

# APPLICATION

PERCOLATION TESTING

A 518006-5

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 11/22/02

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RICHARD MYRTLE & W.F.

ADDRESS 3504 MYRTLE ST. PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER EDRISTO S.C. 29438-3723  
JAMES KEELTY & CO. INC.

ADDRESS 61 E. PADONIA RD. PHONE 410-252-8600  
TIMONIUM, MD 21093

PROPERTY LOCATION:

TOWNSHIP \_\_\_\_\_ LOT NO. 20

ROAD AND DESCRIPTION 1795 WOODSTOCK RD.  
WOODSTOCK MD 21163

TAX MAP 10 PARCEL # 925

SIZE OF LOT 148.636 AC TYPE BLDG. SINGLE FAMILY  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Richard Myrtle  
Pauline F. Myrtle  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

518006

COUNTY #

SOIL PROFILE

rdbrn  
hvy sllm

3'

Brn  
ybrn  
Lm  
S  
Rx md.  
packed gr.  
75%

11'

Trail  
Rx  
Bottom

14'

Str rdbrn  
hvy Lm-  
CL Lm

2'

brn  
dkbrn  
SLm  
≤ 5%

4 1/2'

LmS-  
S  
Rx < 5%

Bottom

13'

RD  
CL Lm

3'

uphill  
side

SLm  
LmS  
fine  
grained

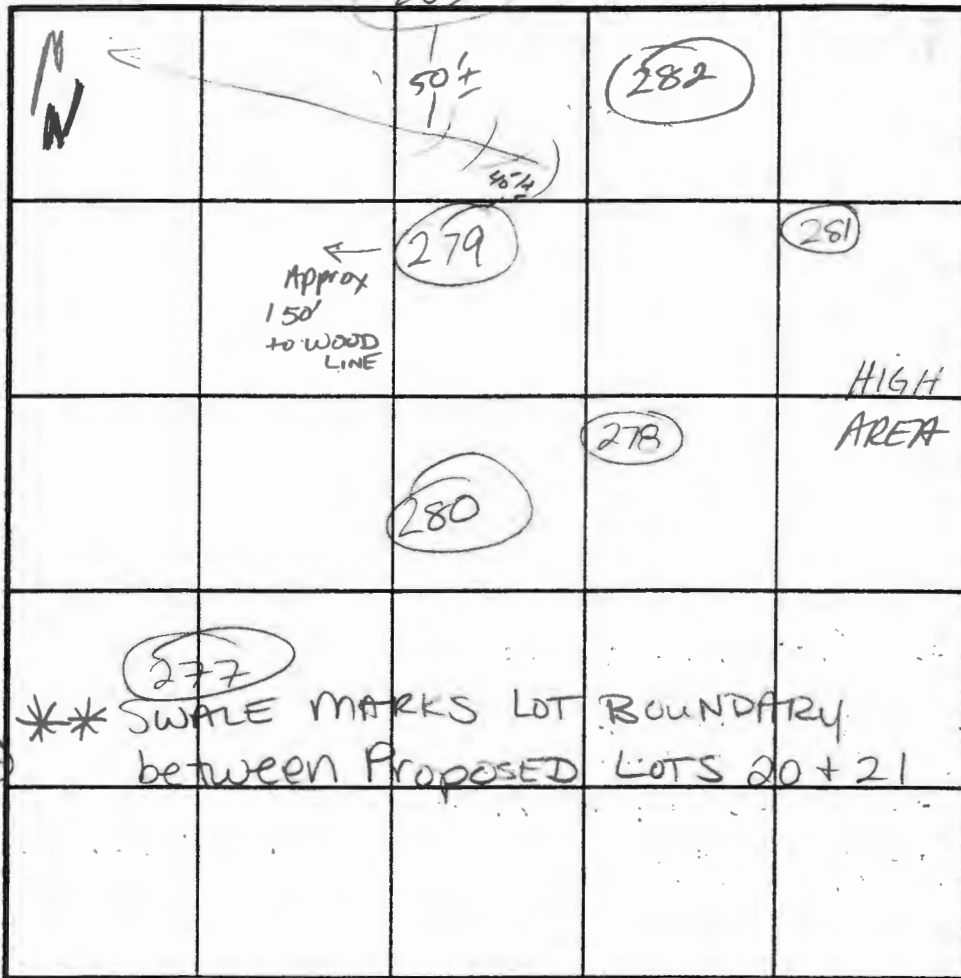
5 1/2'  
6'

Flaggy  
Rx ≈ 30%

Enough  
Good  
Soil  
Surround

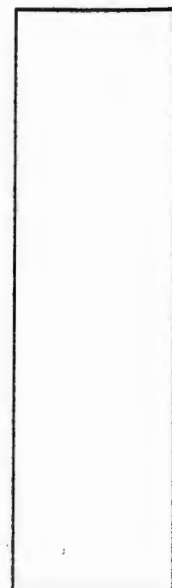
Bottom

14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3-18-03	279	6 1/2' S / 14'	2:04 <sup>35</sup>	2:08	"	2:13	5min	OK
	280	5' S / 13'	2:09 <sup>25</sup>	2:11	"	2:14	3min	OK
	277	5 1/2' S / 13'	2:14 <sup>50</sup>	2:16 <sup>50</sup>	"	2:19	2 min	OK
	278	Visual	SEE	soil Profile	280, 277	EST.	3min	OK
	282	6' S	2:34	2:36	"	2:43	7min	OK

REMARKS: Holes staked and dug per plan

TYPE OF SOIL: hole # 277 Also for LOT 19

TESTED BY: KN ALSO PRESENT: Bob S.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_


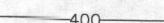


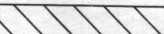
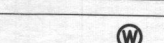


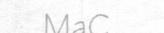


INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

215-GH

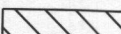


Perc Cert Signed  
by H.O. on  
10-24-03

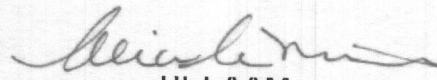
**LEGEND**

-  400 PROPOSED CONTOURS
-  398 EXISTING CONTOURS
-  400 EXISTING CONTOURS
-  EXISTING PRIVATE SEWAGE DISPOSAL AREA
-  PROPOSED PRIVATE SEWAGE DISPOSAL AREA
-  EXISTING WELL BOX
-  PROPOSED TREELINE
-  EXISTING TREELINE
-  SOILS MAP SYMBOL
-  SOILS DELINEATION LINE
-  PERC TEST PASSED

**GENERAL NOTES**

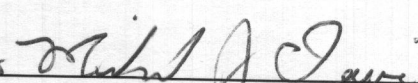
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THE LOT SIZE FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS, AND IS A RECORDED LOT, PLAT 23866.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE AREA. RECORDATION OF A MODIFIED SEWERAGE AREA PLAT SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN WAS FLOWN BY VIRGINIA RESOURCE MAPPING, INC. DATED FEBRUARY 2003 AND SUPPLEMENTED WITH FIELD SURVEY BY DMW, INC. DATED 2005.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
5. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1216) HAS BEEN FIELD LOCATED BY DAFT, McCUNE WALKER, INC. AND IS SHOWN IN ACCORDANCE WITH THEIR SURVEY.N.
7. PERCOLATION TEST FEE RECEIPT NUMBER IS 518006-C, DATED 11/22/02.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PROVIDED TO ME BY HOWARD COUNTY ENVIRONMENTAL HEALTH, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

  
 2022.04.25 10:19:03 -04'00

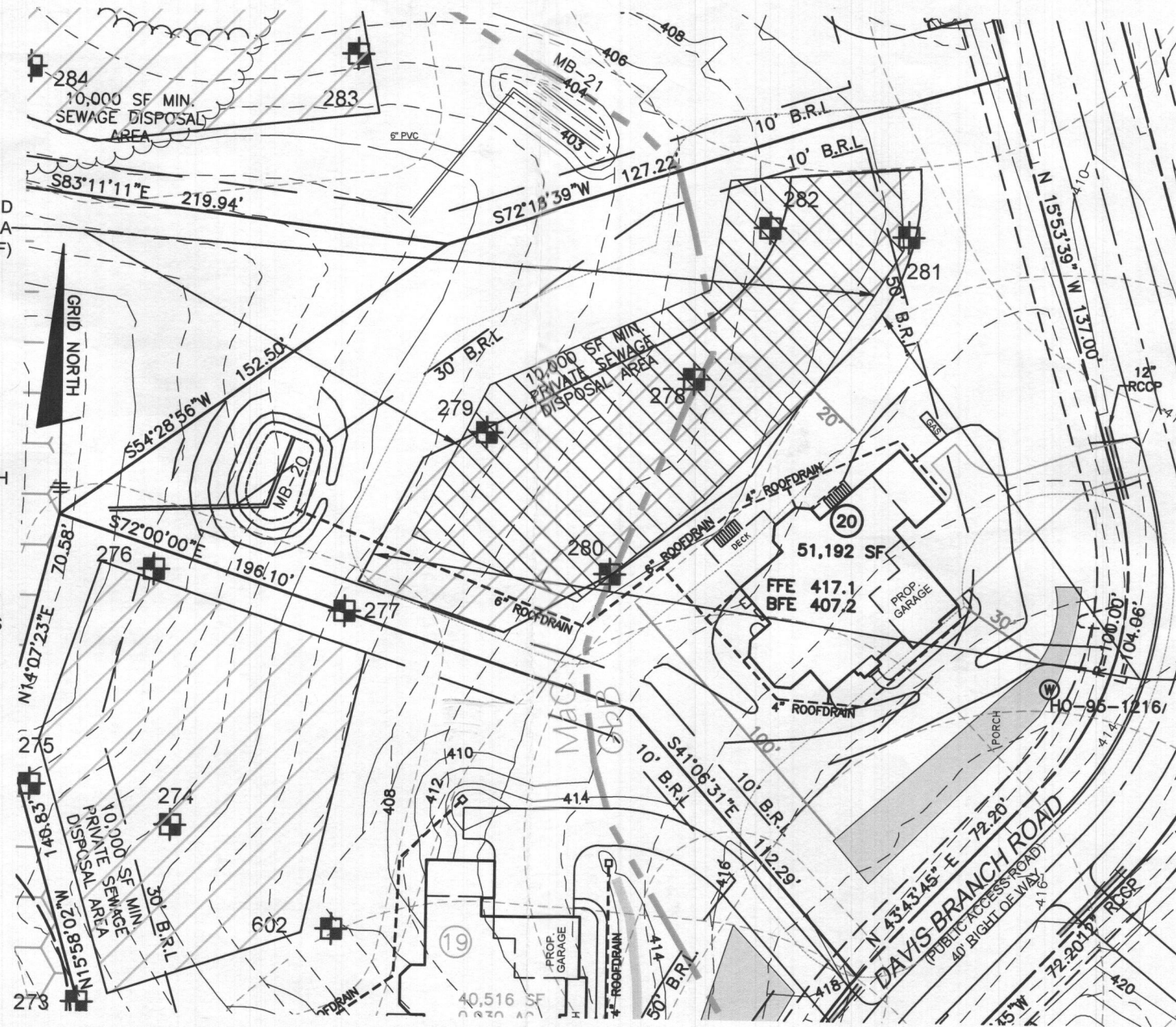
ALICE A. MILLER, P.E.  
 PLAN PREPARER FOR BENCHMARK ENGINEERING

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT

  
 HOWARD COUNTY HEALTH OFFICER

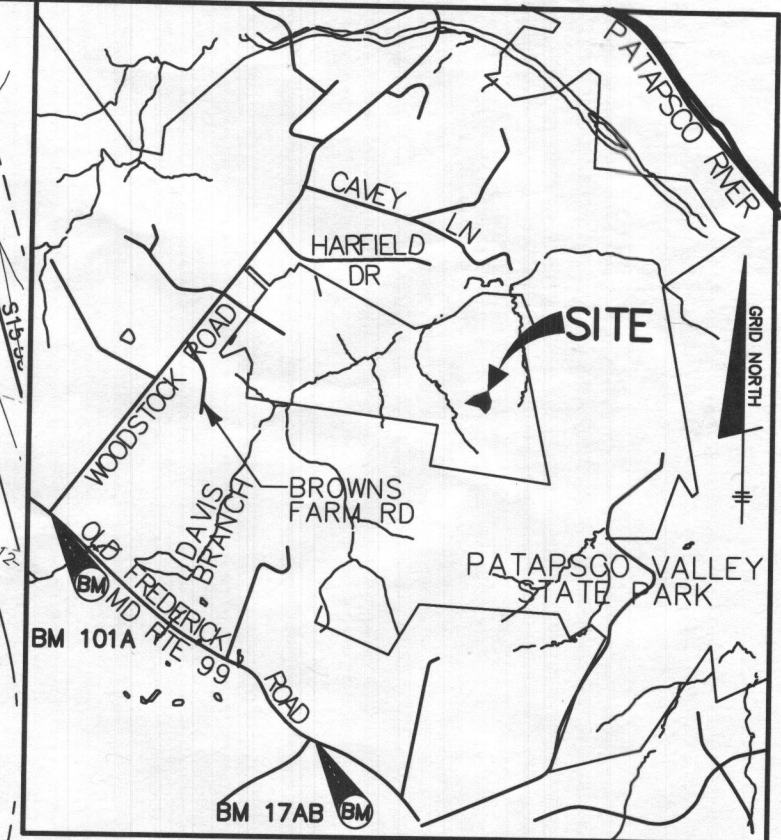
DATE 5/18/22  
 1838

PROPOSED SEPTIC AREA (10,004 SF)



**PLAN VIEW**

1" = 50'



**LOCATION MAP**

SCALE: 1" = 2000'

EXISTING SEPTIC AREA PER 2007 SIGNED PERC CERTIFICATION (10,231 SF)

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE THE HOUSE FOOTPRINT.

PROJECT: **MYRTUE PROPERTY LOT 20**

LOCATION: TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO  
 1933 DAVIS BRANCH RD. WOODSTOCK, MD 21163  
 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352544

TITLE: **REVISED PERCOLATION CERTIFICATION**

HOUSE TYPE: **CUSTOM - KEYSTONE HOMES**

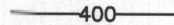
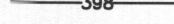
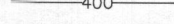


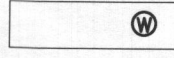





DATE: APRIL, 2022 PROJECT NO. 2099

SCALE: AS SHOWN DRAWING 1 OF 1


OWNER/BUILDER:  
 KEYSTONE CUSTOM HOMES, INC.  
 227 GRANITE RUN DR.  
 SUITE 100  
 LANCASTER, PA 17601  
 717-464-9060

**BENCHMARK**  
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315  
 ELLICOTT CITY, MARYLAND 21043  
 (P) 410-465-6105 ▲ (F) 410-465-6644  
 WWW.BEI-CIVILENGINEERING.COM


**LEGEND**

-  400 PROPOSED CONTOURS
-  398 EXISTING CONTOURS
-  400 EXISTING CONTOURS
-  EXISTING PRIVATE SEWAGE DISPOSAL AREA
-  PROPOSED PRIVATE SEWAGE DISPOSAL AREA
-  EXISTING WELL BOX
-  PROPOSED TREELINE
-  EXISTING TREELINE
-  SOILS MAP SYMBOL
-  SOILS DELINEATION LINE
-  PERC TEST PASSED

**GENERAL NOTES**

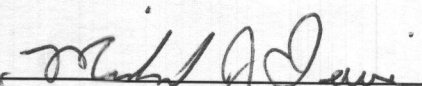
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THE LOT SIZE FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS, AND IS A RECORDED LOT, PLAT 23866.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE AREA. RECORDATION OF A MODIFIED SEWERAGE AREA PLAT SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN WAS FLOWN BY VIRGINIA RESOURCE MAPPING, INC. DATED FEBRUARY 2003 AND SUPPLEMENTED WITH FIELD SURVEY BY DMW, INC. DATED 2005.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
5. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1216) HAS BEEN FIELD LOCATED BY DAFT, McCUNE WALKER, INC. AND IS SHOWN IN ACCORDANCE WITH THEIR SURVEY.N.
7. PERCOLATION TEST FEE RECEIPT NUMBER IS 518006-C, DATED 11/22/02.

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PROVIDED TO ME BY HOWARD COUNTY ENVIRONMENTAL HEALTH, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

  
 BEI-AAM  
 2022.04.25 10:19:03 -04'00

ALICE A. MILLER, P.E.  
 PLAN PREPARER FOR BENCHMARK ENGINEERING

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT

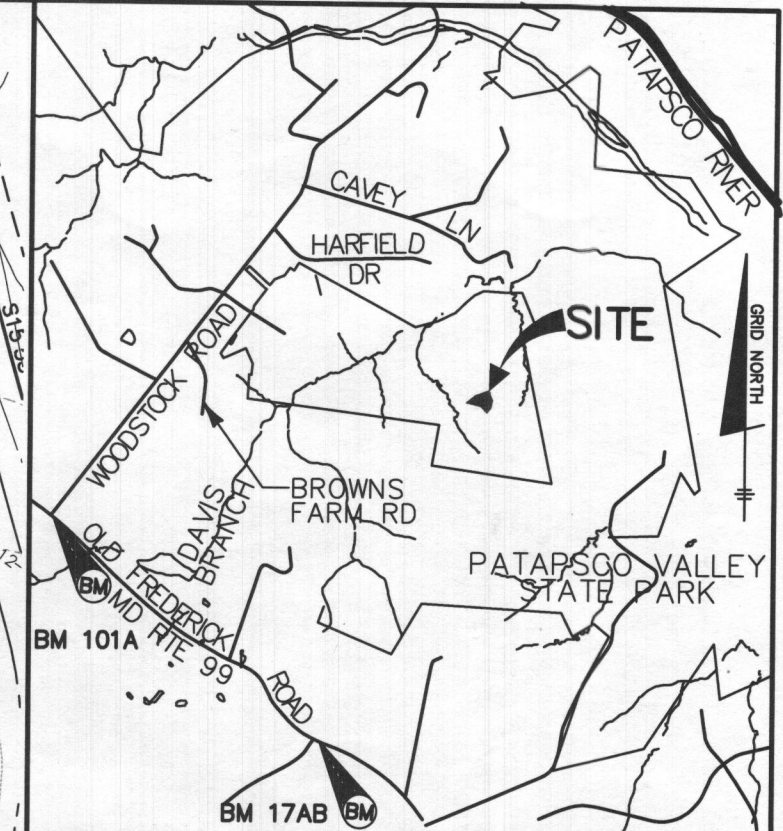
  
 HOWARD COUNTY HEALTH OFFICER

5/18/22  
 DATE



**PLAN VIEW**

1" = 50'



**LOCATION MAP**

SCALE: 1" = 2000'

EXISTING SEPTIC AREA PER 2007 SIGNED PERC CERTIFICATION (10,231 SF)

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO ADJUST THE SEWAGE DISPOSAL AREA TO ACCOMMODATE THE HOUSE FOOTPRINT.	
PROJECT:	<b>MYRTUE PROPERTY LOT 20</b>
LOCATION:	TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO 1933 DAVIS BRANCH RD. WOODSTOCK, MD 21163 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352544
TITLE:	<b>REVISED PERCOLATION CERTIFICATION</b>
HOUSE TYPE:	<b>CUSTOM - KEYSTONE HOMES</b>
DATE:	APRIL, 2022
PROJECT NO.	2099
SCALE:	AS SHOWN
DRAWING	1 OF 1

OWNER/BUILDER:  
 KEYSTONE CUSTOM HOMES, INC.  
 227 GRANITE RUN DR.  
 SUITE 100  
 LANCASTER, PA 17601  
 717-464-9060

**BENCHMARK**  
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315  
 ELLICOTT CITY, MARYLAND 21043  
 (P) 410-465-6105 ▲ (F) 410-465-6644  
 WWW.BEI-CIVILENGINEERING.COM