

Planning Commission Department of Planning, Housing, and Zoning

County Commissioners Hearing Room 400 High Street Chestertown, Maryland

AGENDA

May 5, 2022 1:30 p.m.

Members of the public are welcome to attend meetings in person or via conference call. Please note that the County's live stream video is temporarily unavailable.

Public participation and audio-only call-in number:

- 1. Dial 1-872-239-8359
- 2. Enter Conference ID: 443 279 683#

Members of the public are asked to mute their phones/devices, until the Commission Chair opens the floor for comment.

MINUTES

April 7, 2022

PUBLIC HEARING

#22-23 Steven Green – Zoning Text Amendment _______ Rec to CCs
Add "septic tank maintenance and excavation" as a special exception to the Village district

APPLICATIONS FOR REVIEW

LICATION	TOR NEVIEW	
#22-20	Hall Properties, LLC – Variances (Side Yard Setback and Lot Size)	Rec to BOA
	28036 Creamery Street, Kennedyville – Second Election District – Village (V)	
#22-22	Marci Tarrant Johnson –Variance (Pier Length)	Rec to BOA
	22059 Harrington Park Road – Fifth Election District – Critical Area Residential (CAR)	
#22-17	William & Valerie Ashmore – Site Plan (Concept and Preliminary)	PC Decision
	Private Destination/Residence Club, Southeast corner of the intersection of Skinners Ne	ck Road and
	Kelly's Park Road – Fifth Election District – Marine (M)	

GENERAL DISCUSSION

STAFF REPORTS

ADJOURN

Meetings are conducted in Open Session unless otherwise indicated. All or part of the Planning Commission meetings can be held in closed session under the authority of the MD Open Meetings Law by vote of the members. Breaks are at the call of the Chairman. Meetings are subject to audio and video recordings.

All applications will be given the time necessary to assure full public participation and a fair and complete review of all projects. Agenda items are subject to change due to cancellations.

MINUTES

The Kent County Planning Commission met in regular session on Thursday, April 7, 2022, in the County Commissioners' Hearing Room at 400 High Street, Chestertown, Maryland. It was a hybrid meeting, and the following members were in attendance: Chair F. Joseph Hickman, Vice Chair Paul Ruge, County Commissioner P. Thomas Mason; James Saunders; William Sutton; Ray Strong (1:45 pm); and Cynthia L. McCann, Esq., Planning Commission Attorney. Staff in attendance were William Mackey, Director; Carla Gerber, Deputy Director; Mark Carper, Associate Planner; and Michael Pelletier, Clerk.

Chair Hickman called the meeting to order at 1:30 p.m.

MINUTES

Vice Chair Ruge moved to accept the March 3, 2022, minutes as distributed. Mr. Sutton seconded the motion; the motion passed with all in favor.

APPLICATIONS FOR REVIEW:

ALP 22-01 Harmony Crest Partnership – Ag Preservation District – 300 acres

The owners of Harmony Crest Partnership LLC wish to create an Agricultural Preservation District on their 300-acre farm located at 28482 Lambs Meadow Road in the Second Election District. The farm consists of 217 acres of crop land and 70 acres of woodland. Approximately 78% of the soils are considered Class I, II or III. There are two dwellings on the property. The farm is zoned Agricultural Zoning District (AZD) and Resource Conservation District (RCD). It is outside the 10-year water and sewer plan.

The farm is adjacent to a 254-acre easement and is located within the Priority Preservation Area.

Ms. Gerber provided background information and the applicable laws as outlined in the staff report. She advised that the Agricultural Preservation Advisory Board has reviewed the application and recommends approval of the district. Ms. Gerber added that no correspondence had been received.

Mr. Hickman asked for public comment and there was none.

Mr. Sutton made a motion to send a favorable recommendation to the County Commissioners noting that the application meets or exceeds the criteria for creating an Agricultural Land Preservation District, complies with the goal of the Comprehensive Plan to preserve large blocks of contiguous prime agricultural land, and is located within the County's PPA.

Mr. Sanders seconded the motion. The motion passed with all in favor.

ALP 22-02 Harmony Crest Partnership – Ag Preservation District

The owners of Harmony Crest Partnership LLC wish to create an Agricultural Preservation District on their 126.32-acre farm located on Kentmore Park Road in the Second Election District. The farm consists of 101acres of crop land and 25 acres of woodland. Approximately 69.5% of the soils are considered Class II or III. There are no dwellings on the property. The farm is zoned Agricultural Zoning District (AZD) and Resource Conservation District (RCD). It is outside the 10-year water and sewer plan.

The farm is adjacent to over 9,100 acres of districts and easements that stretches from the Sassafras River to the Chester River and is located within the Priority Preservation Area.

Ms. Gerber provided background information and the applicable laws as outlined in the staff report. She advised that the Agricultural Preservation Advisory Board has reviewed the application and recommends approval of the district. Ms. Gerber added that no correspondence had been received.

Mr. Hickman asked for public comment and there was none.

Mr. Sutton made a motion to send a favorable recommendation to the County Commissioners noting that the application meets or exceeds the criteria for creating an Agricultural Land Preservation District, complies with the goal of the Comprehensive Plan to preserve large blocks of contiguous prime agricultural land, and is located within the County's PPA.

Mr. Sanders seconded the motion. The motion passed with all in favor.

22-08 25809a Still Pond Neck, LLC – Site Plan – Utility Solar (Concept)

22-09 25809a Still Pond Neck, LLC – Special Exception – Utility Solar (Concept)

The applicant is requesting concept site plan review and a special exception to construct and operate a utility-scale solar energy system in the Agricultura Zoning District on an 85-acre farm owned by Raymond and Joyce Stoltzfus. The property is located on the southwest corner of the intersection of Still Pond Neck Road and Still Pond Road in the Third Election District.

Mr. Carper noted the area is predominantly farmland with scattered residential properties and the array panels will encompass 5 acres on the northwestern corner of the property. The entrance will be from Still Pond Neck Road. The proposal is consistent with the Comprehensive Plan, and there will be no adverse impacts to adjacent properties in the surrounding area.

Staff recommends sending a favorable recommendation for the special exception to the Kent County Board of Zoning Appeals with the following conditions:

- All state and federal permits will be obtained by the applicant.
- An installation and maintenance plan to include cleaning and landscaping.
- The project shall comply with all the bond-related requirements set forth in the Land Use Ordinance.
- Final Site Plan approval is granted by the Planning Commission.

Staff comments on the concept site plan are that:

- The proposed project will not interfere with traffic or create a safety hazard.
- Year-round screening, as specified in the Land Use Ordinance, shall be provided, and the panel array will be lower than the maximum allowable height.
- The solar collection system will be incidental to the use of the farm and will not adversely impact adjacent properties.
- The area of use will not exceed 5 acres on site. The area of use does not include the required landscape buffers.
- The applicant will need to demonstrate that the proposed energy system will not interfere with the view of, or from, sites of significant public interest.
- A Citizen Participation Plan is included.



The southern portion of the property is wooded, and a Forest Stand Delineation has been submitted and
a Forest Conservation Plan and Easement will be required for the proposed 2.22 acres that will be
permanently protected.

Mr. Carper added that no correspondence was received with this application.

Cory McCandless with SGC Power, Ted Hastings with Becker Morgan Group, and Brue Wilson (remote) with SGC Power were sworn in on behalf of the applicant.

Ms. McCandless informed the Commission that she has been in communication with neighboring properties and that a Citizen Participation Plan has already been distributed. She added that energy generated would go to the grid.

Mr. Wilson noted that about 30 percent of the energy will go to low- to moderate-income subscribers who may see energy savings of 20-25%.

Vice Chair Ruge raised concerns of visibility of the array and its proximity to the road as the land is generally flat. Mr. Hastings added the most energy efficient location will be close to the road and the view will be buffered from neighboring farms. He added the landscaping plan will be submitted reflecting this buffer.

Robert Payne, Jr. of Still Pond was sworn in. He has lived near this property all his life and expressed concern with not only the view, but also the high winds and whether the panels could cause damage.

Jeanne Payne of Still Pond, an adjoining farm owner, was sworn in. Ms. Payne expressed a desire to keep the land agriculture and mentioned that the property in question is good farmland with the potential to yield a lot of crops.

Andy Simmons of Still Pond was sworn in. He voiced concern with the loss of farmland. He is the son of an adjacent property owner, and he is concerned about the precedent this sets as well as impact on property values.

Ms. Gerber indicated there was one other similar solar facility in the County. Mr. Simmons inquired as to whether any neighbors are precluded from seeking to install utility solar, and Mr. Carper indicated this application would not preclude them. Mr. Wilson added that the solar panels are hurricane grade panels capable of handling winds far in excess than those experienced in Maryland.

Frank DeYoung of Chestertown lives close by and was concerned that the siting of solar panels would affect the scenic drive to Betterton, and the County does not need to lose any more farmland, even if it is just 5 acres. Mr. Wilson clarified the height of the panels would only be about 8 feet. Mr. Hastings added that the equipment gets recycled at the end of the contract, and the land will be returned to farmland upon completion.

Vice Chair Ruge inquired about the life span of the panels considering that there would be upgrades. Ms. McCandless noted that there was a 20-year contract with two 10-year extension options totaling a potential of 40 years. She added that 60 feet of buffering is substantial considering other jurisdictions are at around 20 feet. Ms. McCandless noted that the proposal is about 5 acres of an 80-acre parcel and requests the Commission take into account the property owner's rights when making its recommendation.

Chair Hickman inquired about restarting farming after the solar farm is decommissioned and whether they would be stripping the topsoil. Mr. Hastings confirmed that there would be no stripping of the topsoil.



Kent County Planning Commission April 7, 2022 Page 4 of 4

Vice Chair Ruge raised further concerns regarding when the property was subdivided. Mr. Gerber indicated that there was no record of any subdivision, and if there were, it would predate 1989.

Mr. Mason was concerned as to why they could not put the panels farther back. Mr. Hastings noted that the position selected was the most efficient and there is a buffer due to a blue line stream. Mr. Mason noted that he wanted them to know the Commissioners would not agree to a tax exception (PILOT). Mr. Wilson stated that he could not respond to the question on whether or not SGC would request a PILOT.

The Chair inquired as to whether the Planning Commission can send a question regarding the site of the array to the Board of Appeals. Vice Chair Ruge moved that they send a favorable recommendation to the Board of Appeals based on what has been presented, noting that the Commission would like to see the array repositioned farther back from the road towards the southside of the property or understand why the panels cannot be relocated.

Ms. McCann sought clarification as to whether Vice Chair Ruge wants the exception to be an additional condition to the staff recommendation. Chair Ruge clarified that he wanted for the Board to see a plan for repositioning the array toward the back of the property with reasons as to whether the request can or cannot be accommodated. Ms. McCann noted he can make that a condition. Subsequently, Vice Chair Ruge added the exception should be noted as a condition and that an engineering study be conducted to address this issue. Vice Chair Ruge added that the favorable recommendation is approved because the proposal follows the criteria. Mr. Strong seconded the motion.

The vote was 4 to 1 with Mr. Saunders opposed. The Chair noted that a favorable recommendation with conditions was approved by a majority of the members. The Chair added that Mr. Strong was present for these two applications.

Mr. Mackey noted that the next Board of Appeals meeting will be Monday April 18, 2022, at 5:00 pm.

GENERAL DISCUSSIONS

STAFF REPORTS

Mr. Mackey informed the Commission that the department has tentatively filled all open positions.

Mr. Mackey added that the next Comprehensive Rezoning Task Force meeting is set for May 25, 2022, and the department will be entertaining the concept of holding a workshop session with the Planning Commission to discuss meeting processes. Ms. Gerber noted that easement applications are due by May 19, 2022, and the department has been processing a lot of permits. Mr. Carper added that he has been very busy this past month.

Ms. McCann added that if there were any legal topics the Commission was interested in, that could be discussed at a potential workshop as well.

ADJOURN

Vice Chair Ruge moved to adjourn the meeting, and Mr. Strong seconded the Motion. The meeting adjourned at 3:03 pm.

	/s/ Michael Pelletier
Joe Hickman, Chair	Michael Pelletier, Clerk





Department of Planning, Housing, and Zoning

TO: Kent County Planning Commission FROM: Carla Gerber, Deputy Director

MEETING: May 5, 2022 SUBJECT: Steven Green

Zoning Text Amendment - To include within Article V, Section 7.3 of the Village district,

"septic tank maintenance and excavation" as a special exception.

Executive Summary

Request by Applicant

Steven Green proposes to amend Article V, Section 7.3 of the Village District, Special Exceptions, to include "septic tank maintenance and excavation."

Public Process

Per Article XII, Section 6 of the Kent County *Land Use Ordinance* the Planning Commission shall review a proposed amendment, supplement, or change to the *Land Use Ordinance* and make recommendations to the County Commissioners.

Summary of Staff Report

The proposed amendment would add a new use to the Land Use Ordinance.

The Kent County Comprehensive Plan recognizes the importance of supporting existing businesses and providing for more diversity in the size, number, and types of businesses by promoting the development of small, locally owned businesses.

Staff is recommending amendments to the proposed zoning text amendment.

Recommendation

Staff recommends sending a favorable recommendation of the zoning text amendment as amended to the Kent County Commissioners.

PRELIMINARY STAFF REPORT

TO: Kent County Planning Commission

SUBJECT: Steven Green

Zoning Text Amendment - To include within Article V, Section 7.3 of the Village district,

"septic maintenance and excavation" as a special exception.

DATE: April 28, 2022

DESCRIPTION OF PROPOSAL

Steven Green has submitted an application to amend Article V, Section 7.3 of the Village district, Special Exceptions, to include "septic tank maintenance and excavation." No other district has this specific use; however, "contractors' yards" are permitted in the Industrial District and as a special exception in AZD with an associated sand and gravel pit. Crossroads Commercial permits "home and business services such as ground care, cleaning, exterminators, landscaping, and other repair and maintenance services." There is no exclusion of septic tank maintenance as in other districts which would be interpreted to allow such a business in Crossroads Commercial.

APPLICABLE LAW

Article XII, Section 6 of the *Kent County Land Use Ordinance* establishes the standards for the review and approval of a zoning text amendment as follows.

- 1. The County Commissioners may amend, supplement, or change the boundaries of the districts or the regulations of this Ordinance. Any amendment may be initiated by a resolution of the County Commissioners, the motion of the Planning Commission, or petition of any property owner using forms specified by the Planning Commission.
- 2. The application for an amendment to the text of the Ordinance shall, at a minimum, state in particular the article section, and paragraph sought to be amended. The application shall contain the language of the proposed amendment and shall recite the reasons for the proposed change in text.

•••

- 4. Before taking any action on any proposed amendment, supplement, or change, the County Commissioners shall submit the proposal to the Planning Commission for review and recommendation. The Planning Commission may hold a hearing on any proposed amendment, supplement, or change before submitting its recommendation to the County Commissioners. The Planning Commission may request any pertinent data and information as it deems necessary. In its recommendation, the Planning Commission shall address:
 - a) The public need for the proposed amendment; and
 - b) The extent to which the proposed amendment complies with or deviates from the Comprehensive Plan and the Critical Area Law.
 - c) When reviewing an amendment to the zoning map, the Planning Commission shall address the suitability of the property in question for the uses permitted under the proposed zoning. The Planning Commission shall not recommend the adoption of the amendment unless it finds that the adoption of the amendment is in the public interest and not solely for the interest of the applicant. Failure of the Planning Commission to report to the County Commissioners within 60 days after its first meeting after the proposal was referred to them, shall be deemed approval.

COMPREHENSIVE PLAN

The proposed text amendment is consistent with multiple goals and strategies within the Kent County Comprehensive Plan.

- Support existing business retain and promote existing businesses and assist in their growth
- Expand and provide more diversity in the size, number, and type of businesses promote development of small locally owned businesses

STAFF COMMENTS

The Planning Commission will consider the public need for the amendment and consistency with the Comprehensive Plan and Land Use Ordinance.

The public need for the amendment is to allow for greater diversity on where businesses may locate.

The Village district allows small retail businesses, personal service establishments, and service-based businesses that support uses found within neighborhoods and villages. Allowing "septic tank maintenance and excavation" as a special exception within the Village district will expand opportunities for small businesses to open or expand. Requiring review and approval by the Board of Appeals will add some protection to other Village property owners.

Special exceptions are permitted uses but due to their unique characteristics they require an additional level of review. Consideration is given on a case-by-case review of the impact of such uses on neighboring uses, the surrounding area and the public need for the particular use at the particular location. Limitations and standards are established to ensure the use's consistency with the character, uses and activities in the District.

Staff recommends the following conditions as amendments to the zoning text amendment:

- Buildings associated with the use are not visually intrusive or inappropriate to the setting. New buildings and expansions shall be designed in keeping with or to enhance the character of other buildings on the property or adjacent to the property.
- All vehicles and equipment associated with the business must be kept within a building or screened from the view of public roads and adjacent properties. All fences and landscaping must be approved by the Planning Commission as part of site plan review.
- The property shall front on a state highway.

Staff recommends sending a favorable recommendation of the zoning text amendment as amended to the Kent County Commissioners.

APPLICA ION FOR TEXT AMENDMEN TO THE KENT COUNTY LAND USE ORDINANCE KENT COUNTY, MARYLAND

Kent County Department of Planning, Housing and Zoning

Kent County Government Center 400 High Street • Chestertown, MD 21620 410-778-7423 (phone) • 410-810-2932 (fax)

Pursuant to Article XII, "Administrative Procedures" Section 6, "Amendments", of the Kent County Land Use Ordinance, I/W Applicant's Name of Andress hereby petition the Kent County Commissioners to amend the Land Use Ordinance of Kent County, Maryland, as follows: W Cley Section 7.3 to accompany Andress hereby petition the Kent County Commissioners to amend the Land Use Ordinance of Kent County, Maryland, as follows: W Cley Section 7.3 to accompany Andress Hereby petition the Kent County Commissioners to amend the Land Use Ordinance of Kent County, Maryland, as follows: W Cley Section 7.3 to accompany The purpose of the proposed amendment is to permit Section 1.4 to accompany The purpose of the proposed amendment is to permit Section 1.4 to accompany Andress Telephone Number Tele
Applicant's Name Address Address Telephone Number hereby petition the Kent County Commissioners to amend the Land Use Ordinance of Kent County, Maryland, as follows: M
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Atom Who
Applicant's Signature 3-29-22 Date
Date

Please Note: The application for an amendment to the text of this Ordinance shall, at a minimum state in particular, the Article, Section, and paragraph sought to be amended. The application shall contain the language of the proposed amendment.

Instructions: The Land Use Ordinance requires that five (5) copies for Zoning Text Amendment be submitted to the Executive Assistant to the County Commissioners accompanied by \$500.00 filing fee, payable to the County Commissioners of Kent County.

For Office Use Only:	·
File Number	
Date Filed	
Date Referred to Planning Commission	
Date Recommend. Rec'd from Plan. Comm	
County Comm. Public Hearing Date	
County Commissioners Action	
Date of Action	
Property Posted	



Department of Planning, Housing, and Zoning

To: Kent County Planning Commission From: Carla Gerber, Deputy Director

Meeting: May 5, 2022

Subject: Hall Properties, LLC and Alexys Biggs

Variance – side setback and minimum lot size

Executive Summary

Request by Applicant

Hall Properties, LLC, and Alexys Biggs are requesting variances to allow an adjustment of lot lines.

Public Process

Per Maryland State Law and Article IX, Section 2.2 of the Kent County *Land Use Ordinance*, the Planning Commission shall review and make a recommendation to the Board of Appeals for variances.

Summary of Staff Report

The properties are located at 28036 and 28040 Creamery Street, Kennedyville, in the Second Election District and are zoned Village. Neither property meets the minimum size requirement, and the shared property line passes through the dwelling at 28036 Creamery Street. Due to the size and shape of the lots, an adjustment of lot lines cannot be completed without the granting of variances for the side yard setback for 28036 Creamery Street and for the minimum lot size for 28040 Creamery Street.

Staff Recommendation

Staff recommends sending a favorable recommendation to the Board of Appeals for:

- 1) A 5.6-foot variance of the side yard setback requirement for Parcel 64.
- 2) A 3,329-square foot variance from the minimum lot size requirement for Parcel 63.

Staff also recommends as a condition that the variance will lapse after the expiration of one year, if the lot line adjustment presented herein is not recorded.

PRELIMINARY STAFF REPORT

TO: Kent County Planning Commission

SUBJECT: #22-20 – Hall Properties, LLC, and Alexys K. Biggs

Variances – Side Setback and Minimum Lot Size

DATE: April 28, 2022

Description of Proposal

In order to complete an adjustment of lot lines, Alexys Biggs is requesting a 5.6-foot variance from the minimum 8-foot side yard setback requirement for an existing dwelling that will help minimize existing nonconformities. As part of the same application, Hall Properties, LLC, is requesting 3,329-square foot variance from the 9,500 square foot minimum lot size requirement for the adjacent parcel. The properties are located at 28036 and 28040 Creamery Street in the Second Election District and are zoned Village.

This application involves two parcels that are being reconfigured in order to make 28036 Creamery Street less nonconforming. Currently, the property line between Parcels 63 and 64 passes through the dwelling on Parcel 64 (28036 Creamery Street), and neither property meets the minimum size requirement. The lot line adjustment will convey 227 square feet from Parcel 63 to Parcel 64 and the new line of division will be 2.4 feet from the corner of the front porch and approximately 3 feet from the corners of the house. The new line will be about 14 feet from the house on Parcel 63. The property line cannot be located closer to the dwelling on Parcel 63 due to the existing driveway.

Relevant Issues

- I. Density, Height, Width, Bulk, and Fence Requirements
 - A. Comprehensive Plan: "Ensure that all new development or redevelopment meets a high standard of planning, workmanship, and design." (Page 31)
 - B. Applicable Law: Article V, Section 7.5 of the Kent County Land Use Ordinance establishes the density, height, width, bulk, and fence requirements for the Village District.

Minimum Yard

Front 20 feet Side 8 feet Rear 10 feet

Minimum Lot Size – 9,500 square feet Minimum Lot Frontage – 50 feet

C. Staff and TAC Comments: A variance of the side setback requirement is needed for Parcel 64, and a variance of the minimum lot size requirement is needed for Parcel 63 because it will become more nonconforming. The other setback and size nonconformities do not need variances.

II. Variance

A. Applicable Law: Article IX, Section 2.2 of the Kent County Land Use Ordinance authorizes the Board of Appeals to grant variances from the yard (front, side, or rear), height, bulk, parking, loading, shoreline cliff, 15% slope, pier length, impervious surface, stream protection corridor,

and buffer requirements so as to relieve practical difficulties or other injustices arising out of the strict application of the provisions of this Ordinance.

Such granting of a variance shall comply, as nearly as possible, in every respect to the spirit, intent, and purpose of this Ordinance; it being the purpose of this provision to authorize the granting of variation only for reasons of demonstrable practical difficulties as distinguished from variations sought for purposes or reasons of convenience, profit, or caprice.

In order to grant a variance, the Board of Appeals must find all the following:

- a. That the variance will not cause a substantial detriment to adjacent or neighboring property.
- b. That the variance will not change the character of the neighborhood or district.
- c. That the variance is consistent with the Comprehensive Plan and the general intent of this Ordinance.
- d. That the practical difficulty or other injustice was caused by the following:
- i. Some unusual characteristic of size or shape of the property.
- ii. Extraordinary topographical or other condition of the property.
- iii. The use or development of property immediately adjacent to the property, except that this criterion shall not apply in the Critical Area.
- e. That the practical difficulty or other injustice was not caused by the applicants' own actions.
- g. In considering an application for a variance, the Board shall consider the reasonable use of the entire parcel or lot for which the variance is requested.
- h. In considering an application for a variance, the Board of Appeals shall presume that the specific development activity in the Critical Area that is subject to the application and for which a variance is required does not conform with the general purpose and intent of this Ordinance and the Critical Area Law.
- i. The Board may consider the cause of the variance request and if the variance request is the result of actions by the applicant, including the commencement of development activity before an application for a variance has been filed.
- B. Staff and TAC Comments: The variance will not cause a substantial detriment to adjacent or neighboring properties and will not change the character of the neighborhood. The Comprehensive Plan is neutral on this application. The applicants are trying to improve the situation which is caused by the unusual size and shape of the parcels. The practical difficulty was not caused by the applicants' actions as the lots were developed more than 100 years ago. The lot line adjustment is a reasonable request and allows for reasonable use of the properties.

Staff Recommendation

Staff recommends sending a favorable recommendation to the Board of Appeals for:

- 1) A 5.6-foot variance of the side yard setback requirement for Parcel 64.
- 2) A 3,329-square foot variance from the minimum lot size requirement for Parcel 63.

Staff recommends as a condition that the variance will lapse after the expiration of one year, if the lot line adjustment presented herein is not recorded.

Hall Properties, LLC, and Alexys Biggs Creamery Street, Kennedyville



Source: Kent County Department of Planning, Housing, and Zoning. Aerial taken Spring 2019. Map prepared April 2022.

ADMINISTRATIVE HEARING APPLICATION

Kent County Department of Planning, Housing, and Zoning Kent County Government Center

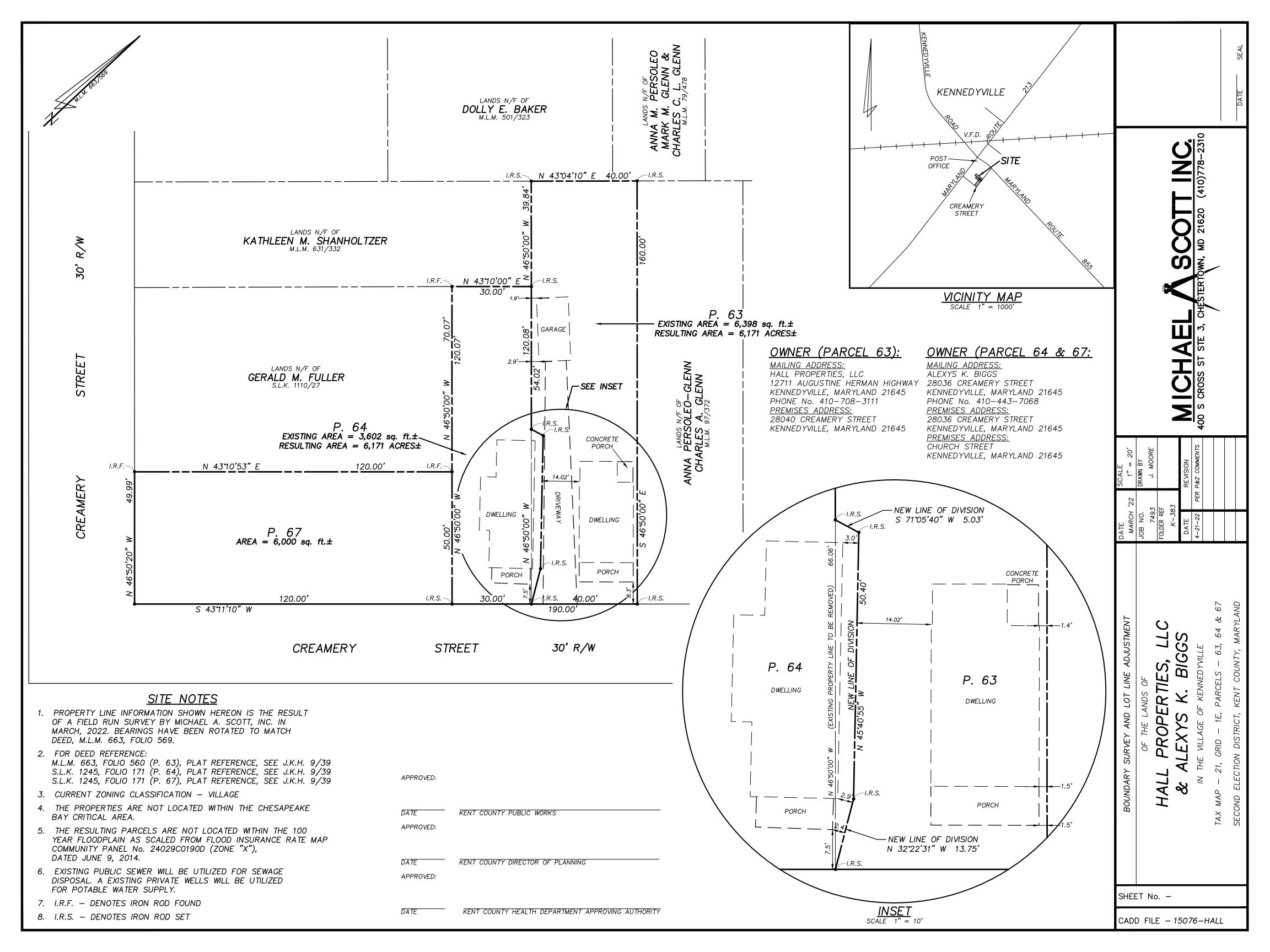
Kent County Government Center 400 High Street • Chestertown, MD 21620 410-778-7475 (phone) • 410-810-2932 (fax)

IN THE MATTER OF THE APPLICATION OF:	For Office Use Only:
(Name, Address and Telephone Number of Applicant)	Case Number:
HALL PROPERTIES LLC.	Date Filed:
	- Filed by:
13200 BLOOMFIELD ROAD	Applicant:
VENNIEDWART E MO 21745	Date of Hearing:
KENNEDYVILLE MD 21645	Parties Notified:
410-708-3111 Email:	Notice in Paper:Property Posted:
	1 toperty Posted
Please provide the email of the one person who will be resperson will be contacted by staff and will be the person readditional information to any other interested parties. EM_MICHAEL@MICHAELASCOTTINC.COM TO THE DEPARTMENT OF PLANNING, HOUSING	sponsible for forwarding the comments or requests for IAIL:
Section 2.1 of the Kent County Land Use Ordin	nance, as amended, request is hereby made for an
Administrative Hearing for:	
X Variance Special Exception	Determination of Nonconforming Use
DESCRIPTION OF PROPERTY INVOLVED:	
Located on: (Name of Road, etc.) 28036 CREAMERY	STREET KENNEDYVILLE MD 21645
In the 2 Election District of Kent County.	
Size of lot or parcel of Land: 0.082 ACRES	
Map: 21 Parcel: 64 Lot #:	Deed Ref: M.L.M. 663/564
<u></u>	2004 101.
List buildings already on property: <u>DWELLING</u>	
Subdivision name and address, if applicable: N/A	
PRESENT ZONING OF PROPERTY: VILLAGE	
DESCRIPTION OF RELIEF REQUESTED: (List here in	
the Appeal Hearing.) SIDE YARD SET BACK OF 3.43' &	£ 4.45'

Revised - 10/22/2019

Present owner of property: HALL PROPERTIES LLC 410-708-3111	_ Telephone:
If Applicant is not owner, please indicate your interest in this property:	
Has property involved ever been subject to a previous application? NO	
If so, please give Application Number and Date:	
PLEASE FILL IN BELOW, OR ATTACH HERETO, A SKETCH OF THIS PROPERTY. List all property measurements and dimensions of any buildings already on the property.	
Put distances between present buildings or proposed buildings and property lines.	
NAMES OF ADJOINING PROPERTY OWNERS:	
Owner(s) on the North: HALL PROPERTIES LLC	
Owner(s) on the South: HALL PROPERTIES LLC & GERALD M. FULLER	
Owner(s) to the East: <u>CREAMERY STREET</u>	
Owner(s) to the West: KATHLEEN M. SHANHOLTZER	
Homeowners Association, name and address, if applicable: N/A	
BY SIGNING THIS APPLICATION, I GRANT THE DEPARTMENT OF PLANNING, HOU ZONING THE RIGHT TO ENTER ONTO THE PROPERTY FOR THE PURPOSE OF VIEWSITE OF THE APPLICATION. 3-28-22	SING AND ING THE
Signature of Owner/Applicant/Agent or Attorney Date	

Please file this form at 400 High Street, Chestertown, MD 21620 accompanied by \$200.00 filing fee made payable to the Department of Planning, Housing & Zoning. If you have any questions, contact the Kent County Department of Planning, Housing and Zoning.





Department of Planning, Housing, and Zoning

To: Kent County Planning Commission From: Mark Carper, Associate Planner

Meeting: May 5, 2022

Subject: Marci Tarrant Johnson

Variance - Pier Length

Executive Summary

Request by Applicant

Marci Tarrant Johnson, owner, is requesting a variance to remove and replace a nonconforming, 95-foot pier that has been determined to exceed 25% of the waterway.

Public Process

Per Maryland State Law and Article IX, Section 2.2 of the Kent County *Land Use Ordinance*, the Planning Commission shall review and make a recommendation to the Board of Appeals for variances.

Summary of Staff Report

The property is located at 22509 Harrington Park Road in the Fifth Election District and is zoned Critical Area Residential (CAR). In accordance with the method for measurement of waterway widths, as specified in the Kent County Land Use Ordinance (LUO), the proposed replacement would exceed the allowable 25% of the channel width. The LUO prohibits in-kind replacement for nonconforming structures that are voluntarily removed by the property owner.

The waterway on which the width was measured leads to a headland to the south on the adjacent parcel. It is approximately 130 feet across. Adhering to 25% of that distance would limit the length of the pier to approximately 33 feet. That portion of the waterway is unnavigable with an average depth of one foot that is increasingly shallowed by sediment. Modest navigability is possible in the waters extending directly outward from the end of the pier and into the main body of Herrington Creek. The width of the waterway parallel to the angle of the pier is 697 feet, and the existing pier projects approximately 13% into the waterway.

The practical difficulty is the consequence of limited water depth, and an absence of a useable pier would reduce the property's value and would greatly impede long-established familial and hospitality traditions. A pier is a reasonable use/structure for a waterfront property.

Staff Recommendation

Staff recommends sending a favorable recommendation to the Board of Appeals.

PRELIMINARY STAFF REPORT

TO: Kent County Planning Commission FROM: Mark Carper, Associate Planner

SUBJECT: Marci Tarrant Johnson

#22-22, Variance – Pier Length

DATE: April 21, 2022

Description of Proposal

Marci Tarrant Johnson, owner, is requesting a variance to replace an existing, nonconforming pier that that has been determined to exceed 25% of the waterway. The applicant proposes to remove and replace an existing 95-foot pier. In accordance with the method for measuring waterway width, as specified in the Kent County Land Use Ordinance, the initial permit was denied as it was determined that the proposed replacement would exceed 25% of the channel width, which is not permitted. The Land Use Ordinance also has language in the Nonconformities section that prohibits in-kind replacement for nonconforming structures that are voluntarily removed by the property owner. The property is located at 22509 Harrington Park Road in the Fifth Election District and is zoned Critical Area Residential (CAR).

Relevant Issues

I. Pier Length

A. <u>Comprehensive Plan:</u>

"Submerged aquatic vegetation (SAV) serves as an important food, nursery, and habitat for many species of fish and fowl. In recent times, SAV in Kent's tributaries have followed a recurring pattern of abundant beds in some years followed by severe declines and then full recovery in a few years. ... Activities such as pier construction and sewerage outfalls must be limited and those permitted must be designed to minimize their impacts." (Page 63)

B. <u>Applicable Law:</u>

The Kent County Land Use Ordinance, Article V, Section 5.4.8 permits as an accessory use, "Private piers, community piers, and private shared piers, not to exceed 25% of the width of the waterway, the edge of the channel, or 150 feet in length, whichever is less and subject to the stipulations of Article VI, Section 3.7 of this ordinance."

Article XI, Section 2 of the *Kent County Land Use Ordinance* specifies that the width measurement of a waterway is made at the shoreline location of the pier and the narrowest width of the waterway from that point.

C. Staff and TAC Comments:

The existing pier is 4.5 feet wide and 95 feet in full length, including access above mean high water (MHW). Maryland's Environmental Resource and Land Information Network (MERLIN) indicates Submerged Aquatic Vegetation (SAV) was present in 2020. In August of 2021, the Maryland Department of the Environment and the Army Corps of Engineers approved the initial project application to remove the existing pier and floating platform and to construct an 80-foot long by 6 feet wide pier and to reconfigure the "L" head platform to make it a 22-foot long by 9-foot wide "L" head platform, all of which is to extend no more than 89 feet channelward of MHW. The total length of the replacement pier would be 95 feet in full length, including access above MHW.

The proposal has been reviewed by the Kent County Health Department, the Department of Public Works, and MDOT SHA, and none have objections or concerns. The waterway on which the width was measured, as defined in the Land Use Ordinance, leads to a headland to the south on the

adjacent parcel. It is approximately 130 feet across. Adhering to 25% of that distance would limit the length of the pier to approximately 33 feet. That portion of the waterway has an unnavigable, average depth of one foot that is increasingly shallowed by sediment. Modest navigability is possible in the waters extending directly outward from the end of the pier and into the main body of Herrington Creek. With this demarcation of the waterway's width at 697 feet, the existing pier projects approximately 13% into the waterway.

II. Nonconforming Structures

A. <u>Applicable Law:</u>

Article VIII, Section 2, Nonconforming Structures, of the *Kent County Land Use Ordinance* specifies the following:

Nothing in these *regulations* shall prevent the repair or reconstruction of a lawful nonconforming *structure* damaged by fire, explosion, act of God, or act of the public enemy provided that the degree of nonconformity is not increased, that a permit is obtained, and construction is begun within two years after the occurrence. This does not apply to *structures* removed or destroyed voluntarily by the property owner or property owner's agent. (Page 431)

B. <u>Staff and TAC Comments</u>: The 40-year-old, existing structure is structurally compromised and beyond repair. The proposed project would not extend the length of the existing pier and would not impede the rights of or access to neighboring piers.

III. Variance

A. Applicable Law:

Article IX, Section 2.2 of the Kent County Land Use Ordinance authorizes the Board of Appeals to grant variances from the yard (front, side, or rear), height, bulk, parking, loading, shoreline cliff, 15% slope, pier length, impervious surface, stream protection corridor, and buffer requirements so as to relieve practical difficulties or other injustices arising out of the strict application of the provisions of this Ordinance.

Such granting of a variance shall comply, as nearly as possible, in every respect to the spirit, intent, and purpose of this Ordinance; it being the purpose of this provision to authorize the granting of variation only for reasons of demonstrable practical difficulties as distinguished from variations sought for purposes or reasons of convenience, profit, or caprice.

In order to grant a variance, the Board of Appeals must find all of the following:

- a. That the variance will not cause a substantial detriment to adjacent or neighboring property.
- b. That the variance will not change the character of the neighborhood or district.
- c. That the variance is consistent with the Comprehensive Plan and the general intent of this Ordinance.
- d. That the practical difficulty or other injustice was caused by the following:
 - i. Some unusual characteristic of size or shape of the property.
 - ii. Extraordinary topographical or other condition of the property.
 - iii. The use or development of property immediately adjacent to the property, except that this criterion shall not apply in the Critical Area.
- e. That the practical difficulty or other injustice was not caused by the applicant's own actions.

•••

- g. In considering an application for a variance, the Board shall consider the reasonable use of the entire parcel or lot for which the variance is requested.
- h. In considering an application for a variance, the Board of Appeals shall presume that the specific development activity in the Critical Area that is subject to the application and for which a variance is required does not conform with the general purpose and intent of this Ordinance and the Critical Area Law.
- i. The Board may consider the cause of the variance request and if the variance request is the result of actions by the applicant, including the commencement of development activity before an application for a variance has been filed.

C. <u>Staff Comments</u>:

This neighborhood is characterized by small, waterfront properties along a shallow cove of Herrington Creek. The current pier was built approximately 40 years ago, and replacement within the approximate current dimension would not change the character of the community or adversely impact the adjacent properties.

The variance is not inconsistent with the Comprehensive Plan or the Critical Area Program. The intent of the Ordinance is that once a nonconforming structure is removed voluntarily, it is to be replaced in compliance with all Ordinance requirements (specifically, the 25% width of waterway restriction). The granting of a variance is required in order to construct a replacement pier of the same length as that existing.

The bathymetric contours require that a functional pier extend greater than 33 feet, and the original construction of the pier accounted for the cove's shallowness, which is worsening because of siltation. The practical difficulty is the consequence of limited water depth, and an absence of a useable pier would reduce the property's value and would greatly impede long-established familial and hospitality traditions. A pier is a reasonable use/structure for a waterfront property.

According to DNR data layers available to staff, subaquatic vegetation appears to have been or to be present in this location. The Tidal Wetlands Division of MDE has authorized the proposed project in tidal wetlands. It is not an historic waterfowl staging area or an anadromous fish spawning habitat.

Staff Recommendation

Staff recommends sending a favorable recommendation to the Board of Appeals for variance for pier length and reconstruction of a nonconforming structure.

BOARD OF APPEALS APPLICATION

DEPARTMENT OF

PLANNING, HOUSING & ZONING
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Kent County Department of Planning, Housing and Zoning

Kent County Government Center 400 High Street • Chestertown, MD 21620 410-778-7423 (phone) • 410-810-2932 (fax)

IN THE MATTER OF THE APPLICATION OF: (Name, Address and Telephone Number of Applicant))	For Office Use Only: Case Number/Date Filed: Filed by:
	Applicant:
MARCI TARRANT JOHNSON	Applicant:Planning Commission:
11 Hencliffe Cale	Date of Hearing:
Pikesulle, MD 21208 410-446-4337	Parties Notified:Notice in Paper:
	Property Posted:
Email: Mrsjohnson 2001@ yahoo.com	
Please provide the email of the one person who will be reperson will be contacted by staff and will be the person readditional information to any other interested parties. El	esponsible for forwarding the comments or requests for
TO THE KENT COUNTY BOARD OF APPEALS: In a	accordance with Article $1X$ Section 2
of the Kent County Zoning Ordinance, as amended, reques	
Appealing Decision of Kent County Zoning Admi Special Exception Nonconforming Us	nistrator Variance
DESCRIPTION OF PROPERTY INVOLVED:	
Located on: (Name of Road, etc.) 22059 Harr	ington Park Rd, Kock Hall, MD 2166
In the 5^{th} Election District of Kent County.	
Size of lot or parcel of Land: 804 AC Map: 655 Parcel: 039 Lot #:	Deed Ref: 00932 /00285
List buildings already on property: Small house b	iil+ 1952
If subdivision, indicate lot and block number: \(\mathcal{N} / \mathcal{A} \)	
If there is a homeowner's association, give name and addre	ess of association: N/A
PRESENT ZONING OF PROPERTY: [Esidentia	
DESCRIPTION OF RELIEF REQUESTED: (List here in	
the Appeal Hearing.) We need to color our ext	stry dock which has become unsate.
New Dock must be & as long as previous	is dock so that water will be
deep enough for small boot	
If appealing decision of Zoning Administrator, list date of t	their decision: 00 of about Normber 19 2021
Present owner(s) of property: Marci Tamant Jo	ohnson Telephone: 410-446-4337

If Applicant is not owner, please indicate your interest in this property:
Has property involved ever been subject to a previous application? Not Since I'm owned the property involved ever been subject to a previous application?
If so, please give Application Number and Date:
PLEASE FILL IN BELOW, OR ATTACH HERETO, A SKETCH OF THIS PROPERTY.
List all property measurements and dimensions of any buildings already on the property.
Put distances between present buildings or proposed buildings and property lines. N/A > This is a DOCK
NAMES OF ADJOINING PROPERTY OWNERS: See attached map.
Owner(s) on the North: North west: 22039 Harrington Park Rd Wayne Wilson (owner/resident)
Owner(s) on the South: P/A
Owner(s) to the East: North East: 22063 Hamington Park Rd Robert + Nanette Dean (owner/resident)
Owner(s) to the West: P/A
Homeowners Association, name and address, if applicable: N/A
BY SIGNING THIS APPLICATION, I GRANT MEMBERS AND ALTERNATE OF THE BOARD OF ZONING APPEALS THE RIGHT TO ENTER ONTO THE PROPERTY FOR THE PURPOSE OF VIEWING THE SITE OF THE APPLICATION OR APPEAL.
lu + () 3/19/22
Signature of Owner/Applicant/Agent or Attorney Date
Please file this form at 400 High Street, Chestertown, MD 21620 accompanied by \$350.00 filing fee made payable to the County Commissioners of Kent County. The filing fee for appeals of a Zoning Administrator's decision is \$250.00. If you have any questions, please contact the Clerk at 410-778-7467.
NOTICE: Neither the Board of Appeals nor the Planning Department is required to make out this Application. If the Planning Department assists you, it cannot be held responsible for its contents.

Applicants arriving more than 10 minutes after the scheduled hearing will not be heard and will be re-scheduled

at the applicant's expense.

Marci Tarrant Johnson, Esq. 11 Glencliffe Circle Pikesville, MD 21208

March 19, 2022

RE: Application for variance
Pier replacement application
22059 Harrington Park Rd, Rock Hall

Dear members of the Technical Advisory Committee:

I have owned the property at 22059 Harrington Park Road since the death of my mother, Shirley Tarrant, in April of 2003 (My father kept a life estate interest in the house until his death in 2017). The property was originally purchased by my grandfather, Frank Riley, in the early 1950's, and he built both the original pier and the "Sears Catalogue" house.

The original pier was replaced by the existing pier some time in my youth. I believe I was a teenager, which would make it the early 1980's. It has not been replaced since then, although repairs have been done every few years, and boards are constantly being replaced due to ever rising tides.

The existing pier is now structurally compromised and beyond simple repair, which is not unforeseen for a pier that is approximately 40 years old. We entertain frequently, and I am concerned that it is no longer safe, so I sought the services of Island Marine Construction in March of 2021 to design and replace the existing pier. I had hoped to have it completed by October 2021, but the permitting process was longer than expected due to the pandemic. Finally, in October, all of our permits were approved except for Kent County, and I looked forward to completing the project this spring.

On November 19, 2021, Dani Racine at Lane Engineering forwarded me an email and paperwork from Carla Gerber that our permit was being denied:

"In reviewing the pier permit for Marci Johnson, we have determined that it exceeds 25% of the width of the waterway based on the County's definition. From the Land Use Ordinance (https://www.kentcounty.com/planning/land-use-contents), waterway width measurement: "the measurement is made at the shoreline location of the pier and the narrowest width of the waterway from that point." In the case of this pier, the narrowest width is to the headland to the south on the adjacent parcel, which is approximately 130 feet across. The Land Use Ordinance also has language in the Nonconformities section that does not allow in-kind replacement for nonconforming structures that are voluntarily removed by the property owners. In order to demolish and replace the pier, the owners will need to apply for a variance to allow the pier to exceed 25% of the width of the waterway."

DEPARTMENT OF

PLANNING, HOUSING & ZONING

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My primary reason for applying for the variance is that not being able to replace this pier would create an unwarranted hardship. The pier is currently the highlight of our property. We fish, kayak, paddleboard and boat from that pier. It is enjoyed by family and friends on a regular basis. The water is extremely shallow in our cove, and if we were to replace the pier to comply with the committee's interpretation of the Land Use Ordinance, the pier could only be 33 feet long. (It is currently 95 feet long). Thirty feet from our shoreline, the depth of water is approximately one foot on average. There would be no point in building a 33-foot pier, as we would be unable to enjoy any water activities in a foot of water.

The inability to replace this pier also causes an unwarranted hardship as losing the pier will significantly negatively impact the value of this property. The main feature of the property is that it is waterfront with boat access. The property itself is small, with a tiny house built in 1952. The overwhelming value of the property lies in the water and pier.

Finally, I have to say that after speaking with my contractor, we believe that the "waterway" used for the calculation may be an incorrect interpretation. The red line from the pier to the point south as illustrated in the attached site overview is through an unnavigable waterway. That particular area of water is extremely shallow and mostly marshy area and is not navigable, even by kayak. The "navigable waterway" is the area where I drew the black arrow, which is the channel area where all residents of the cove enter and exit by vessel.

Thank you so much for your consideration of this matter. Please reach out to me if I have not provided all of the necessary documentation,

Very Truly Yours,

410-446-4337

Cc: Dani Racine

Lane Engineering

Ronald Reiss

Island Marine Construction

Bramble (Farm)
Property
Survey
Pd.



Map data @2022 100 ft _____

RE: 22059 Harrington Park Road

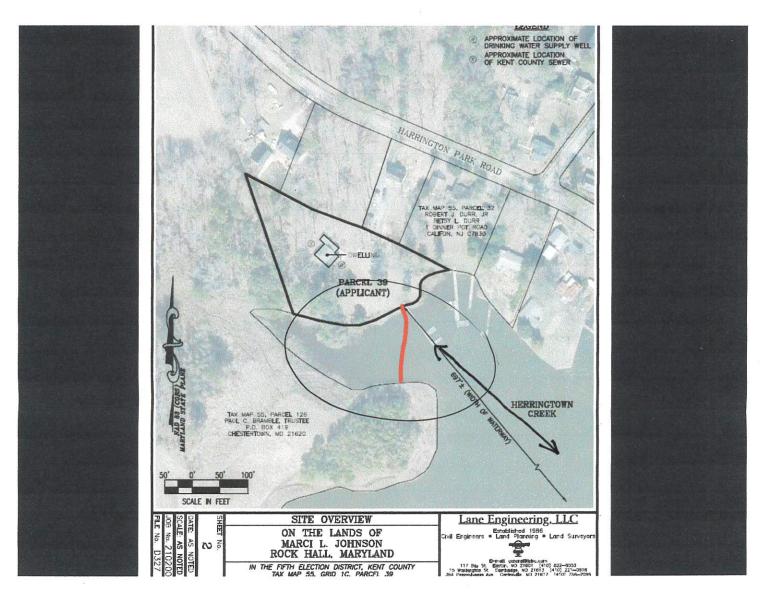
From: Dani Racine (dracine@leinc.com)

To: mrsjohnson2001@yahoo.com; cgerber@kentgov.org; ronniereiss@rocketmail.com

Date: Monday, November 22, 2021, 09:18 AM EST

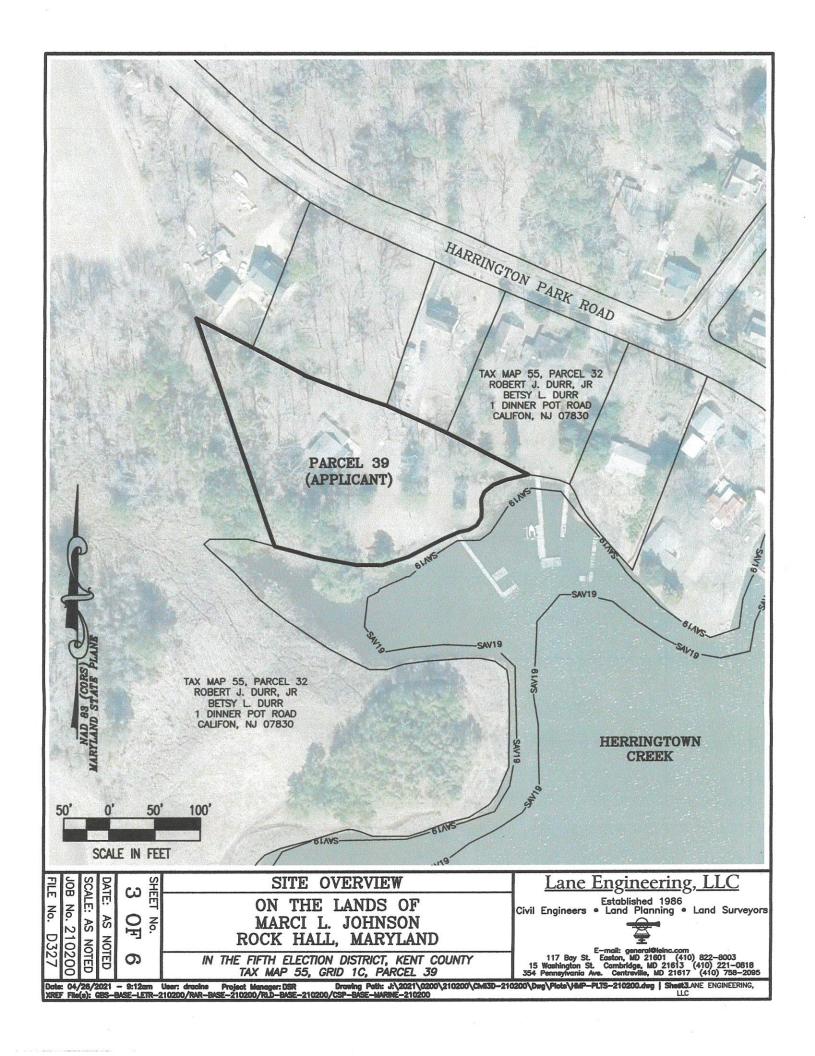
Everything proposed complies with the State & County regulations other than the pier length from the County's point of view. The pier is only allowed to extend ¼ distance of the channel and per the below email, the County is suggesting that the width of the waterway be measured between your shoreline and the Bramble property (see red line below). With this measurement the new pier could only be roughly 33 ft. The County is also suggesting that they do not allow for in-kind replacements of nonconforming structures without a variance. At this point, all they will allow you to do is perform maintenance to what is there but they will not allow you to demolish and rebuild a pier that is longer than 33 ft.

You could always build less than what the State permit authorizes without having to go back through the State/Federal permitting process but at this point it is solely an issue with the County. You could certainly apply for the variance without a land use attorney but it is always our recommendation to have an attorney because the burden of proving "unwarranted hardship" which is the variance standard is on the applicant.

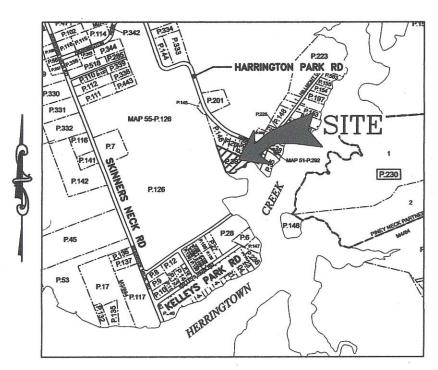


Dani S. Racine
Environmental Planner
Lane Engineering, LLC
117 Bay Street
Easton, MD 21601

This area where calculated is NOT a rangable waterway. It is shallows + marsh land. He "channel" or nangable waterway 15 where I drew the arrow.



PIER REPLACEMENT PERMIT DRAWINGS PREPARED FOR MARCI L. JOHNSON IN THE FIFTH ELECTION DISTRICT KENT COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 1,000'

ENGINEER

Lane Engineering, LLC

117 BAY STREET
EASTON, MARYLAND 21601
(410) 822-8003

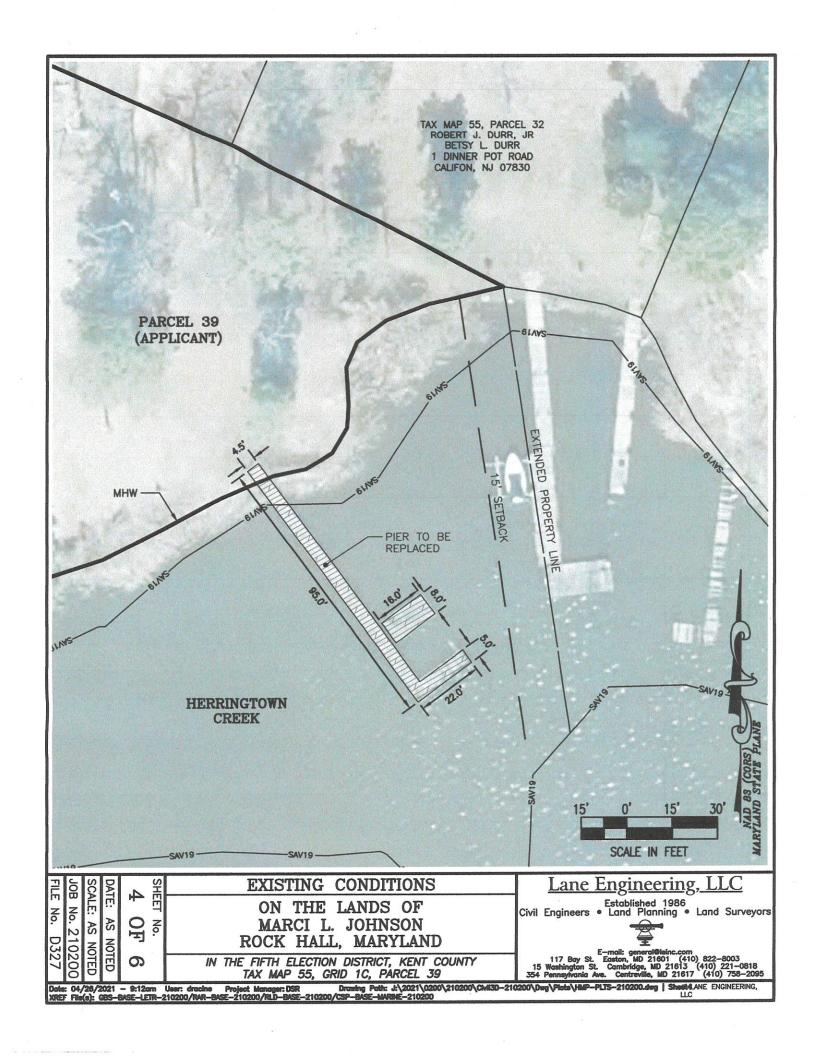
OWNER/DEVELOPER

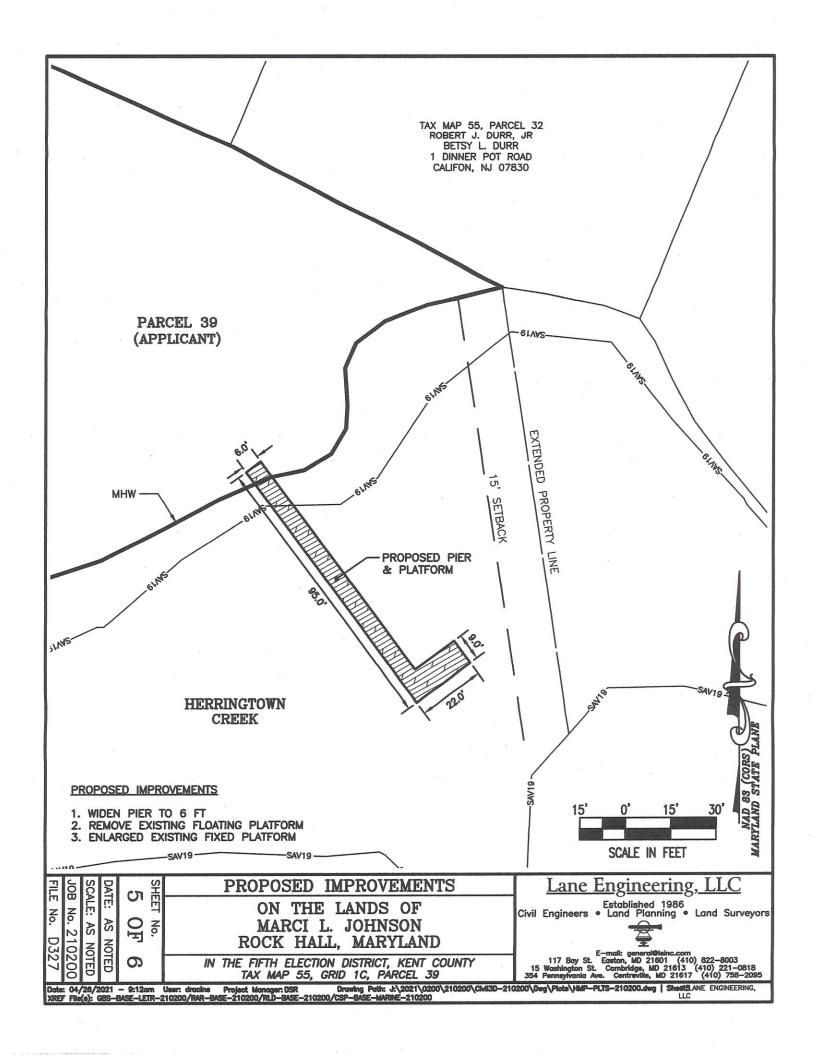
MARCI L. JOHNSON 11 GLENCLIFFE CIRCLE PIKESVILLE, MD 21208

PROJECT LOCATION

22059 HARRINGTON PARK ROAD ROCK HALL, MD 21661

ISSUE FOR:		DATE:	BY:	No.	DATE:	REVISION:	BY:
MDE SUBMITTAL		04/26/21	DSR				
	SHET No.	TITLE SE ON THE LA MARCI L. JO ROCK HALL, 1	NDS (N		Lane Engine Civil Engineers • Land Plan	1 1986 Inning • Land Surveyors
TAX MAP 55, GRID 1C, PARCEL 39					E-mail: general 117 Bay St. Easton, MD 21 15 Washington St. Cambridge, 354 Pennsylvania Ave. Centreville,		
Dote: 04/26/2021 - 9:12cm User: drucine Project Manager: DSR Drawing Poth: J:\2021\0200\210200\CM3D-210200\Dwg\Piots\MMP-PLTS-210200.dwg Sheet1.ANE ENGINEERING, XREF File(e): GBS-BASE-LETR-210200/RAR-BASE-210200/RLD-BASE-210200/CSP-BASE-MARINE-210200							







Department of Planning, Housing, and Zoning

TO: Kent County Planning Commission FROM: Carla Gerber, Deputy Director

MEETING: May 5, 2022

SUBJECT: William and Valerie Ashmore – Major Site Plan – Private Destination/Residence Club

(Concept and Preliminary)

Executive Summary

Request by Applicant

Mr. and Mrs. Ashmore are requesting preliminary site plan approval for the construction of a private destination/residence club with three guest suites and one owner's suite.

Public Process

Per Maryland State Law and Article VI, Section 5 of the Kent County *Land Use Ordinance* the Planning Commission shall review and approve Major Site Plans.

Summary of Staff Report

Mr. and Mrs. Ashmore are proposing to construct a private destination/residence club on their 0.45-acre parcel located at the southeast corner of the intersection of Skinners Neck Road and Kelleys Park Road near Rock Hall. The residence club will have three guest suites and one owner's suite. The parcel is zoned Marine (M) and the surrounding area is a mix of residential and marine uses.

The application complies with the standards of the Land Use Ordinance.

Recommendation

Staff recommends granting preliminary approval. Staff suggests the following conditions for final approval:

- Submission of all required sureties for stormwater management, sediment and erosion control, and landscaping.
- Submission of renderings and elevations.
- Submission sign details if one if proposed.
- Approval by the County Attorney of agreement regarding boat slips for the residence club.

PRELIMINARY STAFF REPORT

TO: Kent County Planning Commission

SUBJECT: William and Valerie Ashmore – Major Site Plan – Private Destination/Residence Club (Concept and

Preliminary)

DATE: April 28, 2022

DESCRIPTION OF PROPOSAL

Mr. and Mrs. Ashmore are proposing to construct a private destination/residence club on their 0.45-acre parcel located at the southeast corner of the intersection of Skinners Neck Road and Kelleys Park Road near Rock Hall. The residence club will have three guest suites and one owner's suite. The parcel is zoned Marine (M) and the surrounding area is a mix of residential and marine uses.

Relevant Issues

I. Uses

A. Comprehensive Plan:

- "Retain and promote existing businesses and assist in their growth." (page 8)
- "Promote Kent County as a boating center." (page 16)
- "Enhance and expand locally based tourism that is rooted in the unique natural, cultural, and historic features and qualities of Kent County." (page 18)
- B. *Applicable Law*: Article V, Section 13.2, #8.5 of the Kent County Land Use Ordinance permits private destination/residence clubs in the Marine District with the following conditions:
 - a. The aggregate Marine zoned property shall consist of 4 or more acres.
 - b. The facilities for such overnight accommodations shall pay the appropriate county taxes, including taxes payable under Article III or Chapter 152 of the Code of Public Local Laws if Kent County.
 - c. The facilities for overnight accommodations shall use a reservation system.
 - d. Permitted accessory uses may include clubhouse, restaurants, cafés or other dining facilities; bars, pubs or taverns; recreational facilities, such as tennis courts, swimming pools, and spas and other accessory uses that are customarily associated with a lodging facility. The permitted accessory uses shall not include trap, skeet, clay birds, paint ball, or other similar firearm activities. The applicant shall describe all proposed accessory uses in the application for site plan. Recreational facilities shall be at least twenty-five (25) feet from the nearest property line.
 - e. Where they exist, listed historic structures shall be incorporated into the overall project.
 - f. Significant view corridors, both from the site and onto the site, shall be preserved as far as possible.
 - g. The height of all structures shall not exceed thirty-eight (38) feet.
 - h. Parking lots shall be landscaped as required for commercial developments in Article V, Section 11 of this Ordinance.
 - i. The approval of a facility for overnight accommodations shall not impose restrictions that will preclude the use of the marina and property for commercial marine uses permitted in the Marine Zoning District, including boat building, storage, and repair; however, the continuation of these uses shall not be required. The maintenance and continuation of boat slips will be required.
 - j. The County may require connection to a public sewer system, if and when such system is available.
 - k. Campgrounds, mobile homes, recreational vehicle and manufactured home parks shall not be considered private destination or residence clubs.

- C. Staff and TAC Comments: Although the subject parcel is less than 4 acres, the aggregate area of adjacent parcels zoned Marine is approximately 8.3 acres. The parcel is vacant, and no accessory uses are proposed. The applicant is proposing low level landscaping and the proposed structure will resemble a single-family dwelling which will have minimal effect on view corridors. A landscaping plan has been submitted. An agreement for the use of three slips at the adjacent marina, also owned by the applicant, has been drafted. The property has access to public sewer.
- II. Density, Area, Height, Width and Yard Requirements
 - A. Applicable Law: Article V, Section 13.5 of the Kent County Land Use Ordinance requires the minimum yard:

Front 30 ft (there is a front yard of 15 feet on the side street or a corner lot)

Side 8 ft (when adjacent to M)
Rear 10 ft (when adjacent to M)
Waterfront Minimum 100 ft buffer

B. Staff and TAC Comments: The proposed improvements meet the setback requirements. Although this parcel isn't waterfront, the 100-foot buffer extends onto the property. There are no site improvements within the buffer.

III. District Environmental Standards

A. Applicable Law: Article V, Section 13.6 in the Kent County Land Use Ordinance establishes the Marine Environmental Design Standards, which include stormwater and Critical Area standards. The purpose of these standards is to provide for the proper stewardship of the County's natural resources. Specifically, it is the overall goal of the County to maintain the quality of the County's ecosystem in the face of continuing activity, growth and change.

Within the Land Use Ordinance, Article VI, Section 7 addresses Floodplain Management, Section 9 addresses Erosion and Sediment Control, and Section 10 addresses Stormwater Management.

B. Staff and TAC Comments:

Conceptual stormwater and sediment and erosion control plans have been submitted. Estimates and sureties, along with approved plans will be required for final site plan approval.

Marine is an Intense Development Area within the Chesapeake Bay Critical Area. Lot coverage limits do not apply; however, all development must reduce pollutant loadings coming off the site by at least 10%. Stormwater management computation worksheets have been submitted showing compliance with the 10% reduction rule.

The applicants are proposing to use fill to raise the base for the foundation approximately 4 feet. The Base Flood Elevation is 6 feet, and the concrete slab for the garage will be 8.25 feet. The first-floor elevation will be 18.25 feet. The fill will be compacted to 95% of the maximum density obtainable by the Standard Proctor Test. As required by the floodplain regulations, the engineer for the applicant has stated in the attached letter that flooding risk will not increase to adjacent properties as existing drainage patterns will be maintained and there will be no measurable impact on increased flooding.

IV. Parking and Loading Requirements

A. Applicable Law: Article VI, Section 1.3 of the Kent County Land Use Ordinance establishes the parking standards. Lodging facilities require 1 space per guest unit, plus 1 per employee.

B. Staff and TAC Comments: The site plan has four parking spaces on the Skinners Neck Road side of the property. The applicant has acknowledged that boat trailer parking will be allowed by the users of the public landing on the opposite side of Skinners Neck Road from the proposed driveways.

V. Landscaping

- A. Applicable Law: Article V, Section 13, #8.5.h of the Land Use Ordinance requires parking lots for private destination/residence clubs to be landscaped as required for commercial developments in Article V, Section 11. Article V, Section 13.7, #4 and 5 establishes the general landscaping and screening requirements in the Marine district.
- B. Staff and TAC Comments: The driveway/parking area is fully landscaped with holly shrubs lining the edges and landscape beds on the sides with single elm trees and perennials and a landscape bed between the garage doors with shrubs and perennials. Kelleys Park Road is screened with a mix of understory trees, evergreens, shrubs and perennials.

VI. Site Plan Review

- A. Comprehensive Plan: "Implement thorough design review for new development and major renovations." (Page 33)
- B. Applicable Law: Article VI, Section 5.3 of the Kent County Land Use Ordinance establishes site plan review procedures. The Planning Commission shall prepare findings of fact concerning the reasonable fulfillment of the objectives listed below.
 - a. Conformance with the Comprehensive Plan and, where applicable, the Village Master Plan.
 - b. Conformance with the provisions of all applicable rules and regulations of county, state, and federal agencies.
 - c. Convenience and safety of both vehicular and pedestrian movement within the site and in relationship to adjoining ways and properties.
 - d. Provisions for the off-street loading and unloading of vehicles incidental to the normal operation of the establishment, adequate lighting, and internal traffic control.
 - e. Reasonable demands placed on public services and infrastructure.
 - f. Adequacy of methods for sewage and refuse disposal, and the protection from pollution of both surface waters and groundwater. This includes minimizing soil erosion both during and after construction.
 - g. Protection of abutting properties and County amenities from any undue disturbance caused by excessive or unreasonable noise, smoke, vapors, fumes, dust, odors, glare, stormwater runoff, etc.
 - h. Minimizing the area over which existing vegetation is to be removed. Where tree removal is required, special attention shall be given to planting of replacement trees.
 - The applicant's efforts to integrate the proposed development into the existing landscape through design features such as vegetative buffers, roadside plantings, and the retention of open space and agricultural land.
 - j. The applicant's efforts to design the development to complement and enhance the rural and historic nature of the County including incorporating into the project forms and materials that reflect the traditional construction patterns of neighboring communities.
 - k. The building setbacks, area, and location of parking, architectural compatibility, signage, and landscaping of the development, and how these features harmonize with the surrounding townscape and the natural landscape.

C. Staff and TAC Comments:

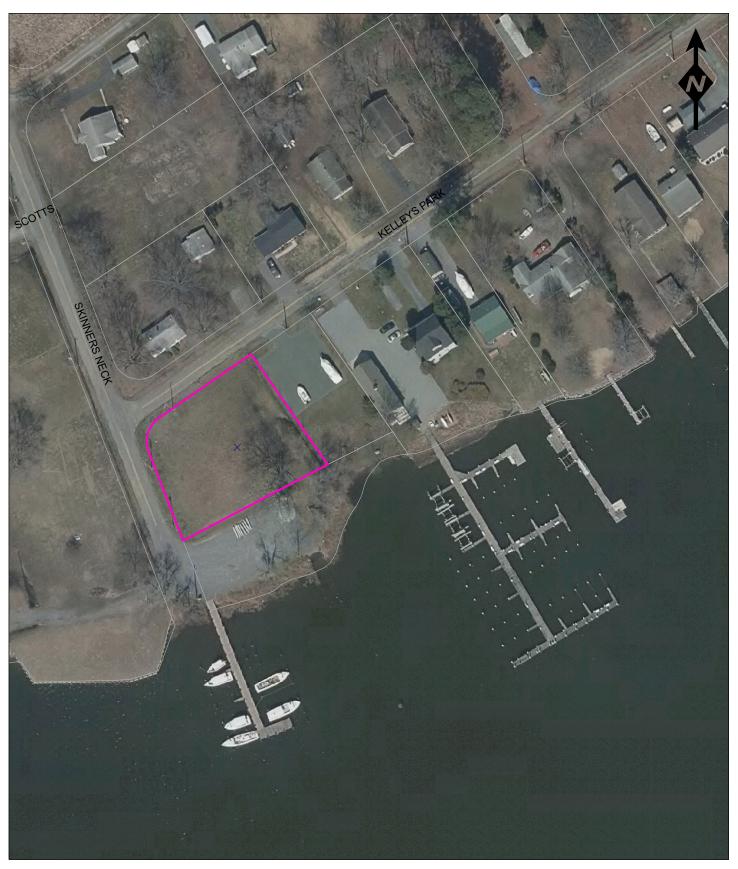
- The proposal is consistent with strategies and goals of the Comprehensive Plan.
- The property is served by public sewer and private well. The applicant has been working with Public Works concerning the location of the grinder pump and terminal flushing connection.
- Conceptual stormwater management and erosion and sediment control plans have been submitted for review.
- Sufficient parking is provided on the property.
- The landscaping meets the requirements.
- Reasonable demands will be placed on public services and infrastructure. The applicant will coordinate with Public Works regarding necessary sewer allocation.
- Proposed building elevations have been submitted. While the building is large, it contains features and colors compatible with existing waterfront development in the County.
- Exterior lighting will be attached to the building and will be dark sky compatible.
- No information on any proposed signs has been submitted.
- The proposed building complies with the setback requirements.
- A citizen participation conference call was scheduled for April 12, 2022. A final report has not been submitted.

Staff Recommendation

Staff recommends granting preliminary approval. Staff suggests the following conditions for final approval:

- Submission of all required sureties for stormwater management, sediment and erosion control, and landscaping.
- Submission of renderings and elevations.
- Submission sign details if one if proposed.
- Approval by the County Attorney of agreement regarding boat slips for the residence club.

William and Valerie Ashmore Skinners Neck Road/Kelleys Park Road



Source: Kent County Department of Planning, Housing, and Zoning. Aerial taken Spring 2019. Map prepared April 2022.

Kent County Department of Planning, Housing and Zoning

Kent County Government Center 400 High Street • Chestertown, MD 21620 410-778-7475 (phone) • 410-810-2932 (fax)

SITE PLAN APPLICATION

File Number:		Amour	nt Paid:	Date: 2/24/2022				
Project Name: Gra	ys Inn							
	55 Parcel: Lot:			0.449		1079/197		Marine
LOCATION: <u>G</u> 1	ays Inn Avenue, Ro	ck Hall, M	1aryland 2	1661				
PROPOSED USE:	Private Destinatio	n / Reside	ence Club					
OWNER OF LAN	D:							
Name: <u>William &</u>	Valerie Ashmore			Tele	ephone:	410-639-7	212	
Address: <u>21979 K</u>	<u> Celleys Park Road, R</u>	ock Hall,	Maryland	21661	Email:_	bill@gray	sinncreek	com_
APPLICANT:								
Name: <u>(same as o</u> v	wner)		Tel	ephone:				
AGENT/ATTOR	NEY (if any):							
Name:			Tel	ephone				
Address:			Er	nail:				
REGISTERED EN	NGINEER OR SUR	VEYOR:						
Name: DMS & As	sociates, LLC			Tele	ephone:	443-262-913	0	
Address: P.O. Box	80 Centreville, MD	21617		Em	ail: kjs(@dmsandasso	ociates.co	m
Water Supply:	☐ Public System	X On 1	ot system					
Sewerage:	X Public System	On 1	lot system					
TELEPHONE SEI	RVICED BY: Ver	izon						
ELECTRIC SERV	ICED BY: Del	marva Pov	wer					
		1	The				2/2	HZZ
		Signat	ure of App	licant				Date
X Concept Plan	Approving Author	rity:	8			Dat	te	
${f X}$ Preliminary	Approving Author	rity:				Dat	te	
Fina1	Approving Author	rity:				Dat	te	



Davis, Moore, Shearon & Associates, LLC

April 8, 2022

Mr. William Mackey, Planning Director Kent County Department of Planning & Zoning 400 High Street Chestertown, Maryland 21620

RE: COMBINED CONCEPT AND PRELIMINARY SITE PLAN SUBMITTAL FOR A PROPOSED PRIVATE DESTINATION / RESIDENCE CLUB, SKINNERS NECK ROAD, ROCK HALL, MARYLAND KENT COUNTY TAX MAP 55, PARCEL 128, LOT 1 DMS & ASSOCIATES JOB #2021186

Dear Mr. Mackey,

Attached please find revised plans for the above referenced project. The revisions are in response to the TAC comments dated March 9, 2022. We offer the following:

- 1. Department of Public Works:
 - a. The parcel number has been corrected on the attached site plan application.
 - b. We will coordinate with DPW regarding the necessary sewer allocation.

Additional DPW comments were received via email dated March 30, 2022. Responses are show in *italic*.

1. With regard to the multiple access driveways on Skinners Neck Road. As you may recall during discussions on the land transfer, the Department was initially interested in obtaining additional parking along Skinners Neck Road to improve availability for trailer parking which has a big impact on use of the public boat launch. Overflow parking is occasionally used along the road right of way between the intersection and landing. In acceding to the multiple driveway access on Skinners Neck Road we would want an understanding that overflow trailer parking can and may occur at times on the opposite side of the road along the right of way.

The owner understands and does not have issues with overflow trailer parking occurring at times on the opposite side of the road along the right of way.

2. The parking depth for all 4 spaces needs to be the standard parking space length of 20 ft. and not extend into the County right of way.

The proposed interior parking spaces are a minimum 20-ft deep as measured from the right of way line.

3. From the initial grading plans the driveway access to Skinners Neck Road is at the high point of the road drainage elevation. Grading will need to show that drainage

from the driveways will flow to the north and south into the road swales. This will negate the need for a cross pipe. This would be a cost savings.

The revised grading plan shows the drainage flowing to the north and south from the driveway negating the need for a culvert pipe.

4. Note that the non-rooftop disconnection area cannot include area within the County right of way.

We acknowledge that non-rooftop disconnection areas cannot be located within the County right of way.

5. There is an existing terminal flushing connection and valve box located within the proposed driveway that will be required to be relocated outside of the driveway at the developer's expense as directed by the County.

If the terminal flushing connection cannot be made traffic bearing, we will relocate it outside of the proposed driveway.

- 6. The grinder pump location will need to be relocated closer to the intersection as it cannot be in the driveway area or within an electric service easement.
 - The proposed grinder pump has been located closer to the intersection.
- 2. We acknowledge that MDOT SHA has reviewed this application and has no issues or concerns.
- 3. We acknowledge that the County Health Department has approved this application.
- 4. The proposed steps and landing have been moved out of the BRL.
- 5. The Site Statistic "Area in Bufferyards" has been removed.
- 6. The Kent county Sediment Control Inspector's phone number has been updated.
- 7. We have added two parking spaces between the two driveways to allow room for a minimum of four cars without necessitating moving cars.
- 8. DPW has reviewed this configuration and appears agreeable to the layout.
- 9. The owners of record have been added to the title block.
- 10. Attached please find pictures of the proposed building elevations for your review.
- 11. Attached please find an agreement designating three slips at a nearby marina owned by the Ashmores for use by paying guests of the Residence Club. The agreement will be executed and recorded prior to final site plan approval.
- 12. Stormwater management computation worksheets are attached which includes the 10% pollutant removal compliance.

13. Based on comments received by DPW, it is our understanding that access to the project and the capacity of the road is not an issue.

14. The amount of proposed fill is approximately 750 cubic yards. As this site is in a coastal floodplain rather than a riverine floodplain, no measurable impact on increased flooding will occur. Flooding risk will not increase to adjacent properties either as the existing

drainage patterns will be maintained in the proposed conditions.

15. We acknowledge that all structural fill shall be compacted to 95% of the standard proctor density.

16. The Flood Elevation of Sheet C-2 has been corrected from Elevation 5.0 to Elevation 6.0.

17. A landscape plan has been developed and included in this plan set.

18. The parking area has been screened with shrubs.

19. We believe the attached landscape plan addresses the landscape requirements and a waiver is not needed.

warver is not needed.

20. All site lighting will be wall mounted and dark sky compatible.

We ask that you please review this information and place the project on the May 5th Planning Commission agenda for review. If you have any questions or need additional information, please feel free to contact me at 443-262-9130.

Sincerely,

DMS & Associates, LLC

Kevin J. Shearon, P.E., LEED AP

Enclosures

pc: Mr. & Mrs. William Ashmore (via email)

PROJECT NARRATIVE

GRAYS INN Private Destination / Residence Club Skinners Neck Road Rock Hall, Maryland

In accordance with Article VI, Section 5.4.B of the Kent County Zoning Ordinance, we offer the following:

Name and address of the landowner, the developer and/or representative, if different from the owner

The property is owned by Mr. & Mrs. William Ashmore. They are the property owners and the developers.

Street address, tax map, parcel number, and subdivision if any

The site is located at the southeast corner of the intersection between Skinners Neck Road and Kellys Park Road near Rock Hall, Maryland. The property is identified as Tax Map 55 Parcel 128, Lot 1. A subdivision is not needed as part of this project.

Zoning of the site

The site is zoned Marin (M). The surrounding properties to the north, east, south, and west are also zoned Marine and account for a combined zoning district greater than four acres.

Current and proposed use of the property

The property is currently vacant. A Private Destination / Residence Club with three guest suites and one owner suite is proposed on the property. The club will be developed and operated in accordance with the conditions noted in the Land Use Ordinance, Section 13.2(8.5) which include:

- a. The aggregate Marine zoned property shall consist of 4 or more acres. *The Marine zone in this area consists of approximately 8.3 acres.*
- b. The facilities for such overnight accommodations shall pay the appropriate county taxes, including taxes payable under Article III or Chapter 152 of the Code of Public Local Laws if Kent County.

It is understood that the overnight accommodations associated with this club will pay all applicable taxes.

c. The facilities for overnight accommodations shall use a reservation system.

A reservation system will be used to book overnight accommodations.



d. Permitted accessory uses may include clubhouse, restaurants, cafés or other dining facilities; bars, pubs or taverns; recreational facilities, such as tennis courts, swimming pools, and spas and other accessory uses that are customarily associated with a lodging facility. The permitted accessory uses shall not include trap, skeet, clay birds, paint ball, or other similar firearm activities. The applicant shall describe all proposed accessory uses in the application for site plan. Recreational facilities shall be at least twenty-five (25) feet from the nearest property line.

At this time no accessory uses are proposed. Should an accessory use be added later, the approval of such will be done so following review by the county.

e. Where they exist, listed historic structures shall be incorporated into the overall project.

There are no historical structures on the property.

f. Significant view corridors, both from the site and onto the site, shall be preserved as far as possible.

View corridors have been preserved to the extent possible. Only 1,940-sf of structure is proposed on the 0.45 acre parcel. The landscaping has been designed to be low-level.

g. The height of all *structures* shall not exceed thirty-eight (38) feet.

The height of the proposed structure is less than 38-ft as defined by the

code.

h. Parking lots shall be landscaped as required for commercial developments in Article V, Section 11 of this Ordinance.

Landscape screening has been provided at the edge of the proposed parking area.

i. The approval of a facility for overnight accommodations shall not impose restrictions that will preclude the use of the marina and property for commercial marine uses permitted in the Marine Zoning District, including boat building, storage, and repair; however, the continuation of these uses shall not be required. The maintenance and continuation of boat slips will be required.

The proposed club with overnight accommodations will not impede the rights of others to conduct permitted activities within the Marine Zoning District. An agreement has been drafted designating three boat slips at the nearby marina owned by the Ashmores for use by the paying guests of the Residence Club. The agreement will be recorded prior to final site plan approval.

j. The County may require connection to a public sewer system, if and when such system is available.

As indicated on the site plan, the club will be connected to the existing public sewer system adjacent to the site.

k. Campgrounds, mobile homes, recreational vehicle and manufactured home parks shall not be considered private destination or residence clubs.

The proposed club is not classified as any of the above mentioned uses.

An explanation of viewshed, open space, and conservation analysis undertaken during the design of the site plan

The placement of the proposed building will be near the intersection of Skinners Neck Road and Kelly's Park Road. It is located outside of the Critical Area 100-ft buffer. Only 1,940-sf of structure is proposed on the 0.45 acre parcel.

How the proposed development complies with the Comprehensive Plan and the design and environmental standards of the Ordinance

The development complies with the Comprehensive Plan in that it promotes tourism and lodging in the area.

Proposed type of water and sewer service

The site will be served by public sewer. A private well will be used for potable water as public water is not available in the area.

Number of employees

It is anticipated that one employee will be needed for this club.

The proposed development schedule and phases of development for all proposed construction

This project is intended to be constructed and operational upon receipt of all necessary permits. The construction will not be phased.

Statement of provisions for ultimate ownership and maintenance of all parts of the development including streets, structures, and open space.

The property is intended to remain in the ownership of and maintained by Mr. & Mrs. Ashmore.

Water dependent uses in the Critical Area

n/a

Critical Area density calculations

n/a

Citizen Participation Plan

A conference call is scheduled for Tuesday, April 12, 2022 at 6pm. Notification to property owners in the area was mailed along with a reduced-scale site plan. A report will be provided to the Planning Office following the conference call.





NO TITLE EXAMINATION NO CONSIDERATION

DECLARATION OF BOAT SLIP AGREEMENT

This Declaration of Boat Slip Agreement ("Easement and Agreement") is made this	day of
, 2022, by and between William R. Ashmore and Valerie L. Ashmore	(collectively and
hereinafter the "Owners").	

RECITALS:

WHEREAS, the Owners are the fee simple owners of the property situate, lying and being in the Fifth Election District of Kent County, Maryland, located on Kent County Tax Map 55, Parcel 128 containing 19,166 square feet, more or less, being the same lands described in a deed recorded among the Land Records for Kent County, Maryland in Liber No. 1079, folio 197 (the "Residence Club Property"); and

WHERES, the Owners are the fee simple owners of the property situate, lying and being in the Fifth Election District of Kent County, Maryland, located on Kent County Tax Map 55, Parcel 5, containing 23,827 square feet, more or less, being the same lands described in a deed recorded among the Land Records for Kent County, Maryland in Liber No. 783, folio 310 (the "Marina Property"); and

WHEREAS, the Owners currently operate a commercial marina with approximately thirty one (31) boat slips at the Marina Parcel and the Owners contemplate establishing a Private Destination/Residence Club upon the Residence Club Property as currently defined in the Kent County Zoning Ordinance in section 13.2(8.5); and

WHEREAS, the Owners, in furtherance of the establishment of a Private Destination/Residence Club, seek to hereby provide for the use of three boat slips of the Marina Parcel by guests of the Private Destination/Residence Club operating upon the Residence Club Parcel, upon seventy two (72) hours' prior notice to the owner of the Marina Parcel, and in exchange for certain payment for such use of three boat slips upon the terms and conditions stated herein; and

WHEREAS, these recitals are not merely prefatory but form a substantive part hereof this Agreement.

NOW, THEREFORE, WITNESSETH, that for and in consideration of the sum of Zero Dollars (\$0.00) but other valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Owners do hereby establish, in gross, an agreement upon the following terms and conditions:

1. The Marina Property shall permit the use of three boat slips upon the Marina Property for use by guests of the Residence Club Property only for so long as the Residence Club Property is used as a Residence Club. The use of the three boat slips shall only be for paying guests of the Residence Club Property and are limited to three boat slips. The use does not include or apply to any boat slips rented to long term slip renters. Any use of the boat slip shall be on a first come-first served basis, shall require seventy two (72) hours' prior notice to the Owner of the Marina Property. Any use of a boat slip by a guest of the Residence Club Property shall require payment of the applicable market rate for such transient boat slip rental upon the Marina Property. The use of a boat slip is limited to three boat slips per all the guests of the Residence Club Property at any given time.

- 2. The use of any boat slip upon the Marina Property by the Residence Club Property guests shall be limited to and not exceed the duration of such guest's stay at the Residence Club Property. The guests using the Marina Property boat slips shall have access to the public areas of the Marina Property for use in common with other boat slip renters but such use of said common areas shall not interfere with any other operation of the Marina Property or the other boat slip renters or customers of the Marina Property.
- 3. The use of the boat slips by guests of the Residence Club Property, their licensees, invitees, guests, agents, employees and contractors, shall be at their own risk. The Owners of the Residence Club Property agree to indemnify and hold harmless all other Owners against any and all liability for injury to person or damage to property, when such injury or damage results from, arises out of, or is attributable to the use of the boat slips or Marina Property by the guests of the Residence Club.
- 4. This Agreement shall terminate without demand or notice upon the cessation of the Residence Club Property being used as a Residence Club. This agreement shall be binding on and inure to the benefit of the parties hereto and their respective heirs, successors, and assigns and shall run with the land.

IN WITNESS WHEREOF, the Owners have caused this instrument to be properly executed and sealed as of the day and year first above written.

WITNESS/ATTEST: OWNERS:	
	(SEAL)
William R. Ashmore	
	(SEAL)
Valerie L. Ashmore	
STATE of MARYLAND, COUNTY of, to wit:	
I HEREBY CERTIFY, that on this day of subscriber, a Notary Public of the State and County aforesaid, personally and Valerie L. Ashmore, husband and wife, known to me (or satisfactoril whose names are subscribed to the within instrument, that they execute Boat Slip Agreement for the purposes therein contained, and in my pressame.	rappeared William R. Ashmore y proven) to be the persons ed the foregoing Declaration o
IN WITNESS WHEREOF, I hereunto set my hand and official seal.	
Notary Public	
My Commission expires:	

CONCEPT / PRELIMINARY SITE PLAN **FOR**

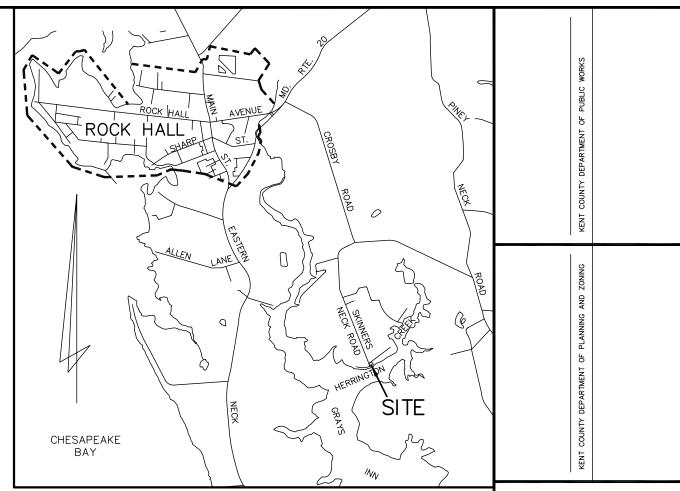
GRAYS INN PRIVATE DESTINATION CLUB

OWNER/DEVELOPER: WILLIAM R. & VALERIE L. ASHMORE

21979 KELLEYS PARK ROAD ROCK HALL, MARYLAND 21661 PHONE No. 1-410-778-3648

ENGINEER

DMS & ASSOCIATES, LLC c/o KEVIN J. SHEARON, P.E. LEED P.O. BOX 80 CENTREVILLE, MARYLAND 21617 PHONE No. 1-443-262-9130



ARON

INN

VICINITY MAP

SCALE 1" = 4000'

GENERAL NOTES

1. These drawings show information obtained from the best available records regarding pipes, conduits, telephone lines, and other structures and conditions which exist along the lines of the work both at and below the surface of the ground The owner and engineer disclaim any responsibilities for the accuracy or completeness of said information being shown only for the convenience of the contractor, who must verify the information to his own satisfaction. If the contractor relies on said information, he does so at his own risk. The giving of the information on the contract drawings will not relieve the contractor of his obligations to support and protect all pipes, conduits, telephone lines, and other structures.

2. The contractor shall notify the following two (2) weeks prior to the start of construction and shall coordinate construction with the utility companies involved:

Delmarva Power & Light Company	1-800-375-7117
Miss Utility	1-800-441-8355
DMS & Associates, LLC	1-443-262-9130
Dept. Public Works — Engineering	1-410-778-7407
Dept. of Public Works — Water/Wastewater	1-410-778-3287
Kent Co. Sediment Control Inspector	1-410-778-7457
Maryland Department of the Environment	1-410-631-3510

- 3. All construction shall be marked for traffic and pedestrian
- 4. The Contractor shall provide all equipment, labor, and materials for any miscellaneous or test pit excavations required by the Engineer.
- 5. The owner is responsible for the acquisition of all easements, both permanent and temporary.
- 6. The Contractor assumes all responsibility for any deviations from these plans unless said deviation is approved by the Engineer. Contractor shall receive written permission from the Engineer if a deviation of the plans is necessary.
- 7. All disturbed areas shall be smoothly graded to provide positive drainage in the direction of flow arrows herein and stabilized with topsoil, seed, and mulch. If settlement occurs, topsoil, seeding, and mulching shall be repeated until settlement subsides (See Erosion and Sediment Control Specifications).
- 8. All trash, trees, and underbrush are to be cleared and removed off site to an approved dump site by the contractor.
- 9. Any excess excavated material shall be removed off site by the contractor or material shall be placed on site as directed by the Engineer and/or Owner.
- 10. Any existing survey monumentation that is disturbed during construction shall be replaced by a registered surveyor at the contractor's expense.

11. The Contractor shall conduct his work in easements so that

- there will be a minimum of disturbance of the properties crossed. Any disturbed areas shall be restored to its original condition. 12. All materials and methods of construction shall conform to the
- drawings, specifications, local building codes, and the standard specifications and details of Kent County.
- 13. All drainage structures and swales shall remain functional during construction unless otherwise indicated on the plans.
- 14. All water valves, boxes and hydrants shall be set and adjusted to finish grade.
- each other, a minimum horizontal separation of 10' shall be provided.
- 16. Minimum cover over the sewer main shall be 42".
- 17. All concrete used for utility work shall be in accordance with MD SHA Standards and Specifications for Mix No. 2. unless otherwise specified.
- 18. All paving materials and methods shall be in accordance with the latest MD SHA Standards and Specifications and be
- 19. Trenches shall not remain open overnight. If it is necessary for trenches to remain open, steel plates capable of bearing
- 20. Erosion and Sediment Control will be strictly enforced by the Kent County Sediment and Erosion Control Inspector.

SITE STATISTICS

TABLE OF CONTENTS

SHEET C-3 - DRAINAGE AREA MAP, CREDIT MAP

AND DETAILS

SHEET C-4 - SEDIMENT AND EROSION CONTROL

SHEET C-2 - SITE, GRADING, STORMWATER MANAGEMENT

DETAILS AND SPECIFICATIONS

AND SEDIMENT & EROSION CONTROL PLAN

SHEET C-1 - OVERALL SITE PLAN

SHEET L-1 - LANDSCAPE PLAN

SITE AREA = 0.449 ac. \pm (19,549 sq. ft. \pm) CRITICAL AREA = 0.449 ac. \pm (19,549 sq. ft. \pm) AREA WITHIN 100 Yr. FLOODPLAIN $= 0.39 \text{ ac.} \pm$ LOT COVERAGE (EXISTING) (0.0%) = $0,000 \text{ sq. ft.} \pm (0.000 \text{ ac.} \pm)$

 $3,173 \text{ sq. ft.} \pm (0.073 \text{ ac.} \pm)$ LOT COVERAGE (PROPOSED) (16.2%) = DWELLING 1,425 sq. ft. \pm

516 sq. ft.± DECKS DRIVEWAYS 1,225 sq. ft.± CONCRETE PAD 7 sq. ft.±

- 1. PROPERTY LINE INFORMATION SHOWN HEREON IS TAKEN FROM A PLAT ENTITLED "TOPOGRAPHIC SURVEY OF THE LANDS OF WILLIAM R. ASHMORE, et ux" PREPARED BY EXTREME MEASURES, LLC, IN JANUARY, 2022. HORIZONTAL DATUM IS NAD 83/91.
- 2. FOR DEED REFERENCE, SEE LIBER M.L.M. 1079, FOLIO 197.
- 3. CURRENT ZONING CLASSIFICATION (M) MARINE.
- 4. THE PROPERTY IS LOCATED ENTIRELY WITHIN THE CHESAPEAKE BAY CRITICAL AREA DESIGNATION - IDA.
- 5. SITE IS PARTIALLY LOCATED WITHIN 100 YEAR FLOODPLAIN AS SCALED FROM FLOOD INSURANCE RATE MAP COMMUNITY PANEL No. 24029C0380D. (ZONE "AE") (ELEV. = 6')
- 6. SOILS ONSITE CONSIST OF "MpA" MATAPEX FINE SANDY LOAM AS SCALED FROM http://websoilsurvey.nrcs.usda.gov FOR KENT
- 7. EXISTING IMPROVEMENTS SHOWN SHOWN HEREON ARE THE RESULT OF A FIELD RUN SURVEY BY EXTREME MEASURES, LLC IN JANUARY, 2022. HORIZONTAL DATUM IS NAD 83/91.
- 7. EXISTING TOPOGRAPHY SHOWN HEREON IS THE RESULT OF A FIELD RUN SURVEY BY EXTREME MEASURES, LLC IN JANUARY, 2022. VERITICAL DATUM IS NAVD 88.
- 9. PUBLIC SEWER AND PRIVATE WELL WATER WILL BE UTILIZED FOR SEWAGE DISPOSAL AND POTABLE WATER SUPPLY.
- 10. STORMWATER MANAGEMENT FOR THE SITE HAS BEEN ADDRESSED VIA THE IMPLEMENTATION OF ENVIRONMENTAL SITE DESIGN (ESD) TO THE MAXIMUM EXTENT PRACTICABLE (MEP).
- 11. ALL PROPOSED LIGHTING SHALL BE DARK SKY COMPATIBLE
- 12. NO SIGNAGE IS PROPOSED FOR THIS PROJECT.
- 13. <u>SETBACK AND HEIGHT REQUIREMENTS</u> FRONT YARD SIDE YARD REAR YARD MAXIMUM BUILDING HEIGHT = 38'

COUNTY, MARYLAND.

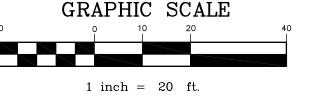
APPRO\	/ED.
APPROV	EU:
VENT C	OU AND WATER CONCEDIATION DICTRICT
	OIL AND WATER CONSERVATION DISTRICT DATE
NOTE:	KENT SOIL AND WATER CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD, DELETE, MODIFY OF OTHERWISE ALTER THE EROSION CONTROL PROVISIONS OF THIS PLAN IN THE EVENT ADDITIONAL PROTECTION BECOMES NECESSARY.
	DEVELOPERS CERTIFICATION
I (WE)	CERTIFY THAT:
C) F(ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS SEDIMENT AND EROSI ONTROL PLAN AND/OR STORMWATER MANAGEMENT PLAN, AND FURTHER, AUTHORIZED THE RIGHT OF E OR PERIODIC ONSITE EVALUATION BY THE KENT SOIL AND WATER CONSERVATION DISTRICT SEDIMENT CO SPECTOR OR MARYLAND DEPARTMENT OF THE ENVIRONMENT.
A	NY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION (TTENDANCE AT THE DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL ROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT.
DI	T WILL BE THE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR TO NOTIFY THE ENGINEER O EVIATION FROM THIS PLAN. ANY CHANGE MADE IN THIS PLAN WITHOUT WRITTEN AUTHORIZATION FROM NGINEER WILL PLACE RESPONSIBILITY FOR SAID CHANGE ON THE CONTRACTOR OR SUBCONTRACTOR.
SIGNATU	JRE DATE
ADDRES	S CARD No.

40' R//W **BENCHMARK** IRON PIPE FOUND - EXISTING UTILITY POLE WITH ELEV. = 5.79_{\circ} OVERHEAD UTILITY LINE. L.O.D. N 55'24'31' E L.O.D. TYPICAL L.O.D. 137 50' PROPOSED WELL FOR POTABLE WATER SUPPLY. COORDINATE WITH KENT COUNTY HEALTH DEPARTMENT FOR EXACT LOCATION PROPOSED STEPS AND LANDING PROPOSED PAVED -PROPOSED DECK PARKING AREA FLOODPLAIN LINE -ZONE "AE" ROPOSED 2 STOR' ELEV. = 6'GRAYS INN CREEK MARINA, LLC "PRIVATE DESTINATION/ RESIDENCE CLUB" F.F. ELEV. = 18.25GARAGE SLAB ELEV. = 8.25PROPOSED STEPS AND LANDING PROPOSED DECK PROPOSED STEPS AND LANDING TEMPORARY TOPSOIL STOCKPILE AREA BRUSH COUNTY COMMISSIONERS OF KENT COUNTY SKINNERS NECK PUBLIC LANDING EXISTING PAVED PARKING AREA HERRINGTON

STATEMENT OF PURPOSE AND INTENT

THIS SITE IS LOCATED ON THE SOUTH SIDE OF KELLEYS PARK ROAD AND EAST SIDE OF SKINNERS NECK ROAD NEAR THE TOWN OF ROCK HALL. THE PROPERTY IS CURRENTLY VACANT. THE PURPOSE OF THIS SITE PLAN IS TO CONSTRUCT A NEW BUILDING TO BE USED AS A PRIVATE DESTINATION / RESIDENCE CLUB.

THE INTENT OF THIS SITE PLAN IS TO RECEIVE APPROVAL FROM KENT COUNTY PLANNING AND ZONING FOR THE PROPOSED PLAN.



L.O.D. - DENOTES LIMITS OF DISTURBANCE DEPICTS DEED POINT AREA = $0.32 \text{ acres} \pm (14,133 \text{ sq. ft.} \pm)$ (UNLESS OTHERWISE NOTED) EXISTING UTILITY POLE WITH OVERHEAD UTILITY LINE FOLLOWING INITIAL DISTURBANCE, PERMANENT OR EXISTING BRUSH TEMPORARY, STABILIZATION SHALL BE COMPLETED

FLOODPLAIN LINE

LIMITS OF DISTURBANCE

SEDIMENT AND EROSION CONTROL WILL BE STRICTLY ENFORCED

THE SITE.

WITHIN 3 CALENDAR DAYS ON ALL PERIMETER

7 DAYS ON ALL OTHER DISTURBED AREAS ON

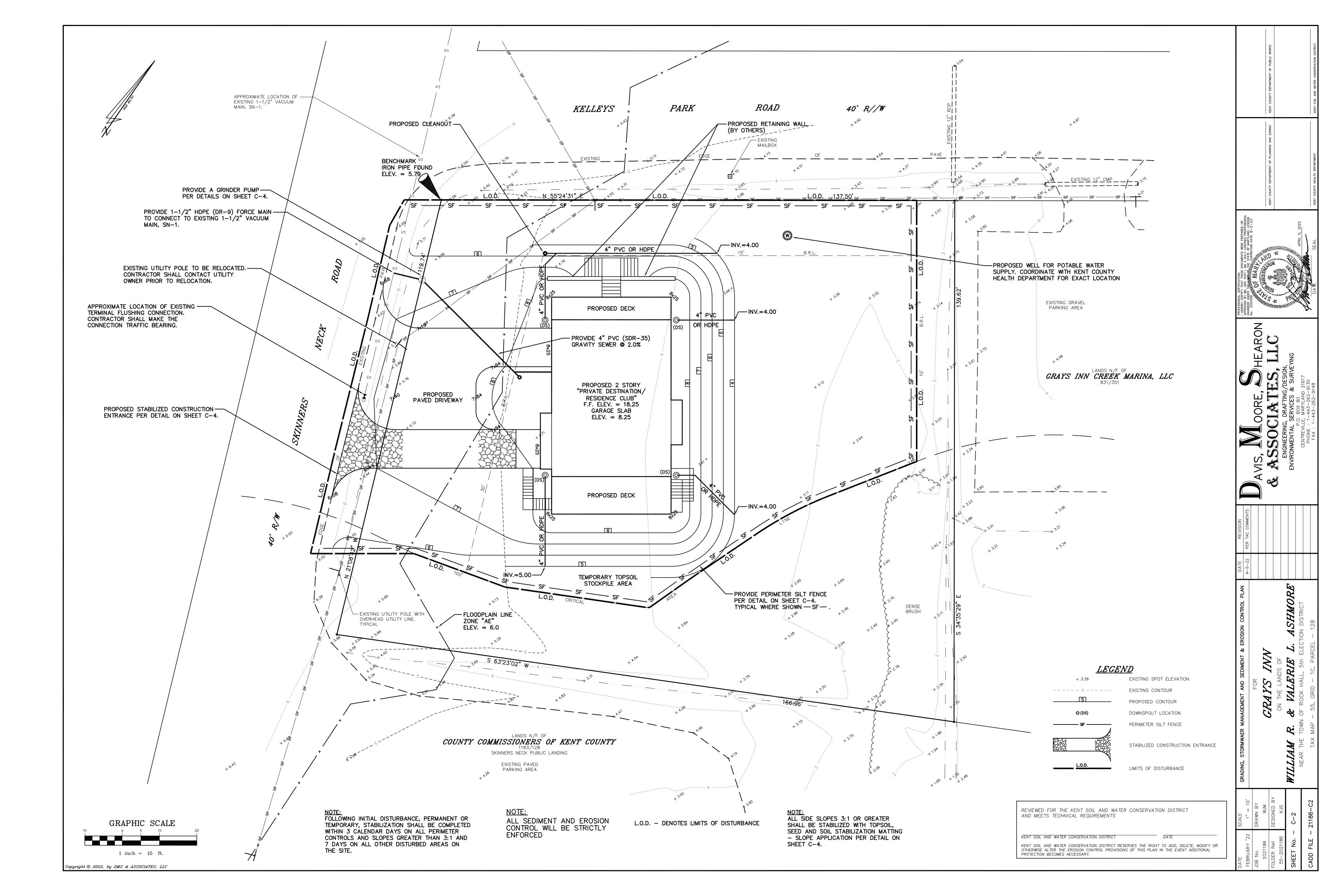
CONTROLS AND SLOPES GREATER THAN 3:1 AND

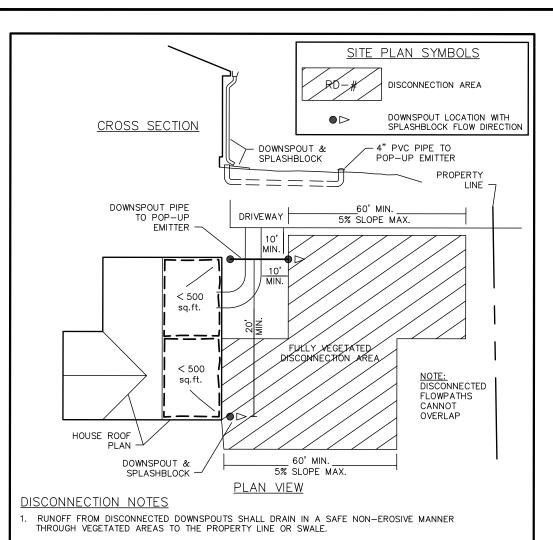
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15. Wherever sewer or water mains or services run parallel to

supplied by a State Certified plant.

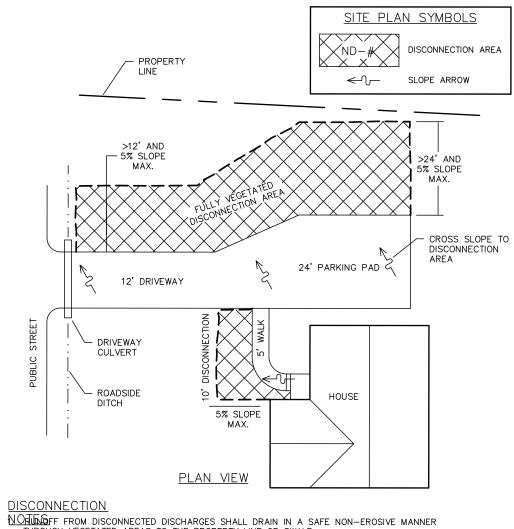
traffic shall be used to completely cover the trench openings.





- THE LENGTH OF THE "DISCONNECTION" SHALL BE 60 FEET OR GREATER. TURF MUST BE PERPETUALLY RESERVED AND MAINTAINED AS LUSH VEGETATION.
- DISCONNECTED DOWNSPOUTS SHALL BE LOCATED ON GRADUAL SLOPES LESS THAN 5% AND DIRECTED AWAY FROM BUILDING TO MAINTAIN SHEET FLOW.
- 4. THE CONTRIBUTING AREA OF ROOFTOP TO EACH DISCONNECTED DOWNSPOUT SHALL BE 500 SQ. FT.
- 5. DOWNSPOUTS MUST BE AT LEAST 10 FEET AWAY FROM THE NEAREST IMPERVIOUS SURFACE TO DISCOURAGE "RE-CONNECTIONS". DISCONNECTED FLOWPATHS CANNOT OVERLAP.

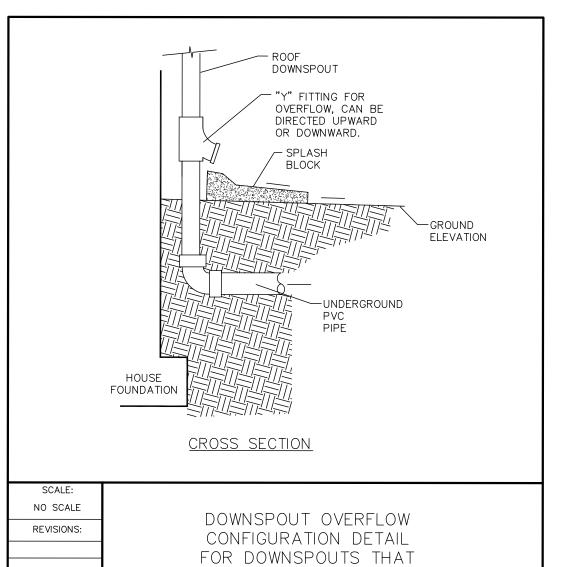
SCALE:	
NO SCALE	
REVISIONS:	SINGLE LOT RESIDENTIAL ONLY
	ROOFTOP DISCONNECTION
	CREDIT DETAIL
	STANDARD NO SLR-101 01



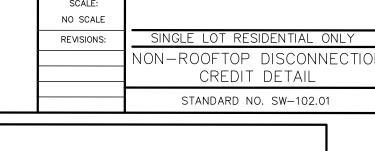
NOTING: FROM DISCONNECTED DISCHARGES SHALL DRAIN IN A SAFE NON-EROSIVE MANNER THROUGH VEGETATED AREAS TO THE PROPERTY LINE OR SWALE.

- . THE LENGTH OF THE "DISCONNECTION" SHALL BE 10 FEET OR GREATER, WITH THE LENGTH BEING EQUAL TO OR GREATER THAN THE LENGTH OF THE IMPERVIOUS SURFACE. TURF MUST BE PERPETUALLY RESERVED AND MAINTAINED AS LUSH VEGETATION.
- THE MAXIMUM IMPERVIOUS FLOW PATH SHALL BE 75 FEET.
- . DISCONNECTION AREAS SHALL BE LOCATED ON GRADUAL SLOPES LESS THAN 5%.

SCALE:	
NO SCALE	
REVISIONS:	SINGLE LOT RESIDENTIAL ONLY
	NON-ROOFTOP DISCONNECTION
	CREDIT DETAIL
	STANDARD NO. SW-102.01
	SCALE: NO SCALE REVISIONS:



GO SUBGRADE



STORMWATER MANAGEMENT COMPUTATIONS

DRAINAGE AREA = 0.45 acres IMPERVIOUS AREA = 0.07 acres% IMPERVIOUS = 16.2%

WITH 'C' SOILS, Pe = 1.0 inch

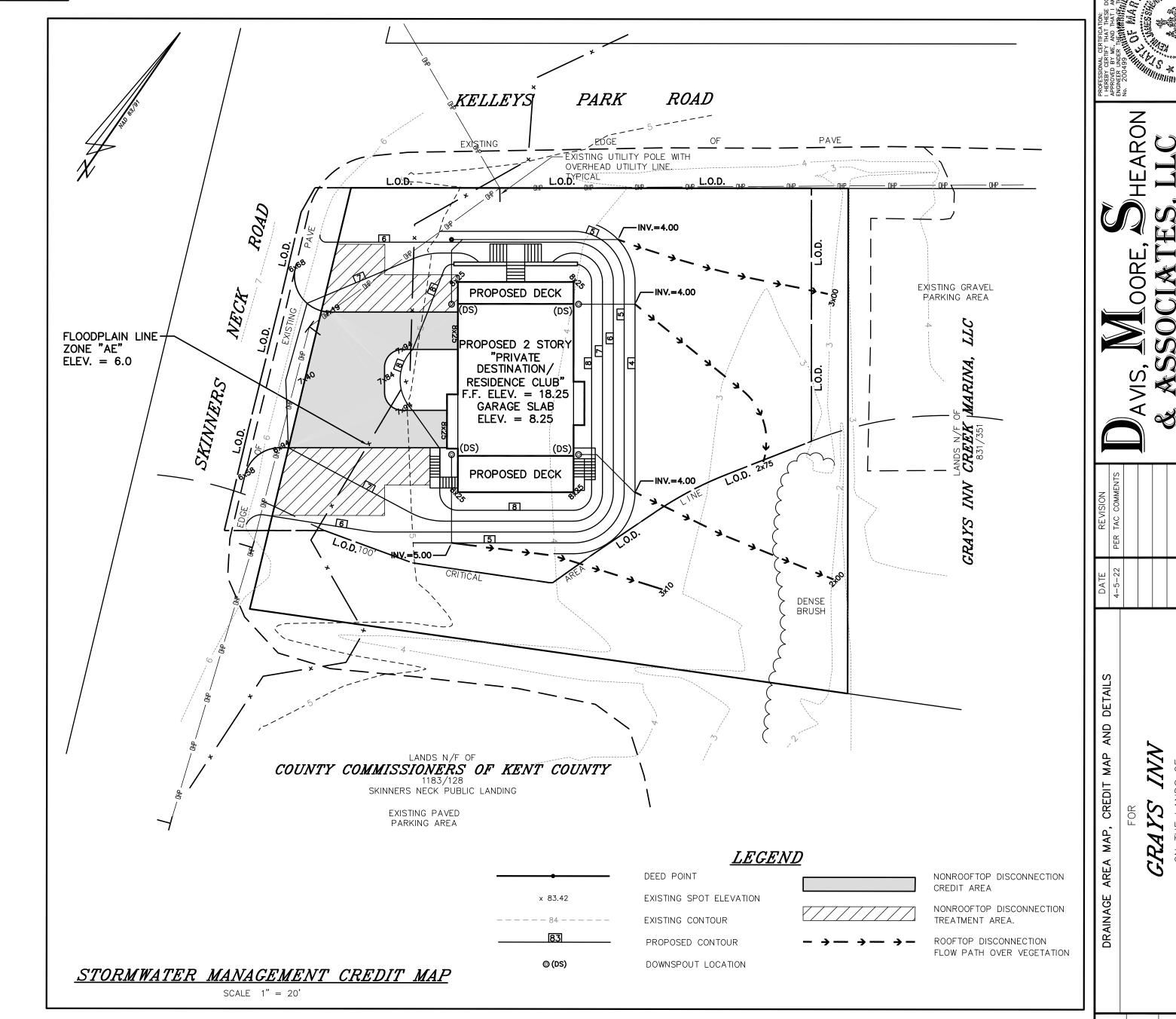
Disconnection Flow Path Length (ft.)						
Western Shore	15	30	45	60	75	
Eastern Shore	12	24	36	48	60	
P_{E} (in.) =	0.2	0.4	0.6	0.8	1.0	

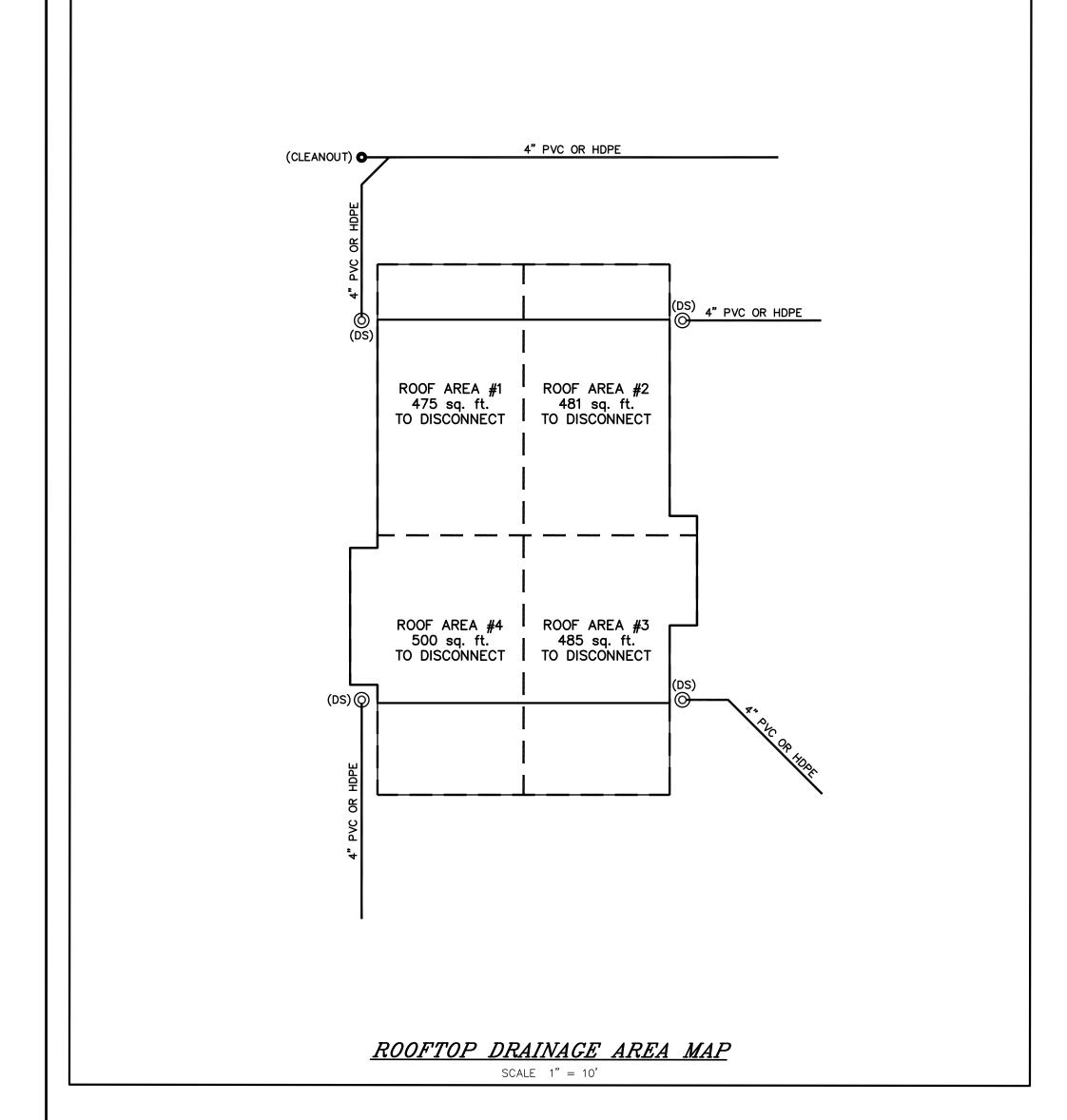
Table 5.7. ESD Sizing Factors for Non-Roofton Disconnection

Ra	tio of Discor	nnection Len	gth to Contri	buting Lengt	h
Impervious Ratio	0.2:1	0.4:1	0.6:1	0.8:1	1:1
Pervious Ratio	0.1:1	0.2:1	0.3:1	0.4:1	0.5:1
Pr (in.) =	0.2	0.4	0.6	0.8	1.0

ALL PROPOSED IMPERVIOUS SURFACES ARE TREATED USING ROOFTOP OR NONROOFTOP DISCONNECTION PER THE CHARTS ABOVE, THEREFORE, ESDV HAS BEEN MET. RECHARGE VOLUME HAS ALSO BEEN MET IN ACCORDANCE WITH THE STORMWATER MANUAL.

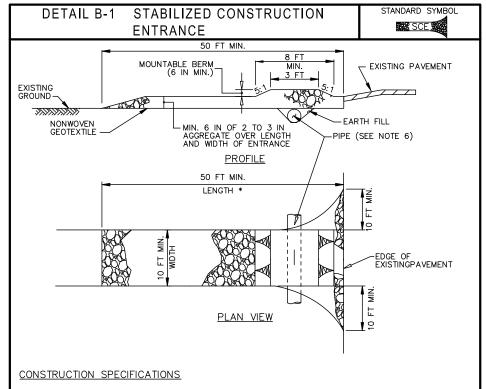
AS THIS PROJECT IS LOCATED WITHIN THE CRITICAL AREA IDA IT MUST MEET THE 10% POLLUTANT REDUCTION REQUIREMENT. BASED ON THE COMPUTATIONS FOR NEW DEVELOPMENT, THE POLLUTANT REMOVAL REQUIREMENT IS 0.01 lbs P/yr. IMPLEMENTING ROOFTOP AND ROOFTOP DISCONNECTION YIELDS A POLLUTANT LOAD REDUCTION OF 0.04 lbs P/yr. THEREFORE, THIS PROJECT REDUCES THE POLLUTANT LOAD BY MORE THAN 10%.





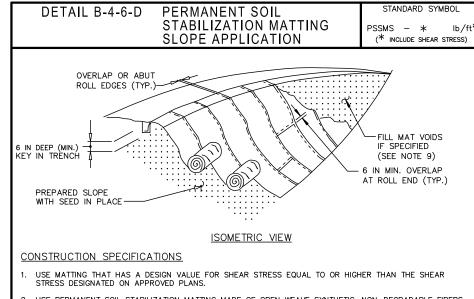
REVIEWED FOR THE KENT SOIL AND WATER CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS KENT SOIL AND WATER CONSERVATION DISTRICT KENT SOIL AND WATER CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD, DELETE, MODIFY OR OTHERWISE ALTER THE EROSION CONTROL PROVISIONS OF THIS PLAN IN THE EVENT ADDITIONAL PROTECTION BECOMES NECESSARY.

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- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES
- MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (*30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE. AS SPECIFIED IN SECTION H-1 MATERIALS PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM. AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPE	CIFICATIONS FOR SOIL EF	ROSION AND SEDIMENT CONTROL
U.S. DEPARTMENT OF AGRICULTURE TURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONME WATER MANAGEMENT ADMINISTRATION



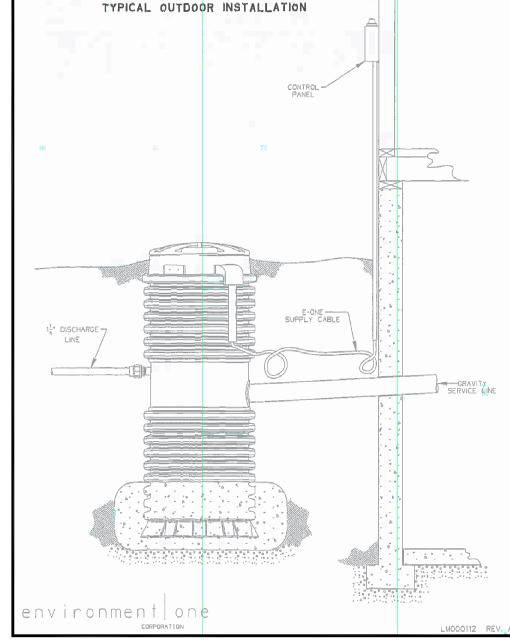
USE PERMANENT SOIL STABILIZATION MATTING MADE OF OPEN WEAVE SYNTHETIC, NON-DEGRADABLE FIBERS OR ELEMENTS OF UNIFORM THICKNESS AND DISTRIBUTION THROUGHOUT. CHEMICALS USED IN THE MAT MUST BE NON-LEACHING AND NON-TOXIC TO VEGETATION AND SEED GERMINATION AND NON-INJURIOUS TO THE SKIN. IF PRESENT, NETTING MUST BE EXTRUDED PLASTIC WITH A MAXIMUM MESH OPENING OF 2x2 INCHES AND SUFFICIENTLY BONDED OR SEWN ON 2 INCH CENTERS ALONG LONGITUDINAL AXIS OF THE MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE PARENT MATERIAL. SECURE MATTING USING STEEL STAPLES OR WOOD STAKES. STAPLES MUST BE "U" OR "T" SHAPED STEEL WIRE HAVING A MINIMUM GAUGE OF NO. 11 AND NO. 8 RESPECTIVELY. "U" SHAPED STAPLES MUST AVERAGE 1 TO 1½ INCHES WIDE AND BE A MINIMUM OF 6 INCHES LONG. "T" SHAPED STAPLES MUST HAVE A MINIMUM 8 INCH MAIN LEG, A MINIMUM 4 INCH SECONDARY LEG, AND MINIMUM 4 INCH HEAD. WOOD STAKES MUST BE ROUGH-SAWN HARDWOOD, 12 TO 24 INCHES IN LENGTH, 1x3 INCH IN CROSS SECTION, AND WEDGE SHAPE AT

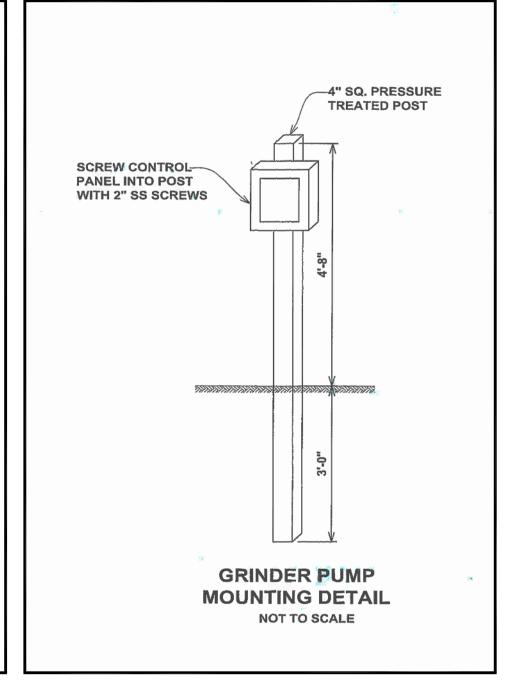
- . PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDBED PREPARATION, AND PERMANENT SEEDING IN ACCORDANCE WITH SPECIFICATIONS. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS, UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- UNROLL MATTING DOWN SLOPE. LAY MATTING SMOOTHLY AND FIRMLY UPON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING. OVERLAP OR ABUT EDGES OF MATTING ROLLS PER MANUFACTURER RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6 INCHES (MINIMUM), WITH THE UPSTREAM MAT OVERLAPPING ON TOP OF THE DOWNSLOPE MAT. KEY IN THE TOP OF SLOPE END OF MAT 6 INCHES (MINIMUM) BY DIGGING A TRENCH, PLACING THE MATTING ROLL END IN THE TRENCH, STAPLING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND
- TAMPING TO SECURE THE MAT END IN THE KEY. STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MAXIMUM) CENTERS THROUGHOUT AND 2 FOOT (MAXIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
- IF SPECIFIED BY THE DESIGNER OR MANUFACTURER AND DEPENDING ON THE TYPE OF MAT BEING INSTALLED, ONCE THE MATTING IS KEYED AND STAPLED IN PLACE, FILL THE MAT VOIDS WITH TOP SOIL OR GRANULAR MATERIAL AND LIGHTLY COMPACT OR ROLL TO MAXIMIZE SOIL/MAT CONTACT WITHOUT CRUSHING MAT. O. ESTABLISH AND MAINTAIN VEGETATION SO THAT REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION.
- MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL FROSION AND SEDIMENT CONTROL

DETAIL E-1 SILT FENCE	⊢——SF——I	
6 FT MAX. CENTER TO CENTER ORIVEN MIN. FENCE FOR DRIVEN MIN. 16 IN	POST LENGTH INTO GROUND	
16 IN MIN.	HEIGHT OF	
VOVEN SLIT	FILM GEOTEXTILE DEPTH ND	-
·		
36 IN MIN. FENCE		
WOVEN SLIT FILM————————————————————————————————————		
FLOW		
EMBED GEOTEXTILE MIN. OF 8 IN VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF GEOTEXTILE.		,
CROSS SECTION		
STAPLE STAPLE TWIST POSTS TOGETHER	STAPLE	
STAPLE FINAL CONFIGURATION STAPLE JOINING TWO ADJACENT SILT	STAPLE	
FENCE SECTIONS (TOP VIEW)	1 OF 2	L
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SE	DIMENT CONTROL	F

	STANDARD SYMBOL	Γ				STANDARD SYMBO
DETAIL E-1 SILT FENCE	⊢SFI		DETAIL E-1	SILT FENCE		⊢SF
6 FT MAX. CENTER TO CENTER 36 IN MIN. FEN. DRIVEN MIN. 16	DE POST LENGTH IN INTO GROUND IN. HEIGHT OF SLIT FILM GEOTEXTILE N. DEPTH ROUND MIN. JIRBED		CONSTRUCTION SPECIFICATIONS 1. USE WOOD POSTS 1¾ X 1¾ ± ¼ AN ALTERNATIVE TO WOODEN POSTLESS THAN 1 POUND PER LINEAR 2. USE 36 INCH MINIMUM POSTS DRIVATION OF STATE OF FAMILY TO UPSLOPE SIDE OF FAMILY TO UPSLOPE SIDE OF FAMILY SECURELY TO UPSLOPE SIDE OF FAMILY SECTION /ENFORCEMENT AUTHOR REQUIREMENTS IN SECTION H-1 M. 5. EMBED GEOTEXTILE A MINIMUM OF THE SOIL ON BOTH SIDES OF FABRE ACCORDANCE WITH THIS DETAIL. 7. EXTEND BOTH ENDS OF THE SILT I 45 DEGREES TO THE MAIN FENCE OF THE SILT FENCE. 8. REMOVE ACCUMULATED SEDIMENT SEDIMENT REACHES 25% OF FENCE REINSTALL FENCE.	INCH (MINIMUM) SQUARE CUT IT USE STANDARD "T" OR "U" FOOT. VEN 16 INCH MINIMUM INTO GI AS SPECIFIED IN SECTION H- ENCE POSTS WITH WIRE TIES ATION TO THE AUTHORIZED RI RITY SHOWING THAT THE GEO' ATERIALS. 8 INCHES VERTICALLY INTO TRIC. TILE ADJOIN: OVERLAP, TWIST, FENCE A MINIMUM OF FIVE HO ALIGNMENT TO PREVENT RUN AND DEBRIS WHEN BULGES DI	ROUND NO MO -1 MATERIALS OR STAPLES EPRESENTATIV TEXTILE USED THE GROUND. , AND STAPLE ORIZONTAL FEI OFF FROM GO EVELOP IN SIL	DUALITY HARDWOOD. A EL POSTS WEIGHING N ORE THAN 6 FEET AP. AND FASTEN GEOTEX AT TOP AND E OF THE MEETS THE BACKFILL AND COMPA TO POST IN ET UPSLOPE AT ING AROUND THE END T FENCE OR WHEN
STAPLE FINAL CONFIGURATION STAPLE JOINING TWO ADJACENT SILT FENCE SECTIONS (TOP VIEW)	STAPLE STAPLE 1 OF 2					
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND		l ŀ	MARYLAND STANDARDS AND	SPECIFICATIONS FOR SOIL ERG	OSION AND SE	DIMENT CONTROL
DEPARTMENT OF AGRICULTURE 2011 MARYLAND	DEPARTMENT OF ENVIRONMENT	l ŀ	U.S. DEPARTMENT OF AGRICULTURE	2011	MARYLAND DE	PARTMENT OF ENVIRON
	MANAGEMENT ADMINISTRATION	l	NATURAL RESOURCES CONSERVATION SERVI	ICE ZUTT		NAGEMENT ADMINISTRATI

4. Contractor to use standers style adapter to 1-14 femal Thread at discharde, not les and pipe to elbow, and run Vestically up outside up fump charbers to 45° depth for Thourig During Comprete Placement. RE Concrete and Floatation Collar Mall Be Ab Per Mikacturery recommendation. BRADUNAL (MEDICE RECOMMENDAL DE LA PROPERTIE DE LA PROPERTIE DE LA PROPERTIE DE LA CONTRACTOR TO INSTALL STAINLESS STEEL GATE VALVE WITH A AROUND THE SHARE WITH PLANTATOR TO INSTALL STAINLESS STEEL GATE VALVE WITH A VALVE SOX ON 48-RICH DEEP DISCHARGIS LINE. LIFTING 1978 ONLY. NO OTHER RESTAIND IS ACCEPTABLE. SEWAGE GRINDER PUMP UNIT INSTALLATION





TYPICAL LATERAL INSTALLATION environment one

PHASE OF CONSTRUCTION

- 1. CONTACT THE KENT COUNTY SEDIMENT AND EROSION CONTROL INSPECTOR AT 410-778-7457 A MINIMUM OF 2 WEEKS PRIOR TO THE START OF CONSTRUCTION TO SCHEDULE A PRE— CONSTRUCTION MEETING PRIOR TO INITIATION OF ANY GRADING ACTIVITY.
- 2. INSTALL A STABILIZED CONSTRUCTION ENTRANCE AT THE LOCATION SHOWN.
- 3. INSTALL PERIMETER SILT FENCE AT LOCATIONS SHOWN.
- 4. STRIP THE TOPSOIL FROM THE LIMITS OF THE DRIVEWAYS AND DWELLING PAD AND STOCKPILE ONSITE. PLACE CR-6 ON ACCESS TO STABILIZE DURING BUILDING CONSTRUCTION.
- 5. IMPORT FILL AND PREPARE THE DWELLING FOUNDATION AND BEGIN CONSTRUCTION.
- 6. REMOVE EXCESS TOPSOIL AND OTHER MATERIALS OFFSITE TO AN APPROVED LOCATION.
- 7. FINE GRADE SITE AND STABILIZE WITH TOPSOIL, SEED, AND STABILIZATION MATTING FOR ALL SLOPES 3:1 AND STEEPER. MAINTAIN PERIMETER CONTROLS.
- 8. UPON APPROVAL FROM THE KENT COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES AND STABILIZE ALL DISTURBED AREAS PER PERMANENT STABILIZATION SPECIFICATIONS FOUND ON THIS SHEET.

GENERAL NOTES

- 1. Notification of Kent County (410-778-7457) at least five (5) days prior to the start of work.
- 2. Prior to the start of work, the Contractor is to obtain County approval of any proposed plan changes and sequence of construction, specifically relating to installation, inspection, maintenance and removal of erosion and sediment control measures.
- 3. Sediment control measures are not to be removed until the areas served have established vegetative cover, or with the
- 4. When pumping sediment—laden water, the discharge must be directed to an approved sediment trapping measure prior to release from the site.

permission of the Kent County Sediment Control Inspector.

- 5. All temporary stockpiles are to be located within areas protected by sediment control measures, and are to be
- temporary stabilized. 6. All sediment control dikes, swales, basins and flow lines to basins will be temporarily seeded immediately upon
- installation to reduce the contribution to sediment loading. 7. Disposal of excess earth materials on State or Federal
- property requires MDE Approval, otherwise materials are to be disposed of at a location approved by the local authority. 8. Temporary soil erosion control and sediment control measures are to be provided as per the approved plan prior to grading

operations. Location adjustments are to be made in the field

as necessary. The minimum area practical shall be disturbed for the minimum possible time. 9. If grading is completed out of a seeding season, graded areas are to be temporarily stabilized by mulch and mulch anchoring. Mulch material shall be unweathered, unchopped small grain straw spread at the rate of 2 to 2-1/2 tons per acre. Mulch

anchoring to be accomplished by an approved method, use of

- a mulch anchoring tool is recommended where possible. 10. Implementation of the sediment control plan shall be in accordance with the "2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control", of the Department.
- 11. The Contractor is responsible for implementation and maintenance of the approved plan, and all other measures necessary to control, filter, or prevent sediment from leaving
- 12. In case where stormwater management structures are a part of site development, removal of sediment control structures may not be accomplished before the contributing drainage area to the stormwater management structure is dewatered and stabilized.
- 13. On sites where infiltration techniques are utilized for the control of stormwater, extreme care must be taken to prevent all runoff from entering the structure during construction.
- 14. Sediment control for utility construction in areas outside of designed controls:
 - (a) Excavated trench material shall be placed on the high side of the trench.
 - (b) Immediately following pipe installation the trench shall be backfilled, compacted and stabilized at the end of
 - (c) Temporary silt fence or straw bale dikes shall be placed immediately downstream of any disturbed area intended to remain disturbed longer than one working day.

0.449 Acres 0.32 Acres

- 15. All points on construction ingress and egress shall be
- protected to prevent tracking of mud onto public ways. 16. Site information:

Total Area of Site Area Disturbed Area to be Roofed or Paved

each working day.

0.06 Acres 750 cy* Total Fill

* CUT AND FILL AMOUNTS ARE APPROXIMATE THE CONTRACTOR SHALL DO A SEPARATE TAKE-OFF

EROSION & SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS FOR

VEGETATIVE STABILIZATION

1.) Contractor shall install soil erosion and sediment control devices prior to any grading. Following initial disturbance or re—disturbance, permanent or temporary stabilization shall be completed within three (3) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes greater than three (3) horizontal to one (1) vertical (3:1) and seven days (7) as to all other disturbed or graded areas on the

practical shall be disturbed for the minimal amount of time possible.

- 2.) All temporary erosion and sediment control devices are to be provided as indicated on this plan, with location adjustments to be made in the field as necessary, and to be maintained at the end of each working day until project completion. The minimum area
- 3.) Clearing and grubbing shall include all trees, brush, debris, root mat and organic
- 4.) Temporary seeding shall be accomplished between February 15th through April 30th, or August 15th through November 30th. During other times, temporary mulching shall be
- 5.) Temporary seeding shall conform to the following applications: 436 lbs. per acre of 10-20-20; 4,000 lbs. per acre of ground limestone, to be incorporated into the soil by disking or other suitable means. Annual rye grass shall be applied at a rate of 50 lbs. per acre using suitable equipment. Mulching shall be accomplished immediately after

Seed Mixture (For Hazard Zone 7a) (From Table B–1)					Fortilinos	Lima	
No.	Species	Appl. Rate (lbs./ac.)	Seeding Dates	Seeding Depths	Fertilizer Lime Rate (10-20-20)		
	ANNUAL RYE GRASS	50 lbs.	2/15-4/30 8/15-11/30	1/2"			
	BARLEY OATS WHEAT CEREAL RYE			1" 1" 1" 1"	436 lb/ac 10 lb/ 1000 sf	2 tons/ac 90 lb/ 1000 sf	
	FOXTAIL MILLET PEARL MILLET	30 lbs. 20 lbs.	5/1-8/14 5/1-8/14	1/2"			

- 6.) Mulching shall be unchopped, unrotted, small grain straw applied at a rate of 2-2 1/2tons per acre. Anchor mulch with a mulch anchoring tool on the contour. Wood cellulose fiber may be used for anchoring straw at 750 lbs. per acre mixed with water at a maximum of 50 lbs. of wood cellulose fiber per 100 gals of water, or with a synthetic liquid binder according to manufacture recommendations. Wood cellulose fiber used as mulch must be applied at a net dry weight of 1,500 lbs. per acre. Mix wood cellulose fiber with water to attain a mixture with a maximum of 50 lbs. of wood cellulose fiber per 100 gals. of water.
- 7.) Permanent seeding shall be accomplished between March 1st through May 15th, or August 15th through October 15th. Permanent seeding at other than specified times will be allowed only upon written approval. Permanent seeding shall conform to the following applications: Permanent seeding for sites having disturbed over five (5) acres shall use fertilizer rates recommended by a soil testing agency and the recommendations provided in the Permanent Seeding Summary Table. Permanent seeding for conditions other than listed above shall be performed at the rates and dates as provided in the Permanent Seeding Summary Table below. Fertilizer and lime amendments shall be incorporated into the top 3" — 5" of the soil be disking or other suitable means. Mulching shall be accomplished as discussed in Item #6 of these specifications.

(From Table B-3)					(10-20-20)			Lime	
No.	Species	Appl. Rate (lbs./ac.)	Seeding Dates	Seeding Depths	N	P205	K20	Rate	
7	CREEPING RED FESCUE	60 lbs	3/1-5/15	1/4"					
	KENTUCKY BLUEGRASS	15 lbs.	8/15-10/15	to 1/2"					
8	TALL FESCUE	100 lbs.	3/1-5/15	1/4"	45 lb/ac 1 lb/ 1000 sf	90 lb/ac 2 lb/ 1000 sf	90 lb/ac 2 lb/ 1000 sf	2 tons/ac 90 lb/ 1000 sf	
			8/15-10/15	to 1/2"					
9	TALL FESCUE 60 lbs KENTUCKY BLUEGRASS PERENNIAL RYEGRASS 20 lbs.	3/1-5/15	1/4"						
		8/15–10/15	to						
		6/15-10/15	1/2"						

- 8.) Any spoil or borrow will be placed at a site approved by the Soil Conservation District.
- All areas remaining or intended to remain disturbed for longer than seven (7) days shall be stabilized in accordance with the USDA, Natural Resources Conservation Service Standards and Specifications for Soil Erosion and Sediment Control in developing areas for critical area stabilization.
- 10) It will be the responsibility of the Contractor or Subcontractor to notify the Engineer of any deviation from this plan. Any change made in this plan without written authorization from the Engineer will place responsibility of said change on the Contractor or the Subcontractor.

INSPECTION CHECKLIST

THE CONTRACTOR SHALL NOTIFY THE KENT COUNTY SEDIMENT AND EROSION CONTROL INSPECTOR AT (778-7457) AT THE FOLLOWING

- 1. THE REQUIRED PRECONSTRUCTION MEETING.
- 2. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
- 3. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE.
- 4. PRIOR TO REMOVAL OF ALL SEDIMENT AND EROSION CONTROL DEVICES.
- 5. PRIOR TO FINAL ACCEPTANCE.

MAINTENANCE SCHEDULE

PREVENTATIVE MAINTENANCE SHALL BE ENSURED THROUGH INSPECTION OF ALL INFILTRATION SYSTEMS, RETENTION, OR DETENTION STRUCTURES BY THE lacksquareKENT COUNTY INSPECTOR. THE INSPECTION SHALL OCCUR DURING THE FIRST arphiYEAR OF OPERATION AND AT LEAST ONCE EVERY 2 YEARS THEREAFTER.

AN ASBUILT SURVEY OF THE STORMWATER MANAGEMENT FACILITY WILL BE PERFORMED AND IF THE AS-BUILT DOES NOT SUBSTANTIALLY REFLECT THE STORMWATER FACILITY DESIGN, THE CONTRACTOR SHALL MAKE ANY CHANGES OR ADDITIONS TO BRING THE FACILITY IN COMPLIANCE WITH THE DESIGN AS DIRECTED BY THE SOIL CONSERVATION TECHNICIAN OF KENT COUNTY.

ASBUILT CERTIFICATION

I HEREBY CERTIFY THAT THE FACILITIES SHOWN ON THIS PLAN WERE CONSTRUCTED AS SHOWN ON THE "ASBUILT" PLANS AND MEETS THE APPROVED PLANS AND SPECIFICATIONS.

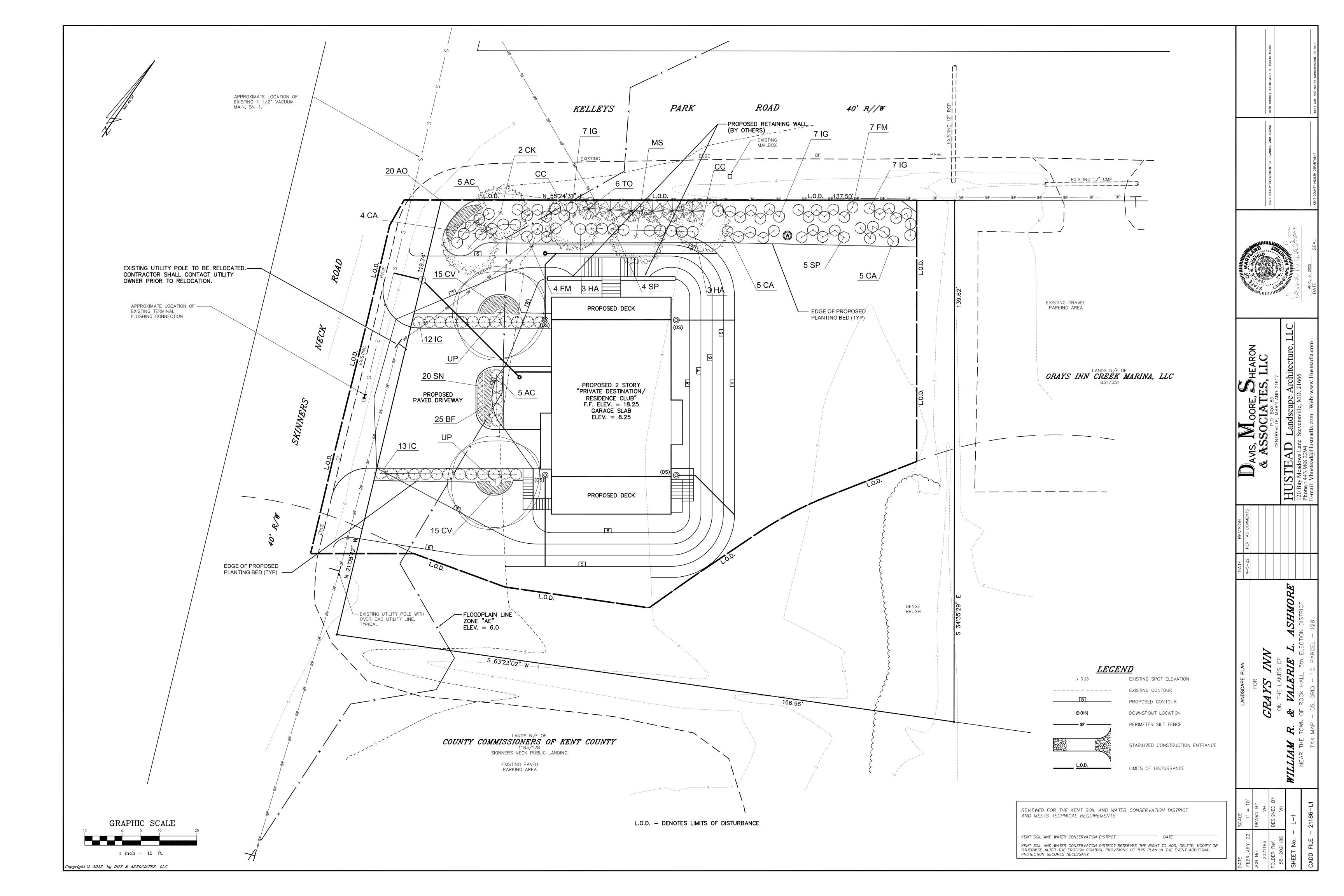
SIGNATURE P.E. No.

> REVIEWED FOR THE KENT SOIL AND WATER CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

KENT SOIL AND WATER CONSERVATION DISTRICT KENT SOIL AND WATER CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD, DELETE, MODIFY OR OTHERWISE ALTER THE EROSION CONTROL PROVISIONS OF THIS PLAN IN THE EVENT ADDITIONAL PROTECTION BECOMES NECESSARY.

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LANDSCAPING SPECIFICATIONS

OVERALL COMPLIANCE WITH THE TERMS OF THIS LANDSCAPE PLAN INCLUDING ALL MAINTENANCE AND WARRANTY REQUIREMENTS PRESCRIBED HEREON IS THE RESPONSIBILITY OF THE OWNER/DEVELOPER. MAINTENANCE, WARRANTY AND PLANT MATERIAL SURVIVAL RESPONSIBILITIES OF THE LANDSCAPE CONTRACTOR SHALL BE AS SPECIFICALLY NEGOTIATED BETWEEN OWNER/ DEVELOPER AND CONTRACTOR.

ALL WORK SHALL BE ACCOMPLISHED WITH QUALIFIED PERSONNEL, UTILIZING INDUSTRY STANDARD PRACTICES AND TECHNIQUES. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL LANDSCAPING SHOWN OR IMPLIED ON THIS PLAN. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR PLAN PREPARER IF SITE PLANTING CONDITIONS WARRANT RE-DESIGN CONSIDERATION AND VERIFY THE RECEIPT OF MOST CURRENT APPROVED BUFFER MANAGEMENT PLAN.

(1) PLANTS SHALL BE NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT. THEY SHALL HAVE BEEN ROOT PRUNED

THEY SHALL BE SOUND, HEALTHY AND VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, PEST, EGGS OR LARVAE, AND SHALL HAVE A HEALTHY, DEVELOPED ROOT SYSTEM, TREES AND SHRUBS SHALL NOT BE PRUNED BEFORE DELIVERY. ALL PLANTS WITH A DAMAGED OR CROOKED LEADER OR MULTIPLE LEADERS, ABRASIONS ON THE BARK, SUNSCALD, DISFIGURING KNOTS OR FRESH CUTS OVER 1 1/2" WILL BE REJECTED. THE OWNER RESERVES THE RIGHT TO HAVE THE PLANT MATERIAL INSPECTED AND TAGGED AT THE GROWING SITE AND TO REJECT ANY DEFICIENT MATERIAL AT THE JOB SITE. THE LANDSCAPE ARCHITECT OR PLAN PREPARER SHALL REJECT ANY AND ALL PLANT MATERIAL THAT DOES NOT MEET SPECIFICATIONS, IS DISEASED, OR IS OTHERWISE UNHEALTHY.

NO CHANGE IN QUANTITY, SIZE, KIND OR QUALITY OF PLANT SPECIFIED WILL BE PERMITTED WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT/DESIGNER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE PLANT COUNT AND IN ANY INSTANCE WHERE THERE IS A DISCREPANCY BETWEEN THE PLAN VIEW AND THE LANDSCAPE SCHEDULE, THE PLAN VIEW SHALL PRESIDE.

(2) TOPSOIL SHALL BE FERTILE, FRIABLE AND TYPICAL OF THE LOCALITY. IT SHALL BE FREE OF STONES, LUMPS, PLANTS, ROOTS, STICKS AND SHALL NOT BE DELIVERED IN A FROZEN OR MUDDY CONDITION. COMPACTED SOILS THAT CANNOT BE RESTORED TO A REASONABLE PLANTING SOIL SHALL BE REMOVED AND REPLACED WITH FRIABLE NATIVE SOILS.

- (3) PLANTING SOIL (BACKFILL MIX) SHALL BE THREE PARTS NATIVE TOPSOIL AND ONE PART LEAF-GRO.
- (4) STAKING MATERIALS: GUY WIRE SHALL BE PLIABLE 12 GAUGE GALVANIZED TWISTED TWO STRAND WIRE. HOSE SHALL BE A SUITABLE LENGTH OF TWO-PLY, REINFORCED BLACK RUBBER HOSE 3/4" INCH IN DIAMETER; STAKES SHALL CONFORM TO THE DETAIL ON THIS SHEET.
- (5) MULCH: MULCH SHALL BE ORGANIC DOUBLE SHREDDED HARDWOOD BARK FREE OF HERBICIDES, LARGE CHUNKS AND WEEDS AND SEED AND AGED A MINIMUM OF 6 MONTHS.
- "STANDARDIZED PLANT NAMES," LATEST EDITION AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. "AMERICAN STANDARD FOR NURSERY STOCK," LATEST EDITION, AMERICAN ASSOCIATION OF NURSERYMEN.
- PRE-DELIVERY DIGGING AND HANDLING OF PLANT MATERIALS:
- IMMEDIATELY BEFORE DIGGING, SPRAY ALL EVERGREEN OR DECIDUOUS PLANT MATERIAL IN FULL LEAF WITH ANTI-DESICCANT, APPLYING AN ADEQUATE FILM OVER TRUNKS, BRANCHES, TWIGS, AND/ OR FOLIAGE. (2) DIG BALL AND BURLAP (B&B) PLANTS WITH FIRM NATURAL BALLS OF EARTH, OF DIAMETER NOT LESS THAN THAT RECOMMENDED BY AMERICAN STANDARD FOR NURSERY STOCK, AND OF SUFFICIENT DEPTH TO INCLUDE THE FIBROUS AND FEEDING ROOTS. PLANTS MOVED WITH A BALL WILL NOT BE ACCEPTED IF THE BALL IS CRACKED OR BROKEN BEFORE OR DURING PLANTING OPERATIONS.
- (3) THE LANDSCAPE CONTRACTOR SHALL PLAN DELIVER AND PLANT INSTALLATION TO MINIMIZE STRESS ON PLANT MATERIAL TO BE STAGED ON OR OFF THE JOB SITE SHALL BE LOCATED TO MAXIMIZE PROTECTION FROM HOT SUN AND DRYING WINDS AND SHALL BE WATERED TO MAINTAIN A STRESS FREE CONDITION. THE LACK OF AVAILABLE WATER SHALL
- PLANTING AREAS THAT HAVE BEEN IN CONSISTENT AGRICULTURAL PRODUCTION SHALL BE PLANTED WITH NO OTHER

NOT RELIEVE THE CONTRACTOR OF ADEQUATE MAINTENANCE.

PLANTING AREAS THAT ARE VEGETATED AND STABLE WITH MINIMAL WEEDS SHALL BE MOWED TO 8" OR AS REQUIRED FOR PLANTING OR SEEDLING INSTALLATION.

REQUIRED SITE PREPARATION.

E. <u>EXCAVATION OF PLANTING AREAS</u>:
THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. COORDINATE WITH OTHER CONTRACTORS ON SITE AND MISS UTILITY TO VERIFY UTILITY LOCATIONS. ANY REPAIRS TO EXISTING UNDERGROUND UTILITIES REQUIRED AS A RESULT OF ACTIONS OF THE CONTRACTOR AND/OR HIS ASSIGNS SHALL BE BORNE BY THE CONTRACTOR.

STAKE OUT ON THE GROUND LOCATIONS FOR PLANTS AND OUTLINES OF AREA TO BE PLANTED AND OBTAIN APPROVAL OF THE LANDSCAPE ARCHITECT/DESIGNER BEFORE EXCAVATION IS BEGUN. CONTRACTOR IS TO CAUTIOUSLY TEST PIT AREAS ROUND UTILITIES (ELECTRIC, GAS, CABLE/COMMUNICATIONS LINES, WATER LINES, SEWER, ROOF LEADERS STORM DRAIN PIPE, ETC.) ARE SUSPECTED TO EXIST AND WHERE PROPOSED TO BE PLACED ACCORDING TO PLAN TO AVOID ANY DAMAGE OR DISRUPTIONS TO SERVICES. DO NOT PLACE PLANTS DIRECTLY OVER ANY EXISTING UNDERGROUND UTILITIES. OFFSET A REASONABLE AND PRACTICAL DISTANCE TO AVOID ANY IMMINENT OR FUTURE

DO NOT MIX OR PLACE SOILS AND SOIL AMENDMENTS IN FROZEN. WET OR MUDDY CONDITION. SUSPEND SOIL SPREADING. GRADING AND TILLING OPERATIONS DURING PERIODS OF EXCESS SOIL MOISTURE UNTIL MOISTURE CONTENT REACHES ACCEPTABLE LEVELS TO ATTAIN THE REQUIRED RESULTS. UNIFORMLY MOISTEN EXCESSIVELY DRY SOIL THAT IS NOT

TREE PITS SHALL BE EXCAVATED TO A DEPTH THAT ALLOWS FOR THE PLANTS TO BE SET AT THE SAME RELATIONSHIP TO FINISHED GRADE AS THEY BORE TO THE GROUND FROM WHICH THEY WERE DUG. ADD 1 OZ. OF MYCOAPPLY ENDO GRANULAR PER 2 CU.FT. OF BACKSOIL TO THE SIDES OF THE ROOTBALL. PLANTING PITS SHALL BE DUG A MINIUM OF 6 INCHES BELOW THE ROOT BALL AND 2 FEET PAST THE EDGE OF THE ROOT BALL TO ALLOW ROOM FOR AN EXPANDED AREA OF PLANTING SOIL. USE PLANTING SOIL TO BACKFILL APPROXIMATELY 2/3 FULL, WATER THOROUGHLY BEFORE INSTALLING REMAINDER OF THE PLANTING SOIL TO TOP OF PIT. ELIMINATING ALL AIR POCKETS. SET PLANTS PLUMB AND BRACE RIGIDLY IN POSITION UNTIL THE PLANTING SOIL HAS BEEN STAMPED SOLIDLY AROUND THE BALL AND ROOTS. CUT ROPES OR STRINGS FROM TOP OF BALL AFTER PLANT HAS BEEN SET. LEAVE BURLAP OR CLOTH WRAPPING INTACT AROUND BALLS. TURN UNDER AND BURY PORTIONS OF BURLAP AT TOP OF BALL. FOR CONTAINER GROWN PERENNIALS, CAREFULLY REMOVE FROM CONTAINERS WITHOUT BREAKING APART PLANTS OR ROOT SYSTEMS AND GENTLY LOOSEN SOIL. PLACE IN PIT EXCAVATED TO THE DEPTH THAT ALLOWS FOR THE PLANT TO BE SET AT ITS FORMER GRADE. BACKFILL TO 2/3 FULL AND WATER THOROUGHLY. BACKFILL WITH REMAINING PLANTING SOIL TO TOP OF PIT, ELIMINATING ALL AIR POCKETS. DISPOSE OF REMOVED CONTAINERS OFFSITE AT AN APPROVED LANDFILL.

PROTECT PLANTS AT ALL TIMES FROM SUN OR DRYING WINDS. PLANTS THAT CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE KEPT IN THE SHADE, WELL PROTECTED WITH SOIL, WET MOSS OR OTHER ACCEPTABLE MATERIAL AND SHALL BE KEPT WELL WATERED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN THREE DAYS AFTER DELIVERY. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF THE BALL ONLY.

MULCH ALL PITS AND BEDS WITH A TWO-INCH LAYER OF BARKMULCH IMMEDIATELY AFTER PLANTING. TO WORKED BEDS OF HERBACEOUS PERENNIALS ADD MULCH TO A DEPTH OF 2". PROVIDE AN 3-FOOT DIAMETER MULCH CIRCLE AROUND THE BASE OF ALL LARGE TREES. IN NO INSTANCE IS MULCH TO BE PILED AGAINST THE BASE OF TREE AND SHRUB TRUNKS. MULCH AREAS AROUND BASE OF EACH PLANT AND IN PLANTER AREAS. WATER ALL PLANTS IMMEDIATELY AFTER PLANTING.

STAKE LARGE TREES IMMEDIATELY AFTER PLANTING. PLANTS SHALL STAND PLUMB AFTER STAKING. STAKES AND GUY WIRES SHALL BE OF THE SIZE AND MATERIAL SPECIFIED ABOVE AND POSITIONED AS SHOWN ON THE ACCOMPANYING PLANTING DETAIL. THEY SHALL BE REMOVED AT THE END OF THE GUARANTEE PERIOD AND DISPOSED OF OFF SITE BY THE

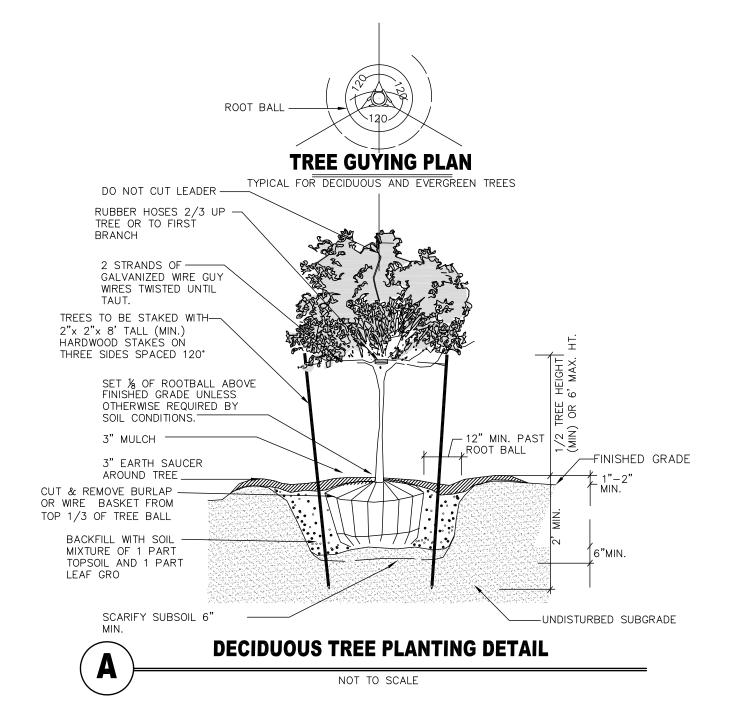
REMOVE ALL DEAD WOOD, SUCKERS, OR BROKEN BRANCHES AND PRESERVE THE NATURAL CHARACTER OF THE PLANT.

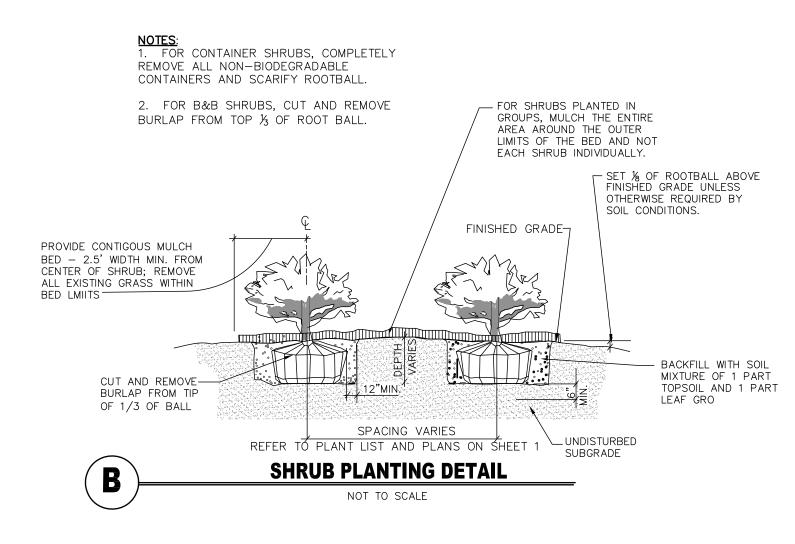
THE OWNER/DEVELOPER THROUGH HIS/HER CONTRACT WITH THE LANDSCAPE CONTRACTOR IS RESPONSIBLE AND SHALL INSURE ADEQUATE MAINTENANCE IS PROVIDED THROUGH THE INSTALLATION AND WARRANTY PERIOD AND FINAL INSPECTION BY THE COUNTY.

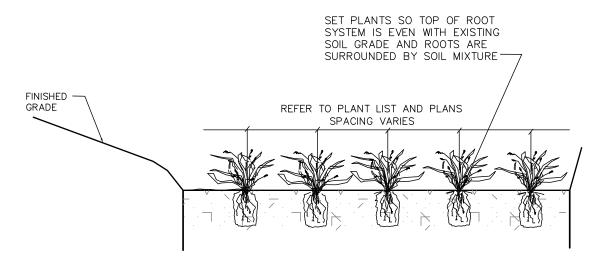
CONTRACTOR.

TREES AND HERBACEOUS PERENNIALS SHALL BE GUARANTEED FOR TWO (2) FULL YEARS FROM THE DATE THAT THE LANDSCAPE INSTALLATION IS ACCEPTED AS COMPLETE AND HAVE A 100% SURVIVABILITY RATING AT THE END OF THE TWO YEARS. PLANT MATERIAL NOT FOUND TO BE IN A HEALTHY, VIGOROUS CONDITION AT THE BEGINNING OF THE SECOND GROWING SEASON IS TO BE REPLACED. BARE-ROOT SEEDLINGS SHALL BE GUARANTEED FOR A PERIOD OF FIVE (5) YEARS AND HAVE A 50% SURVIVABILITY RATE AT THE END OF 5 YEARS. SEEDLINGS NOT FOUND TO BE IN A HEALTHY VIGOROUS CONDITION AT THE END OF THE FIVE-YEAR PERIOD ARE TO BE REPLACED.

PLANTING DETAILS









LANDSCAPING REQUIREMENTS

LANDSCAPE AREA REQUIREMENTS

SITE IS REQUIRED TO HAVE A MINIMUM OF 10% LANDSCAPED AREA

SITE AREA: 19,549 SQ.FT. REQUIRED LANDSCAPE AREA: 19,549 SQ.FT. x 10% = 1,955 SQ.FT.

PROPOSED LANDSCAPE AREA: 1,966 SQ.FT.

LANDSCAPE PARKING

THERE ARE NO LANDSCAPE REQUIREMENTS FOR PARKING AREAS. HOWEVER, WE HAVE PROVIDED CANOPY TREES AND SHRUBS TO SHADE

PARKING SPACES AND SCREEN VEHICLES

LANDSCAPE BUFFERS & SCREENING

THERE ARE NO BUFFER REQUIREMENTS FOR THIS DEVELOPMENT. HOWEVER WE HAVE PROVIDED PLANTING ALONG THE SIDE BOUNDARY LINE

TO SCREEN THE HOUSE FROM VIEW.

LANDSCAPING PLANT SCHEDULE

EQUAL SPACING PER SPECIES

N HERBACEOUS VEGETATION PLANTING PATTERN

KEY	QUA	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	Canopy Tre	e			
UP	2	Ulmus 'Patriot'	Patriot Elm	2 - 2 ½" Cal. B&B	As Shown
	Understory	Tree			
CC	2	Cercis canadensis	Easter Redbud	1 - 1 ½" Cal. B&B	As Shown
CK	2	Cornus kousa'Milky Way Select'	Milky Way Select Dogwood	1 - 1 ½" Cal. B&B	As Shown
MS	1	Magnolia stellata'Royal Star'	Royal Star Magnolia	1 - 1 ½" Cal. B&B	As Shown
	Evergreen	Conifers	-		
TO	6	Thuja occidentalis'Emerald'	Emerald Arborvitae	3 -4' Ht. B&B	As Shown
	Shrubs				
AC	10	Abelia chinensis'Keiser'	Ruby Anniversary Abelia	36 -42" Cont.	As Shown
CA	14	Callicarpa americana	American Beautyberry	18 - 24" Cont.	As Shown
FM	11	Fothergilla major'Blue Shadow'	Blue Shadow Fothergilla	18 - 24" Cont.	As Shown
HA	6	Hydrangea arborescens'Abetwo	Incrediball Smooth Hydrangea	18 - 24" Cont.	As Shown
IC	25	llex crenata'GreenLustre'	Green Luster Holly	36 -42" Cont.	As Shown
IG	21	llex glabra'Densa'	Densa Inkberry	18 - 24" Cont.	As Shown
SP	9	Syringa pubescens'Miss Kim'	Miss Kim Lilac	18 - 24" Cont.	As Shown
	Perennials				
BF	25	Agastache'Blue Fortune'	Blue Fortune Hyssop	1 Gal. Cont.	12" o.c.stag.
AO	20	Aster oblong 'October Skies	Aromatic Aster	1 Gal. Cont.	18" o.c. stag.
CV	30	Coreopsis verticillata'Zagreb'	Tickseed	1 Gal. Cont.	18" o.c. stag.
SN	20	Salvia nem 'East Friesland'	Garden Sage	1 Gal. Cont.	12" o.c.stag.

REVIEWED FOR THE KENT SOIL AND WATER CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

KENT SOIL AND WATER CONSERVATION DISTRICT KENT SOIL AND WATER CONSERVATION DISTRICT RESERVES THE RIGHT TO ADD, DELETE, MODIFY OR OTHERWISE ALTER THE EROSION CONTROL PROVISIONS OF THIS PLAN IN THE EVENT ADDITIONAL PROTECTION BECOMES NECESSARY

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