herbaceous Cover Mixes based on the specific characteristics of the site. 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.

Four-Year Management Plan for Re/Afforestion Areas

magnesium, phosphorus, potassium, calcium and organic matter.

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 as 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.)

Year 4: Reinforcement planting if needed. (See Note 2)

-Survival check (September –November)

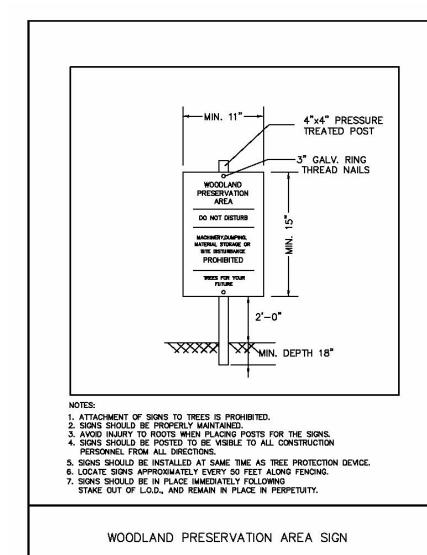
1. Survival Check: Check planted stock against plant list (or as- built) by walking the site and taking inventory. Plants must show vitality. Submit field data forms (Condition Check Sheets) to owner after each inspection. Remove all dead plants. 2. Reinforcement Planting: Replace dead or missing plants 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

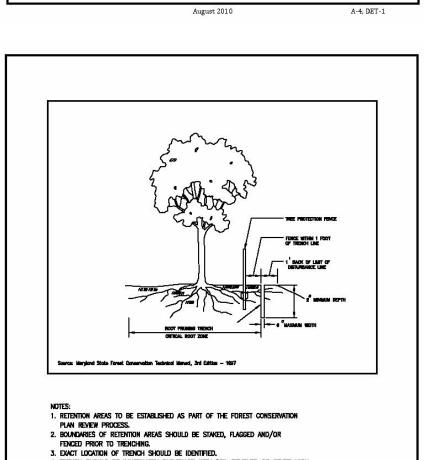
3. Miscellaneous: Fertilization or watering during years 1 through 3 will be done on an as needed basis. Special return operations or recommendations will be conducted on an as needed basis.

Invasive/Undesirable Plant Removal

a. Invasive plant removal shall be completed prior to Tree Planting in Year 1 and conform to the recommendations below. b. The removal of noxious, invasive, and non-natives plant species shall be done with the use of hand-held equipment only such as pruners or a chain saw. These plants may be cut near the ground and the material less than two inches diameter may be removed from the area and disposed of appropriately. All material from these noxious, invasive, and non-native plants greater than two (2) inches diameter shall be cut to allow contact with the ground, thus encouraging 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

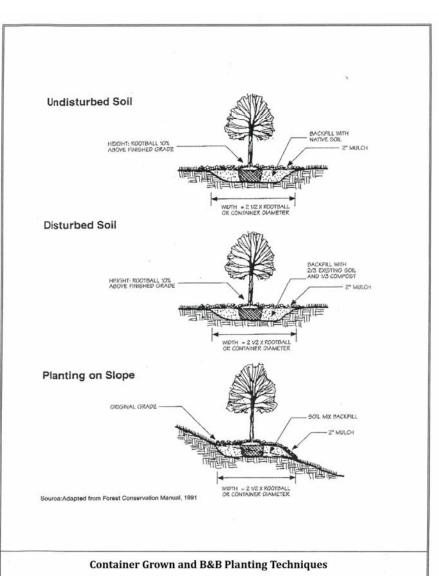
following cutting of plant tops. The use of any herbicide shall be done in accordance with the label instructions and be applied by a certified pesticide applicator.

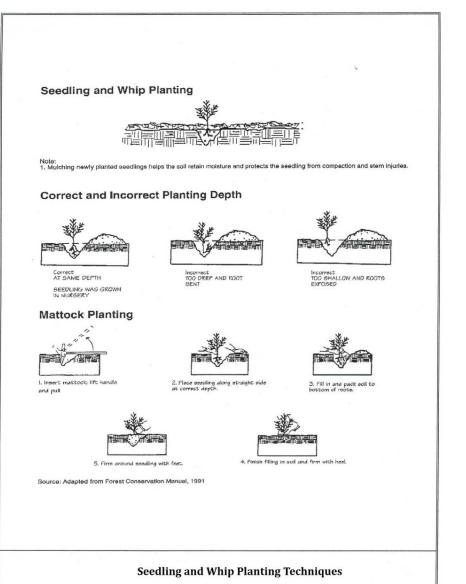




4. Trench should be immedialtey backfilled with soil removed or other high ORGANIC SOIL.

5. ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE ROOT PRUNING August 2010 A-4, DET-10





4"x4" PRESSURI

At the end of the sec

TREATED POST

WOODLAND CONSERVATION AREA

REFORESTATION

PROJECT

DISTURBANCE TO SEEDLINGS, SHRUBS OR TREES IS PROHIBITED

TREES FOR YOUR FUTURE

ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 SIGNS SHOULD BE PROPERLY MAINTAINED.
 AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 SIGNS SHOULD BE POSTED TO BE VISIBLE TO ALL CONSTRUCTION.

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

5. SIGNS SHOULD BE INSTALLED AT SAME TIME AS TREE PROTECTION DEVICE.
6. LOCATE SIGNS APPROXIMATELY EVERY 50 FEET ALONG FENCING.

REFORESTATION AREA SIGN

TO BE PLACED ON SPLIT RAIL/PERMANENT FENCE

10 x 10

12 x 12

15 x 15

20 x 20

These stocking and survival requirements are the minimum numbers estimated to meet th

ertain circumstances, any combination of the above mentioned stocking options, dry

ding, tree shelters, transplants, and/or natural regeneration may be appropriate strat ulfill the requirements of an approved TCP. They will be evaluated on a case-by-ca

basis by the approving authority. Spacing does not imply that trees or shrubs must be planted in a grid pattern.

Site Stocking

ERSONNEL FROM ALL DIRECTIONS.

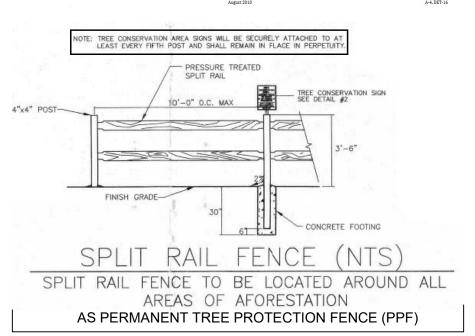
Container Grown Seedling Tubes (Minimum Cavity Width 1.5")

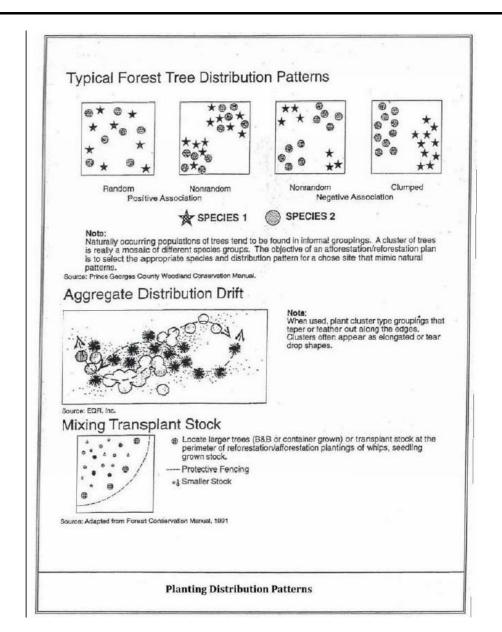
Container Grown 1, 2, 3 Gallon

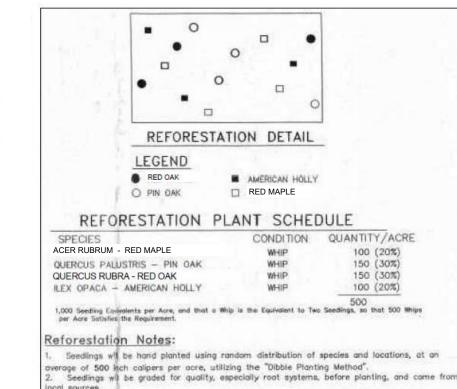
5, 25 Gallon or 5 - 2" Caliper B & B

2'-0"

MIN. DEPTH 18"







Contractor will provide for proper care of seedlings, including during transport, in storage, and

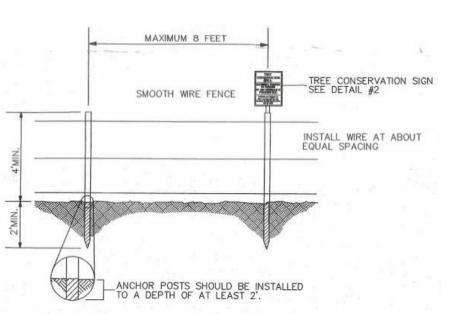
Any tree shown by inspection within 30 days of planting to be improperly planted will be eplaced and properly planted with new trees of the same type and specifications. If 20% or more of seedlings are improperly planted, the entire stand may be required to be replaced with new trees roperly planted, or the total cost of the trees and replanting repaid to the owner, at the owner : The planting contractor shall augrantee a minimum of 75% survival of the plants for 5 years date of planting. Plants will be field checked at least three times during the first year, with

watering if needed and control of undesirable vegetation if needed. Plants will be field checked two times during the second and third years with reinforcement planting if needed and control of sirable vegetation if needed. Plants will be field checked one time during the fourth and f years with reinforcement planting if needed. Records of survival to be maintained during the field hecks. Field data forms will be sent to the client after each visit. (See Tee Condition Check Sheet on plan.) Dead plants will be replaced to maintain at least 75% survival. Perimeter fencing and signage will be removed after year 5 based on the date planted.

Contractor will locate all existing utilities prior to start of operations.

Contractor to adjust plant locations to avoid existing utilities and maintain existing ments. New plant locations to be approved by the County and/or Urban Forester Contractor & liable for damages caused to any utilities, including any repairs, at no additional Contractor is liable for damages he causes during planting to any fences, roads, paved paths,

er improvements on private or public property. Twenty-five percent (25%) of Afforestation requirements met through the use of landscape All reforestation/afforestation areas adjacent to lots, and split rail fencing along the auter edge of all reforestation/afforestation areas shall be installed prior to issuance of use and



TREE PROTECTIVE DEVICE LOCATIONS WILL CORRESPOND TO THE LOCATIONS SHOWN ON THIS TREE CONSERVATION PLAN. FENCE POSTS WILL BE A MINIMUM OF 1 3/4 " X 1" STEEL U-CHANNEL OR 2" X 2 LUMBER, SPACED NO MORE THAN 8 FEET APART. POSTS WILL BE INSTALLED AT LEAST 2 FEET DEEP.

SMOOTH WIRE SHOULD BE EVENLY SPACED ALONG THE HEIGHT OF THE POSTS, AND FASTENED SECURELY TO THE POSTS. MINIMUM ACCEPTABLE WIRE IS "LIGHT GUAGE, CLASS 1", GALVANIZED.

 TREE CONSERVATION AREA SIGNS WILL BE SECURELY ATTACHED TO AT LEAST EVERY FIFTH POST AND SHALL REMAIN IN PLACE IN PERPETUITY. 5. SEDIMENT AND EROSION CONTROL MEASURES WILL COMPLY WITH THE SEDIMENT CONTROL PLAN AS APPROVED BY THE PRINCE GEORGE'S COUNTY SOIL CONSERVATION DISTRICT, AND MAY INCLUDE COMBINATIONS OF SEDIMENT CONTROL FENCING WITH TREE CONSERVATION AREA PROTECTIVE DEVICE FENCING, IF SO NOTED ON THIS BLAN.

TREE PROTECTION DEVICE - TYPE ?

STANDARD TYPE 2 TREE CONSERVATION PLAN NOTES:

513 ROLLINS AVENUE

CAPITOL HEIGHTS, MARYLAND 20743 ASSESSMENT DISTRICT 18, TAX ACCOUNT #2064939, 1985001, 2064962, 2064954, 2064947, 2064921, 2040921, 2064939, 2064939, & 2064939

1. This plan is submitted to fulfill the woodland conservation requirements for Detailed Site Plan SDP-29501-2018. If SDP-29501-2018 expires, then this TCP2 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. 3. A pre-construction meeting is required prior to the issuance of grading permits. The Department of Permits, Inspection, and Enforcement (DPIE) 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. This site is zoned R-T (Residential) and is located in Environmental Strategy Area 1 (ESA-1) (formerly the Developed Tier) as defined in the Approved

7. The site is not adjacent to a roadway designated as scenic, historic, a parkway or a scenic byway. 8. The site is located in the vicinity of Central Avenue, a master planned Collector roadway and Rollins Avenue, a master planned Primary roadway; roadway classifications which are not generally regulated for noise impacts. 9. This plan is not grandfathered by CB-27-2010, 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 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.

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 TPF 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 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. 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 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. 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 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 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 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

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 the issuance of the first building permit. 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 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 Grading

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 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.

decomposition. The smaller materials shall be placed into brush piles that will serve as wildlife habitat.

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. Results of annual survival checks for each of the required four years after tree planting shall be reported to the M-NCPPC, Planning Department.

27. 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.

WHEN WOODLANDS AND/OR SPECIMEN, HISTORIC OR CHAMPION TREES ARE TO REMAIN:

28. 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. 29. 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

30. 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.

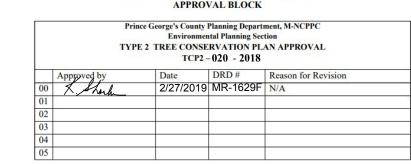
31. The use of chainsaws is extremely dangerous and should not be conducted with poorly maintained equipment, without safety equipment, or by individuals not trained in the use of this equipment for the pruning and/or cutting of trees.

PROTECTION OF REFORESTATION AND AFFORESTATION AREAS BY INDIVIDUAL HOMEOWNERS 32. Reforestation fencing and signage shall remain in place in accordance with the approved Type 2 Tree Conservation Plan.

33. 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.

TYPE 2 TREE CONSERVATION (TCP2) PLAN



Woodlands preserved, planted or regenerated in fulfillment of woodland conservation requirements on-site have been placed in a woodland and wildlife habitat conservation easement recorded in the Prince George's County Land Records at Liber _____folio____ Revisions to this TCP2 may require a revision to the recorded easement.

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ECS REVISIONS 12/11/18 AEA 01/25/19 AEA

ENGINEER | DRAFTING

02/12/19 JAA

NTS

47:2690-B 5 OF 6

PROJECT NO.

INVASIVE SPECIES MANAGEMENT PLAN

Project Name: SOL SYSTEMS, PHOENIX-ROLLINS AVENUE; TCPII # 2-020-2018 INVASIVE SPECIES MANAGEMENT PLAN

SCOPE OF PLAN: THE REMOVAL OF FIVE INVASIVE SPECIES IDENTIFIED WITHIN THE LIMITS OF THE INVASIVE SPECIES MANAGEMENT AREA THAT MAY BE FOUND, TO REDUCE THE AMOUNT OF INVASIVE SPECIES TO LESS THAN TWENTY PERCENT OF THE HERBACEOUS LAYER PER THE REQUIREMENTS OF THE ENVIRONMENTAL TECHNICAL MANUAL.

-JAPANESE HONEYSUCKLE, IDENTIFIED IN THE EASTERN PORTION OF THE SITE
-ENGLISH IVY, IDENTIFIED IN THE EASTERN PORTION OF THE SITE
-MULTIFLORA ROSE, IDENTIFIED IN THE EASTERN PORTION OF THE SITE
-WINEBERRY, IDENTIFIED IN THE EASTERN PORTION OF THE SITE
-JAPANESE STILTGRASS, IDENTIFIED IN THE EASTERN PORTION OF THE SITE

FURTHER REDUCTION OF INVASIVE 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 AREAS.
- 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 GUIDIANCE 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 PLANNING 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

- 4. 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.
- 5. 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.
- 6. 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.
- 7. CARE SHALL BE TAKEN NOT TO DAMAGE TRUNKS OF TREES AND NATIVE VEGETATION. ONLY HAND TOOLS SHOULD BE USED TO AVOID UNNECESSARY DISTURBANCE TO NATIVE VEGETATION AND SOIL.
- 8. 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.
- 9. ALL INVASIVE SPECIES CONTROL WORK SHALL BE DONE BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST OR APPROPRIATE LICENSED/QUALIFIED PROFESSIONAL.
- 10. 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

- 11. 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.
- 12. 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

- 13. 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 CONTROL.
- 14. 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

PREPARED BY JANNIFER ANDERSON, QP

Qualification: QUALIFIED PROFESSIONAL

DATE: FEBRUARY 13, 2019

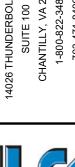
TYPE 2 TREE CONSERVATION (TCP2) PLAN

Woodlands preserved, planted or regenerated in fulfillment of woodland conservation requirements on-site have been placed in a woodland and wildlife habitat conservation easement recorded in the Prince George's County Land Records at Liber _____folio____.

Revisions to this TCP2 may require a revision to the recorded easement.

CELEBRATING OVER 25 YEARS OF EXCELLENCE

ECS - MID-ATLANTIC, LLC 14026 THUNDERBOLT PLACE SUITE 100 CHANTILLY, VA 20151





PHOENIX- ROLLINS AVENUE CAPITOL HEIGHTS, MARYLAN

EE CONSERVATIO

ECS REVISIONS 12/11/18 AEA 01/25/19 AEA 02/12/19 JAA

SCALE

ENGINEER DRAFTING AMM AEA

PROJECT NO. 47:2690-B

SHEET 6 OF 6

10/22/2018