M.A.F. & Associates, LLC Matthew A. Forgen 55 Jones Station Road, W. Severna Park, MD 21146 Phone: 443-864-8589

March 12, 2024

Planner
Department of Planning & Zoning
2664 Riva Road
Annapolis MD 21401

RE: Duffy/Chushing Property, Parcel 246

1420 Woodland Beach Road, Pasadena, MD 21122

Dear Planner:

Please accept this submittal of a variance for the above referenced project. We are proposing to construction of a new single-family detached dwelling and associated site improvements on the above referenced property. The proposed dwelling is a 2-story dwelling with a height of 35'. The structure has a footprint of 26.08'x 29' and is setback 44.40' from the front property line, 23.32' from the northern side property line, 12.55' from the southern side property line and 7' from the rear property line. This proposal will require a zoning variance to allow development within the read lot line setback.

Please note this is an undersized R2 zoned property and therefore we are holding setbacks as noted in 18-2-301(f) "Dwelling on nonconforming lots". The setbacks that are required per this section of the code is 25' front and rear lot lines and 7' from the side lot lines.

#### **Pre-File comments:**

#### **Engineering:**

The applicant is proposing to contract a new single-family detached dwelling with a total proposed impervious of 1,517 square feet. The total disturbed area is shown as 5,152 square feet. The applicant is proposing to disconnect the non-rooftop surface (driveway) via an area next to the driveway that is equal to the area of the driveway. This area must be shown to be down gradient of the impervious cover and must be vegetated. Soil borings and photographs are required to document the status of this area and the need of soil amendments. A 1-2 feet wide transition strip should be provided from the disconnected area to the vegetated area. The plan also needs to show that the disconnection is at least 10 ft from the nearest impervious surface of similar or lower elevation to prevent reconnection. This was not demonstrated. The proposed rooftop disconnect as proposed does not meet the intent of the MDE criteria for non -rooftop disconnect credit and is not acceptable as shown. The downspouts should be disconnected via sheet flow, where no more than 500 SF of impervious is allowed to sheet flow over a vegetated area that is at least 75 feet of length. Installing a retaining wall and berms as shown for the sole purpose of carrying the water to the public road right of way is not considered "nonstructural" and creates a concentrated flow. This design does not meet the non-rooftop disconnection criteria intent or purpose. No public storm conveyance system appears to be in the public right of way to intercept and convey the flow. A downstream investigation of the drainage patterns along with cross-sections to demonstrate the outfall is adequate and to show the existing and proposed flooding limits for the 10-year storm and their encroachment levels to private properties will need to be submitted. A more detailed certified survey with spot elevations along with crosssections will be required and a right to discharge permit may be required to address any drainage to private properties.

#### Zoning:

Advised site plan appears to be complete.

#### Our response:

#### Engineering:

The pre-file comments will be addressed with the grading permit application that is required for this project.

#### Zoning:

No response required.

The required zoning variance is stated below.

WE REQUEST A 18' VARIANCE TO ARTICLE 18-2-301(f) THAT REQUIRES A REAR LOT LINE SETBACK OF 25' SETBACK TO ALLOW FOR THE CONSTRUCTION OF THE NEW DWELLING. THIS PROPOSED DWELLING WILL BE CONSTRUCTED AT 7.00' TO THE REAR LOT LINE SETBACK.

We feel this zoning variance request meets the requirements of Article 18-16-305 (a) & (c) and therefore the variances should be granted. Below is the justification for granting the above noted variances.

18-16-305(a)(1) Because of certain unique physical conditions, such as irregularity, narrowness or shallowness of lot size and shape or exceptional topographical conditions peculiar to and inherent in the particular lot, there is no reasonable possibility of developing the lot in strict conformance with this article; or:

This site is an existing undersized legal lot. The lot is only 62' wide and 80.61' deep. This site requires a septic system for the new dwelling. This septic will sit in the front yard. There are septic setbacks that are required by the Anne Arundel County Health Department. We are required to hold the house foundation 20' from the septic trenches. We will request a variance of 10' from the Health Department to allow the septic tank 10' from the foundation. With the size of the site and required Health Department setbacks, there is no way of building a house without the need for this variance. These are the unique characteristics of the lot.

18-16-305(a)(2) Because of exceptional circumstances other than financial considerations, the grant of a variance is necessary to avoid practical difficulties or unnecessary hardship and to enable the applicant to develop the lot:

With the unique characteristics of this site, we are not able to develop the property without the need of a variance. If a variance is not granted, we would only be able to construct a house that is 11' deep. This would not be in keeping with the community nor would it be a feasible structure to construct.

18-16-305(c)(1): the variance is the minimum variance necessary to afford relief:

This variance is the minimum variance necessary to afford relief in that the proposed dwelling

footprint is the similar size as the existing dwelling within the community. We are holding the same rear setback as the neighboring property that was granted a similar variance. We feel this is a minimal impact to these setbacks.

18-16-305(c)(2) the granting of the variance will not:

(i) alter the essential character of the neighborhood or district in which the lot is located: The approval of these variances will not alter the essential character of the neighborhood. The proposed dwelling is similar in size to other homes in the community. This is a similar request to other properties in this community.

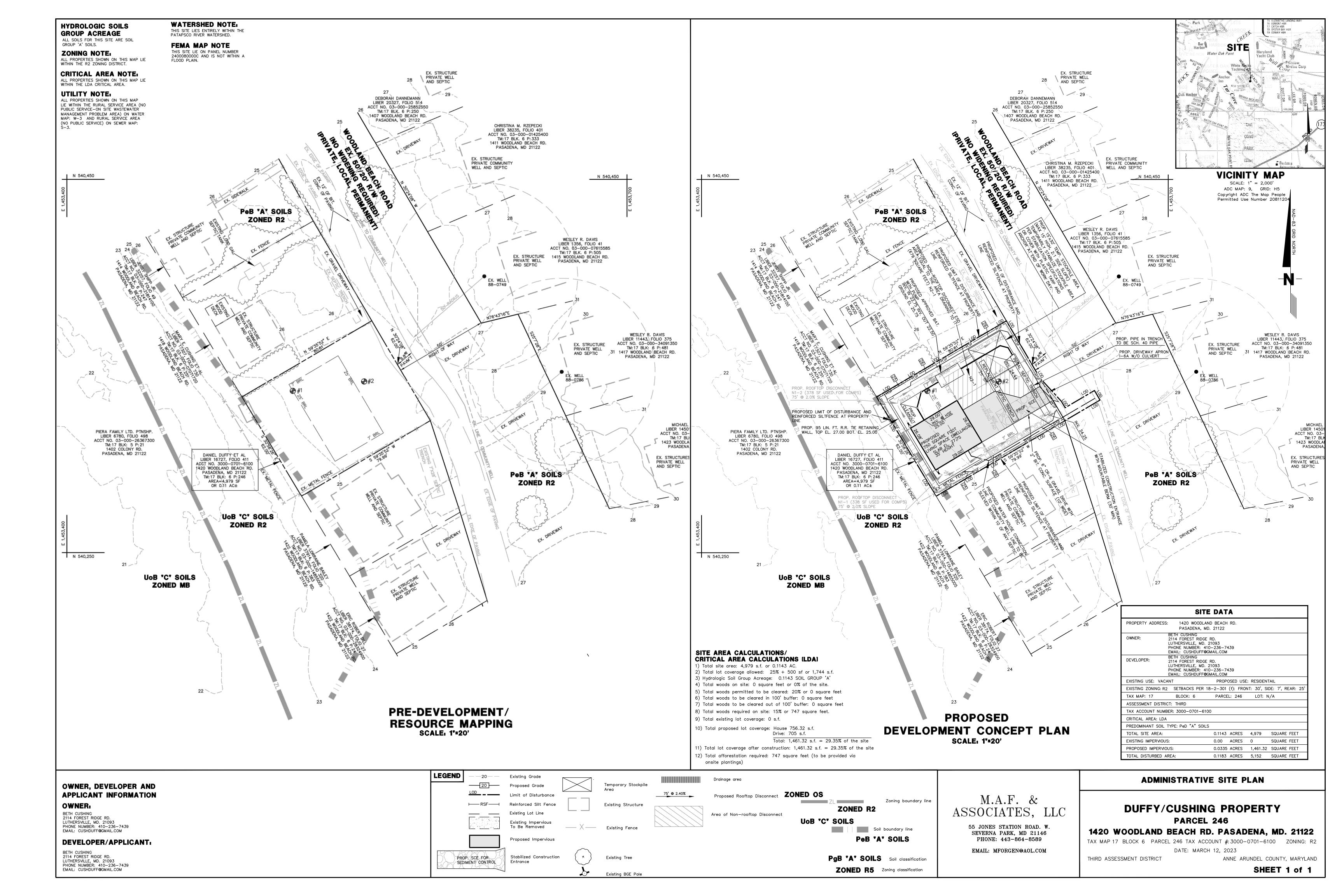
(ii) substantially impair the appropriate use or development of adjacent property: This proposed development would not impair the appropriate use or development of these properties.

- (iii) reduce forest cover in the limited development and resource conservation areas of the critical area: The property is located within the LDA portion of the critical area will not reduce forest cover. We will be required to provide 15% afforestation for this site.
- (iv) be contrary to acceptable clearing and replanting practices required for development in the critical area or a bog protection area: The property is located within the LDA portion of the critical area but not within a bog protection area and is not contrary to acceptable clearing and replanting practices required for development in the critical area or a bog protection area.
- (v) be detrimental to the public welfare: This development is not detrimental to the health and welfare of the community. This proposal will not have an increased impact on the public water and sewer system. The site will have an onsite sewage disposal system and be connected to the community water supply system. Storm water management will be addressed with the development of this property.

If you should have any questions regarding this submittal, please feel free to contact me at the number above.

Sincerely,

Matthew A Forgen



## CRITICAL AREA COMMISSION CHESAPEAKE AND ATLANTIC COASTAL BAYS 1804 WEST STREET, SUITE 100 ANNAPOLIS, MD 21401

# PROJECT NOTIFICATION APPLICATION

GENERAL PROJECT INFORMATION			
Jurisdiction: AHE ARUTHUR Co. Date: 6-28-7023			
Tax Map # Parcel # Block # Lot # Section  Corrections Redesign No Change Non-Critical Area			
Tax ID: 3000 - 070   -6100  *Complete Only Page 1 General Project Information			
Project Name (site name, subdivision name, or other)  Project location/Address  1-20  Wood and Beach Rose			
City Pasacers Mo. Zip 21122			
Applicant: Last name Cushida First name EETH  Company			
Application Type (check all that apply):			
Building Permit  Buffer Management Plan  Conditional Use  Consistency Report  Disturbance > 5,000 sq ft  Grading Permit  Variance  Rezoning  Site Plan  Special Exception  Subdivision  Other			
Local Jurisdiction Contact Information:			
Last name First name			
Phone # Response from Commission Required By			
ax # Hearing date			

# SPECIFIC PROJECT INFORMATION

Describe Proposed use of project site: CONSTRUCT Withten Yes Yes Intra-Family Transfer Growth Allocation Grandfathered Lot **Buffer Exemption Area** Project Type (check all that apply) Commercial Recreational Consistency Report Redevelopment **Industrial** Residential Institutional **Shore Erosion Control** Mixed Use Water-Dependent Facility Other SITE INVENTORY (Enter acres or square feet) Acres Acres Sq Ft Total Disturbed Area IDA Area LDA Area RCA Area # of Lots Created Total Area Acres Sq Ft Acres Existing Forest/Woodland/Trees Sq Ft **Existing Lot Coverage** Created Forest/Woodland/Trees New Lot Coverage 0 Removed Forest/Woodland/Trees Removed Lot Coverage Total Lot Coverage VARIANCE INFORMATION (Check all that apply) Acres Sq Ft Acres Buffer Disturbance **Buffer Forest Clearing** Non-Buffer Disturbance Mitigation Variance Type Structure Buffer Acc. Structure Addition Forest Clearing Barn **HPA** Impact Deck Lot Coverage Dwelling **Expanded Buffer Dwelling Addition** Nontidal Wetlands Garage Setback Gazebo Steep Slopes Patio Other Pool Shed Other

# Duffy/Cushing Property 1420 Woodland Beach Road, Pasadena, MD 21122

# **CRITICAL AREA REPORT**

PREPARED BY:
M.A.F. & ASSOCIATES, LLC
55 Jones Station Road, W.
Severna Park, MD 21146

443-864-8589

March 12, 2024

#### INTRODUCTION

The lot is located at 1420 Woodland Beach Road, Pasadena, MD 21122. This is a legal lot as defined by Article 17-1-101 (63). The property owner is proposing a new single-family dwelling that falls within the rear yard setbacks within a R2 zoning area. The lot is an undersized lot for an R2 zoning district. This lot lies entirely within the LDA portion of the Chesapeake Bay Critical Area.

#### VICINITY MAP

Included in this report and shown on the attached plan is a vicinity map designating the location of the subject site. Also included in the report is a portion of the Critical Area Map with the site located.

#### **NARRATIVE**

#### **EXISTING CONDITIONS**

The lot is currently an unimproved single-family dwelling lot. The lot is an undersized R2 zoned lot. The lot is clear of trees or woody vegetation. The property slopes slightly towards the western side of the property. The slope is approximately 1.5%+ to the western side of the property.

The was no wildlife seen around the property at the time of inspection. It is expected that there is very little to no wildlife use of the property.

#### PROPOSED DEVELOPMENT

We are proposing a new single-family dwelling that falls within the rear yard setbacks within a R2 zoning district on an undersized property.

#### STORMWATER MANAGEMENT

During construction, sediment and erosion control measures will be employed. Storm water management will be provided with the required Grading and Sediment Control Permit application.

#### **IMPACT MINIMIZATION**

Due to the unique lot characteristics and need for a septic system, we feel that this development plan demonstrates a minimal impact on the environment.

#### HABITAT PROTECTION AREAS

There is no habitat protection areas on this property.

# AFTER CONSTRUCTION CONDITIONS AND SITE CALCULATIONS

The proposed conditions of the site include the construction of a new house and driveway. The site calculations are as follows:

Total site area	4,979 sf
Existing woodland	0  sf
Proposed clearing	0 sf
Proposed planting	to be determined
Existing impervious coverage prior	to of determined
to the proposed lot coverage	0 sf
Allowed lot coverage	1,744 sf
Proposed lot coverage	1,461.32 sf
Proposed lot coverage reduction	0 sf
Existing and proposed lot coverage	1,461.32 sf

#### **CONCLUSIONS**

The lot in question is an undersized legal lot located in an established community. It's not possible to construct the proposed dwelling without the need for the requested zoning variance based on the size of the lot and the need to install a septic system.

As proposed, the development of the lot does not have an adverse impact on the plant or wildlife habitat of the Critical Area. The proposed dwelling and site improvements will not adversely impact adjacent properties.

#### **PLANS**

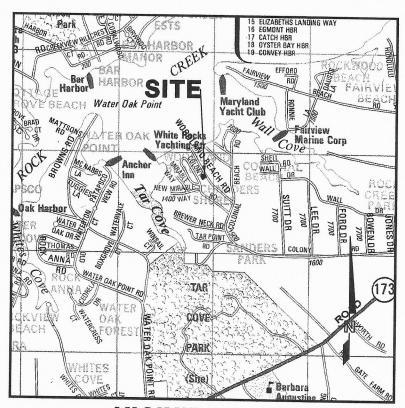
A plan showing the site and its improvements is attached to this report.

#### ADDITIONAL INFORMATION

A Notification of Project Application for the Critical Area Commission is included in this package.

The fieldwork was conducted on March 1, 2023

# CRITICAL AREA MAP Ro Cree WOODLAND BEACH ROAD wable Way Legend Parcels Critical Areas IDA - Intensely Developed Area SITE IDA - Intensely Developed Area LDA - Limited Development Area RCA - Resource Conservation Area Labels State Road Label Interstate US Road Label Local Road Label Fire Police Label Streams Label This map is a user generated static output from an Internet mapping site and is for reference only. Esri, NASA, NGA, USGS, FEMA Notes THIS LOT LIES ENTIRELY WITHIN THE LDA Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE 45 90 USED FOR NAVIGATION



## VICINITY MAP

SCALE: 1" = 2,000'
ADC MAP: 9, GRID: H5
Copyright ADC The Map People
Permitted Use Number 20811204

### CRITICAL AREA COMMISSION CHESAPEAKE AND ATLANTIC COASTAL BAYS 1804 WEST STREET, SUITE 100 ANNAPOLIS, MD 21401

# PROJECT NOTIFICATION APPLICATION

GENERAL PROJECT INFORMATION	
Jurisdiction: AHE ARUTHUR Co. Date: 6-28-707	-3
Tax Map # Parcel # Block # Lot # Section  Corrections Redesign No Change Non-Critical Area  *Complete Only Page 1 General Project Information	ONLY  ]  ]
Project Name (site name, subdivision name, or other)  Project location/Address  HTO Woodsolve BEACH ROSO	RTY
City Passace & MD. Zip 21122	
Local case number	
Applicant: Last name Custing First name First name	,
Company	
Application Type (check all that apply):	
Building Permit  Buffer Management Plan  Conditional Use  Consistency Report  Disturbance > 5,000 sq ft  Grading Permit  Variance  Rezoning  Site Plan  Special Exception  Subdivision  Other	
Local Jurisdiction Contact Information:	1
Last name First name	
Phone # Response from Commission Required By	
Fax # Hearing date	

# SPECIFIC PROJECT INFORMATION

Describe Proposed use of pro-	oject site:		
CONSTRUCT	& SIHAE	- FORTILY DIE	
	The second second	SETIZACK	clife
Yes Intra-Family Transfer Grandfathered Lot  ✓		Growth Allocation Buffer Exemption A	Yes 
Project Type (check all that	t apply)		
Commercial Consistency Report Industrial Institutional Mixed Use Other		Recreational Redevelopment Residential Shore Erosion Contr Water-Dependent Fa	rol   acility
SITE INVENTORY (Enter	acres or square feet)		
IDA Area LDA Area	Acres Sq Ft	Total Disturbed Area	Acres Sq Ft
RCA Area Total Area	4979	# of Lots Created	
	Acres Sa F	4	
Existing Forest/Woodland/Trees	Acres Sq F		Acres Sq Ft
Created Forest/Woodland/Trees		Existing Lot Coverage  New Lot Coverage	
Removed Forest/Woodland/Tree	s O		1561.3
		Removed Lot Coverage Total Lot Coverage	0
		Total Lot Coverage	1461.3
			, ,
VARIANCE INFORMATIO	ON (Check all that apply	y)	
	Acres Sq F		
Buffer Disturbance	0		Acres Sq Ft
Non-Buffer Disturbance	SIE	Buffer Forest Clearing  Mitigation	0
Variance T		- Willigation	
Variance Type Buffer		<u>Structure</u>	
		Acc. Structure Addition	
Forest Clearing		Barn	
HPA Impact		Deck	
Lot Coverage	Dwelling		
Expanded Buffer	Dwelling Addition		
	Garage Garage		
Setback Steen Sleener		Gazebo	
Steep Slopes Other		Patio	
Ouler		Pool	
		Shed	
		Other	



J. Howard Beard Health Services Building 3 Harry S. Truman Parkway Annapolis, Maryland 21401 Phone: 410-222-7095 Fax: 410-222-7294 Maryland Relay (TTY): 711

Tonii Gedin, RN, DNP Acting Health Officer

www.aahealth.org

#### MEMORANDUM

TO: Sadé Medina, Zoning Applications

Planning and Zoning Department, MS-6301

Brian Chew, Program Manager Bureau of Environmental Health FROM:

DATE: July 3, 2023

RE: Daniel Duffy

1420 Woodland Beach Road

Pasadena, Md 21122

NUMBER: 2023-0109-V

SUBJECT: Variance/Special Exception/Rezoning

The Health Department has reviewed the above referenced variance to allow a dwelling with less setbacks than required.

The Health Department has reviewed the on-site sewage disposal. The Health Department has determined that the proposed request does not adversely affect the on-site sewage disposal. The Health department has no objection to the above referenced request.

If you have further questions or comments, please contact Brian Chew at 410-222-7413.

Sterling Seay cc:

#### OFFICE OF PLANNING AND ZONING

#### CONFIRMATION OF PRE-FILE MEETING

DATE OF MEETING February 27, 2023

P&Z STAFF\_Rob Konowal, Hala Flores

APPLICANT/REPRESENTATIVE Matt Forgen EMAIL				
SITE LOCATION 1420 Woodland Beach Road	LOT SIZE <u>4.979 sf</u> ZONING <u>R2</u>			
CA DESIGNATION LDA BMA_n/a_ or BUFFER_n/a_ APPLICATION TYPE_Variance				
Variance to allow a new dwelling with less (rear lot line) setbacks than required.				
Prefile for SWM comments.				
COMMENTS				

Zoning advised site plan appears to be complete

Inspection and Permits advised following comments will need to be addressed under the formal variance request application:

The applicant is proposing to contract a new single-family detached dwelling with a total proposed impervious of 1,517 square feet. The total disturbed area is shown as 5,152 square feet. The applicant is proposing to disconnect the non-rooftop surface (driveway) via an area next to the driveway that is equal to the area of the driveway. This area must be shown to be down gradient of the impervious cover and must be vegetated. Soil borings and photographs are required to document the status of this area and the need of soil amendments. A 1-2 feet wide transition strip should be provided from the disconnected area to the vegetated area. The plan also needs to show that the disconnection is at least 10 ft from the nearest impervious surface of similar or lower elevation to prevent reconnection. This was not demonstrated.

The proposed rooftop disconnect as proposed does not meet the intent of the MDE criteria for non -rooftop disconnect credit and is not acceptable as shown. The downspouts should be disconnected via sheet flow, where no more than 500 SF of impervious is allowed to sheet flow over a vegetated area that is at least 75 feet of length. Installing a retaining wall and berms as shown for the sole purpose to carry the water to the public road right of way is not considered "nonstructural" and creates a concentrated flow. This design does not meet the non-rooftop disconnection criteria intent or purpose.

No public storm conveyance system appears to be in the public right of way to intercept and convey the flow. A downstream investigation of the drainage patterns along with cross-sections to demonstrate the outfall is adequate and to show the existing and proposed flooding limits for the 10 year storm and their encroachment levels to private properties will need to be submitted. A more detailed certified survey with spot elevations along with cross-sections will be required and a right to discharge permit maybe required to address any drainage to private properties.

#### INFORMATION FOR THE APPLICANT

Section 18-16-201 (b) Pre-filing meeting required. Before filing an application for a variance, special exception, or to change a zoning district, to change or remove a critical area classification, or for a variance in the critical area or bog protection area, an applicant shall meet with the Office of Planning and Zoning to review a pre-file concept plan or an administrative site plan. For single lot properties, the owner shall prepare a simple site plan as a basis for determining what can be done under the provisions of this Code to avoid the need for a variance.

\*\*\* A preliminary plan checklist is required for development impacting environmentally sensitive areas and for all new single-family dwellings. A stormwater management plan that satisfies the requirements of the County Procedures Manual is required for development impacting environmentally sensitive areas OR disturbing 5,000 square feet or more. State mandates require a developer of land provide SWM to control new development runoff from the start of the development process.

Section 18-16-301 (c) Burden of Proof. The applicant has the burden of proof, including the burden of going forward with the production of evidence and the burden of persuasion, on all questions of fact. The burden of persuasion is by a preponderance of the evidence.

A variance to the requirements of the County's Critical Area Program may only be granted if the Administrative Hearing Officer makes affirmative findings that the applicant has addressed all the requirements outlined in Article 18-16-305. Comments made on this form are intended to provide guidance and are not intended to represent support or approval of the variance request.