

M-NCPPC APPROVAL STAMP

Forest Conservation Data Table				
		Number of Acres		
	Tract	11.23		
Remaining in Agricultural Use		98.28		
	Road & Utility ROWs <sup>1</sup>	-		
	Total Existing Forest	2.25		
	Forest Retention	2.25		
	Forest Cleared	-		
Land Use & Thresholds <sup>2</sup>				
Land Use Category		ARA	ARA, MDR, IDA, HDR, MDP, or CIA.	
Conservation Threshold		20%	percent	
Afforestation Threshold		55%	percent	
		Total Channel Length (ft.)	Average Buffer Width (ft.) <sup>3</sup>	
Stream(s)		-	-	
Acres of Forest in		Retained	Cleared	Planted
Wetlands		-	-	-
100-Year Floodplain		-	-	-
Stream Buffers		-	-	-
Priority Areas		-	-	-

<sup>1</sup> Only Road or Utility ROWs not to be improved as part of development application.  
<sup>2</sup> Information from FC Land Use Categories & Thresholds document.  
<sup>3</sup> Measured from stream edge to buffer edge.

EExhibit 18(f)  
OZAH Case No: CU 25-07

FOREST CONSERVATION WORKSHEET  
#F20250530 MOUNTAIN VALE COMMUNITY SOLAR

<b>NET TRACT AREA:</b>				
A. Total tract area ...	109.51			
B. Additions to tract area (Off-Site Work, etc.; construction required by this plan)...	0.00			
C. Land dedication acres (parks, county facility, etc.) ...	0.00			
D. Land dedication for roads or utilities (construction not required by this plan) ...	0.00			
E. Area to remain in commercial agricultural production/use ...	98.28			
F. Other deductions (specify) .....	0.00			
G. Net Tract Area .....	11.23			

**LAND USE CATEGORY:** (from Chapter 22A-3, Definitions)  
Input the number "1" under the appropriate land use, limit to only one entry.

ARA	CDR	MDR	IDA	HDR	MPD	CIA
1	0	0	0	0	0	0

G. Afforestation Threshold ...	20%	x G =	2.25
H. Conservation Threshold ...	55%	x G =	6.18

<b>EXISTING FOREST COVER:</b>			
I. Existing forest cover .....	=	2.25	
J. Area of forest above afforestation threshold .....	=	0.00	
K. Area of forest above conservation threshold .....	=	0.00	

<b>BREAK EVEN POINT:</b>			
L. Forest retention above threshold with no mitigation ....	=	0.00	
M. Clearing permitted without mitigation .....	=	0.00	

<b>PROPOSED FOREST CLEARING:</b>			
N. Total area of forest to be cleared .....	=	0.00	
O. Total area of forest to be retained .....	=	2.25	

<b>PLANTING REQUIREMENTS:</b>			
P. Reforestation for clearing above conservation threshold ....	=	0.00	
Q. Reforestation for clearing below conservation threshold ....	=	0.00	
R. Credit for retention above conservation threshold .....	=	0.00	
S. Total reforestation required .....	=	0.00	
T. Total afforestation required .....	=	0.00	
U. Credit for landscaping (may not be used to meet reforestation requirement if project is located outside an Equity Focus Area (EFA). For projects within EFA, may not exceed 20% of "S") .....	=	0.00	
V. Total reforestation and afforestation required .....	=	0.00	
worksheet date		4/3/2023	

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

- An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
- 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.
  - Typical tree protection devices include:
    - Chain link fence (four feet high)
    - Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
    - 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar posts (minimum 4 feet high) with high visibility flagging.
  - Typical stress reduction measures may include, but are not limited to:
    - Root pruning with a root cutter or vibratory plow designed for that purpose. Trenchers are not allowed, unless approved by the Forest Conservation Inspector
    - Crown Reduction or pruning
    - Watering
    - Fertilizing
    - Vertical mulching
    - Root aeration systemsMeasures 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.
- A Maryland Licensed Tree expert must perform, or directly supervise, the implementation of all stress reduction measures. Documentation of the process (including

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

TREE TABLE

TREE NO.	BOTANICAL NAME	COMMON NAME	D.B.H. (in)	CONDITION	(CRZ) CRITICAL ROOT ZONE	CRZ IMPACT %	PRESERVE/ REMOVE
101*	Prunus serotina	Black Cherry	24	GOOD	36	0%	Preserve
102*	Prunus serotina	Black Cherry	29	FAIR	44	0%	Preserve
103*	Prunus serotina	Black Cherry	27	FAIR	41	0%	Preserve
104*	Prunus serotina	Black Cherry	30	POOR	45	0%	Preserve
105*	Ulmus americana	American Elm	33.5	POOR	50	0%	Preserve
106*	Prunus serotina	Black Cherry	26	FAIR	39	0%	Preserve
107	Prunus serotina	Black Cherry	22.5	FAIR	34	0%	Preserve
108	Prunus serotina	Black Cherry	20	DEAD	30	0%	Preserve
109	Prunus serotina	Black Cherry	22	FAIR	33	0%	Preserve
110*	Prunus serotina	Black Cherry	28.5	GOOD	43	0%	Preserve
111	Ulmus americana	American Elm	22	FAIR	33	0%	Preserve
112**	Ulmus americana	American Elm	73	POOR	110	0%	Preserve
113*	Juglans nigra	Black Walnut	25.5	FAIR	38	0%	Preserve
114*	Ulmus americana	American Elm	32	POOR	48	0%	Preserve

NOTES:  
1) \* DENOTES A SIGNIFICANT TREE (24-29" DBH), 6 TREES WITHIN DETAILED STUDY AREA  
2) \*\* DENOTES A SPECIMEN TREE, 4 TREES WITHIN DETAILED STUDY AREA

INSPECTIONS

All field inspections must be requested by the applicant.

Field Inspections must be conducted as follows:

Plans without Planting Requirements

- After the limits of disturbance have been staked and flagged, but before any clearing or grading begins.
- 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.
- 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

- Before the start of any required reforestation and afforestation planting.
- 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.
- 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.
- 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. F20250530, including financial bonding, forest planting, maintenance, and all other applicable agreements.

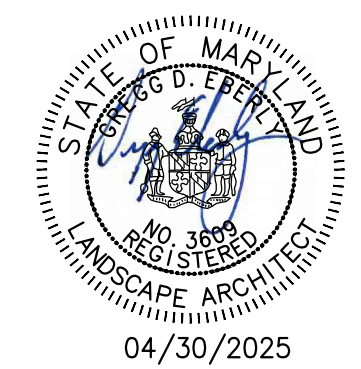
Developer's Name: DAVIS HILL DEVELOPMENT  
Printed Company Name  
Contact Person or Owner: TORY HANNA  
Printed Name  
1616 16TH AVENUE SOUTH, MUSIC ROW  
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413-522-7460  
Phone and Email: TORY.HANNA@DHSOLAR.COM  
Signature:

Bowman

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FOREST CONSERVATION NOTES & DETAILS (1 OF 2)  
MOUNTAIN VALE COMMUNITY SOLAR  
17700 BARNESVILLE ROAD  
WSSC GRID #230NWW17, 230NWW18, 231NWW17 & 230NWW18  
TAX MAP: CV62, GRID: 0000, PARCEL: P020  
MNCPPC PLAN #: F20250530  
MONTGOMERY COUNTY, MARYLAND

PLAN #F20250530



04/30/2025

PLAN STATUS	
2/10/25	1ST SUBMISSION
4/30/25	2ND SUBMISSION

DATE	DESCRIPTION
	GDE
DESIGN	DRAWN
SCALE	H: N/A V: N/A
JOB No.	140362-01-001
DATE :	APRIL, 2025
FILE No.	