

M-NCPPC APPROVAL STAMP

GENERAL PLANTING NOTES

PLANTING:

A PRE-PLANTING MEETING IS REQUIRED BEFORE INSTALLATION OF THE LINEAR BUFFER PLANTING. THE APPLICANT MUST SCHEDULE AN ONSITE PRE-PLANTING MEETING. ATTENDEES MUST INCLUDE THE PERMITEE, LANDSCAPE CONTRACTOR, AND M-NCPPC INSPECTOR. TREES AND SHRUBS 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:

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

PROPER PLANTING:

- ROOT FLARE NO HIGHER THAN 3 INCHES FROM EXISTING GRADE
- 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.
- WIRE BASKETS/TWINE/BURLAP REMOVED FROM TOP HALF OF ROOT BALL
- ALL SYNTHETIC BURLAP OR TWINE REMOVED COMPLETELY
- NO HOSE AND WIRE; STAKING AND STRAPPING PER PLANTING DETAIL
- PIT HOLES A MINIMUM OF 1.5 THE WIDTH OF THE ROOT BALL***
- MULCHED PROPERLY PER PLANTING DETAIL

TREES NOT COMPLYING WITH THE ABOVE REQUIREMENTS MAY BE REJECTED AT THE DISCRETION OF THE M-NCPPC INSPECTOR. TREE 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 SUPPLEMENTAL 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

- 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.
- 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.
- 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.

GENERAL POLLINATOR SEEDING SPECIFICATIONS

- APPLICANT WILL SURVEY EXPERIENCE IN THE SOLAR INDUSTRY AND COLLABORATE WITH M-NCPPC TO DEVELOP BEST PRACTICES FOR ESTABLISHING AND MAINTAINING COMPATIBLE POLLINATOR-FRIENDLY PLANT SPECIES ON THE PROJECT SITE.
- FOLLOWING THE INSTALLATION OF THE RACKS AND PANELS, APPLICANT WILL SEED THE SOLAR ARRAY IN THE SEEDING AREAS SHOWN ON SHEET 15 IN A MANNER THAT MINIMIZES TOPSOIL EROSION WHILE PROMOTING GOOD SEED-TO-SOIL CONTACT. CERTAIN AREAS AS SHOWN WILL BE MAINTAINED AS GRASS TO ALLOW FOR MAINTENANCE ACCESS.
- SEED WILL BE INSTALLED USING HAND SEEDING, HYDROSEEDING AND/OR BROADCAST SEEDING AS APPROPRIATE FOR THE AREA.
- AFTER THE SOLAR ARRAY AND FINAL ASSOCIATED INFRASTRUCTURE CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR WILL WALK THE SOLAR ARRAY SEEDING LIMITS AND SPOT TREAT ANY AREAS THAT HAVE BEEN SIGNIFICANTLY COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITIES.
- THE TIMING OF SEED PLANTING WILL BE COORDINATED WITH OPTIMAL GROWING SEASONS, WEATHER AND RAIN. PLANT SPECIES MAY BE ADJUSTED BASED ON THOSE VARIETIES THAT ARE MOST SUCCESSFUL IN THE DIFFERENT AREAS OF THE PROJECT SITE.
- THE CONTRACTOR WILL PREPARE AND SUBMIT SEEDING SPECIFICATIONS INCLUDING MEANS AND METHODS TO THE OWNER FOR REVIEW PRIOR TO BEGINNING WORK.
- IN THE PLANTING AND MAINTENANCE OF POLLINATOR PLANTS, APPLICANT WILL FOLLOW GOOD ELECTRIC UTILITY PRACTICES FOR VEGETATION MANAGEMENT AROUND ELECTRICAL EQUIPMENT.

SITE LANDSCAPE BUFFER SCHEDULE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT/ SPREAD	CONDITION
CANOPY TREES						
ZS	14	ZELKOVA SERRATA	JAPANESE ZELKOVA	2" CAL	-	B&B
EVERGREEN TREES						
NS	7	ILEX 'NELLIE R. STEVENS'	NELLIE STEVENS HOLLY	-	8' HT	B&B
ORNAMENTAL TREES						
AG	6	AMELANCHIER X GRANDIFLORA	AUTUM BRILLIANCE SERVICBERRY	-	8' HT	B&B
SHRUBS						
PL	42	PRUNUS LAUROCERASUS 'SCHIP'	SCHIP LAUREL	5 GAL. (LRG)	30"-36"	CONT.
IG	62	ILEX GLABRA	INKBERRY	5 GAL. (MED)	30"-36"	CONT.
CS	60	CORNUS SERICA	REDTWIG DOGWOOD	3 GAL. (SML)	18"-24"	CONT.

SCREENING TABULATIONS Z.O SECTION 6.5.3.C.7

LENGTH OF FACILITY VISIBLE FROM ROAD TO BE SCREENED: ±650 L.F.

SCREENING REQUIRED (OPTION A): 8' WIDE STRIP W/ 4' HEIGHT FENCE
SCREENING PROVIDED: 8' WIDE STRIP W/ 6' HEIGHT FENCE

PLANTING REQUIREMENTS:
CANOPY TREES: 2 TREES PER 100 LF OR 12 TREES
UNDERSTORY/EVERGREEN TREES: 2 TREES PER 100 LF OR 12 TREES
LARGE SHRUB: 6 SHRUBS PER 100 LF OR 36 SHRUBS
MEDIUM SHRUB: 8 SHRUBS PER 100 LF OR 48 SHRUBS
SMALL SHRUB: 8 SHRUBS PER 100 LF OR 48 SHRUBS

PLANTINGS PROVIDED:
CANOPY TREES: 14 TREES
UNDERSTORY/EVERGREEN TREES: 13 TREES
LARGE SHRUB: 42 SHRUBS
MEDIUM SHRUB: 62 SHRUBS
SMALL SHRUB: 60 SHRUBS

BIORETENTION PLANT SCHEDULE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT/ SPREAD	CONDITION
CANOPY TREES						
NS	2	NYSSA SYLVATICA	BLACK GUM	2" CAL	-	B&B
SHRUBS & GRASSES						
CO	10	CEPHALANTHUS OCCIDENTALIS 'SUGAR SHACK'	DWARF BUTTONBUSH	5 GAL.	30"-36"	CONT.
IG	10	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	5 GAL.	30"-36"	CONT.
MP	7	MYRICA PENSYLVANICA	NORTHERN BAYBERRY	5 GAL.	30"-36"	CONT.
PV	36	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	3 GAL.	18"-24"	CONT.

SUPPLEMENTAL SCREENING PLANT SCHEDULE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT/ SPREAD	CONDITION
CANOPY TREES						
AR	9	Acer rubrum	Red Maple	2" CAL	-	B&B
QP	6	Quercus palustris	Pin Oak	2" CAL	-	B&B
EVERGREEN TREES						
JV	18	Juniperus virginiana	Eastern Redcedar	-	8' HT	B&B
MV	5	Magnolia grandiflora	Southern Magnolia	-	8' HT	B&B
PT	16	Pinus taeda	Loblolly Pine	-	8' HT	B&B
PV	13	Pinus virginiana	Virginia Pine	-	8' HT	B&B

Exhibit 17(d)
OZAH Case No: CU 25-07

TREE CANOPY EXEMPTION

TREE CANOPY REQUIREMENTS TABLE	
To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects.	
Exempt: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If exempt under Section 55-5 of the Code, please check the applicable exemption category below.	
Total Property Area	Total Disturbed Area
_____ square feet	_____ square feet
Shade Trees Required	Shade Trees Proposed to be Planted
_____	_____
Fee in Lieu (Trees Required – Trees Planted) x \$250	\$ _____
Required Number of Shade Trees	
Area (sq. ft.) of the Limits of Disturbance	Number of Shade Trees Required
FROM 1	TO 6,000
6,001	8,000
8,001	12,000
12,001	14,000
14,001	40,000
3	
6	
9	
12	
15	
If the square footage of the limits of disturbance is more than 40,000, then the number of shade trees required must be calculated using the following formula:	
(Number of Square Feet in Limits of Disturbance ÷ 40,000) × 15	
EXEMPTION CATEGORIES:	
<input checked="" type="checkbox"/> 55-5(a) any activity that is subject to Article II of Chapter 22A; <input type="checkbox"/> 55-5(b) any commercial logging or timber harvesting operation with an approved exemption from Article II of Chapter 22A; <input type="checkbox"/> 55-5(f) any activity conducted by the County Parks Department; <input type="checkbox"/> 55-5(g) routine or emergency maintenance of an existing stormwater management facility, including an existing access road, if the person performing the	maintenance has obtained all required permits: <input type="checkbox"/> 55-5(h) any stream restoration project if the person performing the work has obtained all necessary permits; <input type="checkbox"/> 55-5(i) cutting or clearing any tree to comply with applicable provisions of any federal, state, or local law governing safety of dams; <input type="checkbox"/> OTHER: Specify per Section 55-5 of the Code.



12/13/2024

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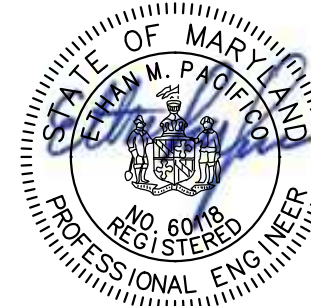
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LANDSCAPE NOTES & DETAILS (2 OF 2)
MOUNTAIN VALE COMMUNITY SOLAR
17700 BARNESVILLE ROAD, BARNESVILLE MD
WSSC GRID #230NW17, 230NW18, 231NW17 & 230NW18
TAX MAP: CV62, GRID: 0000, PARCEL: P020

ELECTION DISTRICT 11
MONTGOMERY COUNTY, MARYLAND

PLAN #295856



05/06/2025

PLAN STATUS
05/06/25 CONDITIONAL USE SITE PLAN

DATE	DESCRIPTION
EP	EG EP
DESIGN	DRAWN CHKD
SCALE	H: N/A V: N/A
JOB No.	140362-01-001
DATE	: MAY, 2025
FILE No.	140362-D-CP-001-LSO

SHEET 11 OF 19