



M-NCPPC APPROVAL STAMP

GENERAL PLANTING NOTES

PLANTING:

A PRE-PLANTING MEETING IS REQUIRED BEFORE INSTALLATION OF ALL TREES & SHRUBS PROPOSED TO MEET FOREST CONSERVATION REQUIREMENTS. THE APPLICANT MUST SCHEDULE AN ON-SITE PRE-PLANTING MEETING. ATTENDEES MUST INCLUDE THE PERMITEE, LANDSCAPE CONTRACTOR, AND M-NCPPC INSPECTOR. TREES SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1). ALL DETAILS OF THE PLANTING PLANS WILL REGARD TO PLANT QUALITY AND PROPER PLANTING WILL BE DISCUSSED INCLUDING BUT NOT LIMITED TO:

PLANT QUALITY:

- A. PROPER FORM FOR SPECIES
- B. ALL PLANTING STOCK WILL BE OBTAINED FOR A MID-ATLANTIC REGION SOURCE
- C. PROPER RATIO OF CALIPER SIZE/HEIGHT TO CONTAINER SIZE/ROOTBALL SIZE.
- D. PROPER PRUNING CUTS IF APPLICABLE IN ACCORDANCE WITH CURRENT ANSI A300 PRUNING STANDARDS (GENERALLY THERE SHOULD BE NO RECENT PRUNING)
- E. NO CO-DOMINANT STEMS OR MULTIPLE TRUNKS UNLESS APPROVED BY PLANNING DEPARTMENT FOREST CONSERVATION INSPECTOR
- F. SOUND GRAFT UNION
- G. FREE OF GIRDLING ROOTS, OR THE ABILITY TO REMOVE GIRDLING ROOTS WITHOUT DAMAGING THE TREE
- H. TREES SHALL BE HEALTHY, VIGOROUS, INSECT/DISEASE FREE, AND WITHOUT CANKERS/CRACKS OR TRUNK DAMAGE
- I. STOCK WILL BE PLANTED IN RANDOM ORDER TO REFLECT NATURAL GROWTH OF THE FOREST

PROPER PLANTING:

- A. ROOT FLARE NO HIGHER THAN 3 INCHES FROM EXISTING GRADE
- B. EXPOSED ROOT FLARE (NOT GRAFT); REMOVING MORE THAN SEVERAL INCHES OF SOIL TO EXPOSE THE ROOT FLARE MAY RESULT IN THE REJECTION OF THE PLANT MATERIAL.
- C. WIRE BASKETS/TWINE/BURLAP REMOVED FROM TOP HALF OF ROOT BALL
- D. ALL SYNTHETIC BURLAP OR TWINE REMOVED COMPLETELY
- E. NO HOSE AND WIRE, STAKING AND STRAPPING PER PLANTING DETAIL
- F. PIT HOLES A MINIMUM OF 1.5 THE WIDTH OF THE ROOT BALL***
- G. MULCHED PROPERLY PER PLANTING DETAIL

TREES & SHRUBS NOT COMPLYING WITH THE ABOVE REQUIREMENTS MAY BE REJECTED AT THE DISCRETION OF THE M-NCPPC INSPECTOR. TREE & SHRUB PLANTING WILL GENERALLY NOT BE PERMITTED BETWEEN THE DATES OF JUNE 1 AND SEPTEMBER 1 OR WHEN THE GROUND IS FROZEN.

**MINIMIZE THE SIZE OF THE PLANTING PITS AS NECESSARY TO AVOID OVERLY IMPACTING ROOTS OF EXISTING TREES TO BE SAVED. COORDINATE WITH THE FOREST CONSERVATION INSPECTOR TO ADJUST THE LOCATIONS, SIZES, AND OR QUANTITIES AS NEEDED TO ACCOMMODATE AND PROTECT EXISTING DESIRABLE VEGETATION. PITS ARE TO BE DUG BY HAND WHERE NECESSARY TO AVOID CUTTING AND OR DAMAGING ROOTS OF TREES TO BE SAVED THAT ARE GREATER THAN 1 INCH IN DIAMETER.

MAINTENANCE:

FIVE-YEAR MANAGEMENT PLAN FOR AFFORESTATION PLANTING AREAS:

FIELD CHECK THE PLANTING AREAS ACCORDING TO THE FOLLOWING SCHEDULE:

YEAR 1: SITE PREPARATION AND TREE PLANTING

- CONTROL UNDESIRABLE VEGETATION AS NEEDED
- WATERING AS NEEDED (2 X MONTH)
- SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER – NOVEMBER) – SEE TREE PLANTING AND MAINTENANCE CALENDAR

YEARS 2-5: REINFORCEMENT PLANTING IF NEEDED – SEE TREE PLANTING AND MAINTENANCE CALENDAR

- CONTROL UNDESIRABLE VEGETATION AS NEEDED
- WATERING AS NEEDED (2 X MONTH)
- SURVIVAL CHECK ONCE ANNUALLY (SEPTEMBER – NOVEMBER) – SEE TREE PLANTING AND MAINTENANCE CALENDAR

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 THE SURVIVABILITY REQUIREMENTS SPECIFIED ON THE SITE STOCKING SCHEDULE. IF A PARTICULAR SPECIES SUFFERS UNUSUALLY HIGH MORTALITY, REPLACE WITH AN ALTERNATIVE PLANT TYPE.
3. MISCELLANEOUS: FERTILIZATION OR WATERING DURING YEARS 1 THROUGH 5 WILL BE DONE ON AN AS NEEDED BASIS. SPECIAL RETURN OPERATIONS OR RECOMMENDATIONS WILL BE CONDUCTED ON AN AS NEEDED BASIS.

Sequence of Events for Properties Required to Comply With Forest Conservation Plans, Exemptions from Submitting Forest Conservation Plans, and Tree Save Plans

The property owner is responsible for ensuring all tree protection measures are performed in accordance with the approved final forest conservation plan or tree save plan, and as modified in the field by a Planning Department Forest Conservation Inspector. The measures must meet or exceed the most recent standards published by the American National Standards Institute (ANSI A300).

Pre-Construction

1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
2. The property owner must arrange for the meeting and following people **should** must participate at the pre-construction meeting: the property owner or their representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist/Maryland Licensed Tree Expert (representing owner) that will implement the tree protection measures, The Planning Department Forest Conservation Inspector, and Montgomery County Department of Permitting Services (DPS) Sediment Control Inspector. The purpose of this meeting is verify the limits of disturbance and discuss specific tree protection and tree care measures shown on the approved plan. No land disturbance shall begin before tree protection and stress-reduction measures have been implemented and approved by the Planning Department's Forest Conservation Inspector.
 - a. Typical tree protection devices include:
 - i. Chain link fence (four feet high)
 - ii. Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
 - iii. 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging.
 - b. Typical stress reduction measures may include, but are not limited to:
 - i. Root pruning with a root cutter or vibratory plow designed for that purpose. Trenchers are not allowed, unless approved by the Forest Conservation Inspector
 - ii. Crown Reduction or pruning
 - iii. Watering
 - iv. Fertilizing
 - v. Vertical mulching
 - vi. Root aeration systems

Measures not specified on the Forest Conservation Plan may be required as determined by the Forest Conservation Inspector in coordination with the property owner's arborist.
3. A Maryland Licensed Tree expert must perform, or directly supervise, the implementation of all stress reduction measures. Documentation of the process (including

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photographs) may be required by the Forest Conservation Inspector, and will be determined at the pre-construction meeting.

4. Temporary tree protection devices must be installed per the approved Forest Conservation Plan, Exemption Plan, or Tree Save Plan and prior to any land disturbance. The Forest Conservation Inspector, in coordination with the DPS Sediment Control Inspector, may make field adjustments to increase the survivability of trees and forest shown as saved on the approved plan.
5. Tree protection fencing must be installed and maintained by the property owner for the duration of construction project and must not be altered without prior approval from the Forest Conservation Inspector. All construction activity within protected tree and forest areas is prohibited. This includes the following activities:
 - a. Parking or driving of equipment, machinery or vehicles of any type.
 - b. Storage of any construction materials, equipment, stockpiling, fill, debris, etc.
 - c. Dumping of any chemicals (i.e., paint thinner), mortar or concrete remainder, trash, garbage, or debris of any kind.
 - d. Felling of trees into a protected area.
 - e. Trenching or grading for utilities, irrigation, drainage, etc.
6. Forest and tree protection signs must be installed as required by the Forest Conservation Inspector. The signs must be waterproof and wording provided in both English and Spanish.

During Construction

7. Periodic inspections will be made by the Forest Conservation Inspector. Corrections and repairs to tree protection devices must be completed within the timeframe given by the Inspector.
8. The property owner must immediately notify the Forest Conservation Inspector of any damage to trees, forests, understory, ground cover, and any other undisturbed areas shown on the approved plan. Remedial actions, and the relative timeframes to restore these areas, will be determined by the Forest Conservation Inspector.

Post-Construction

9. After construction is completed, but before tree protection devices have been removed, the property owner must request a final inspection with the Forest Conservation Inspector. At the final inspection, the Forest Conservation Inspector may require additional corrective measures, which may include:
 - a. Removal, and possible replacement, of dead, dying, or hazardous trees
 - b. Pruning of dead or declining limbs
 - c. Soil aeration
 - d. Fertilization
 - e. Watering
 - f. Wound repair

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- g. Clean up of retention areas, including trash removal

10. After the final inspection and completion of all corrective measures the Forest Conservation Inspector will request all temporary tree and forest protection devices be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both DPS and the Forest Conservation Inspector and cannot be removed without permission of the Forest Conservation Inspector. No additional grading, sodding, or burial may take place after the tree protection fencing is removed.

11. Long-term protection measures, including permanent signage, must be installed per the approved plan. Installation will occur at the appropriate time during the construction project. Refer to the approved plan drawing for the long-term protection measures to be installed.

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INSPECTIONS

All field inspections must be requested by the applicant.

Field Inspections must be conducted as follows:

Plans without Planting Requirements

1. After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin and before release of the building permit.
3. After completion of all construction activities, but before removal of tree protection fencing, to determine the level of compliance with the provision of the forest conservation.

Additional Requirements for Plans with Planting Requirements

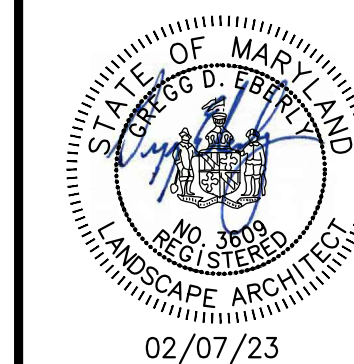
4. Before the start of any required reforestation and afforestation planting.
5. After the required reforestation and afforestation planting has been completed to verify that the planting is acceptable and prior to the start the maintenance period.
6. 2 years after reforestation and afforestation have been completed, to determine survival and assess necessary maintenance activities for the remaining duration of the maintenance and management period.
7. At the end of the maintenance period to determine the level of compliance with the provisions of the planting plan, and if appropriate, release of the performance bond.

DEVELOPER'S CERTIFICATE		
The undersigned agrees to execute all the features of Approved Final Forest Conservation Plan No. <u>100</u> , including financial bonding, forest planting, maintenance, and all other applicable agreements.		
Developer's Name:	FREE REIN SOLAR FARM, LLC <small>Printed Company Name</small>	
Contact Person or Owner:	MICHAEL CHAPMAN <small>Printed Name</small>	
Address:	4611 SLEAFORD ROAD BETHESDA, MD 20814	
Phone and Email:	301-442-9712, MC@FREERESOLAR.COM	
Signature:	<i>Michael Chap</i>	

Bowman

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FINAL FOREST CONSERVATION NOTES & DETAILS (4 OF 4)
5011 RIGGS ROAD
WSSC GRID #229NW05, 230NW05 & 230NW04
TAX MAP: HV21, GRID: 0000, PARCEL: P200
MONTGOMERY COUNTY, MARYLAND



02/07/23

PLAN STATUS	
9/12/22	1ST SUBMISSION
2/07/23	2ND SUBMISSION

DATE	DESCRIPTION
	GDE
	GDE
	GDE
	DESIGN
	DRAWN
	CHKD
	SCALE
	H: N/A
	V: N/A
	JOB No. 140233-01-002
	DATE : FEBRUARY, 2023
	FILE No.