

# APPLICATION

PERCOLATION TESTING

A 518006-D

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 & WF.

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

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

ADDRESS 61 E. PADONIA RD. PHONE 410-252-8000  
TIMONIUM, MD 21093

PROPERTY LOCATION:

DIVISION \_\_\_\_\_ LOT NO. 5

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 Keelty 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 \_\_\_\_\_

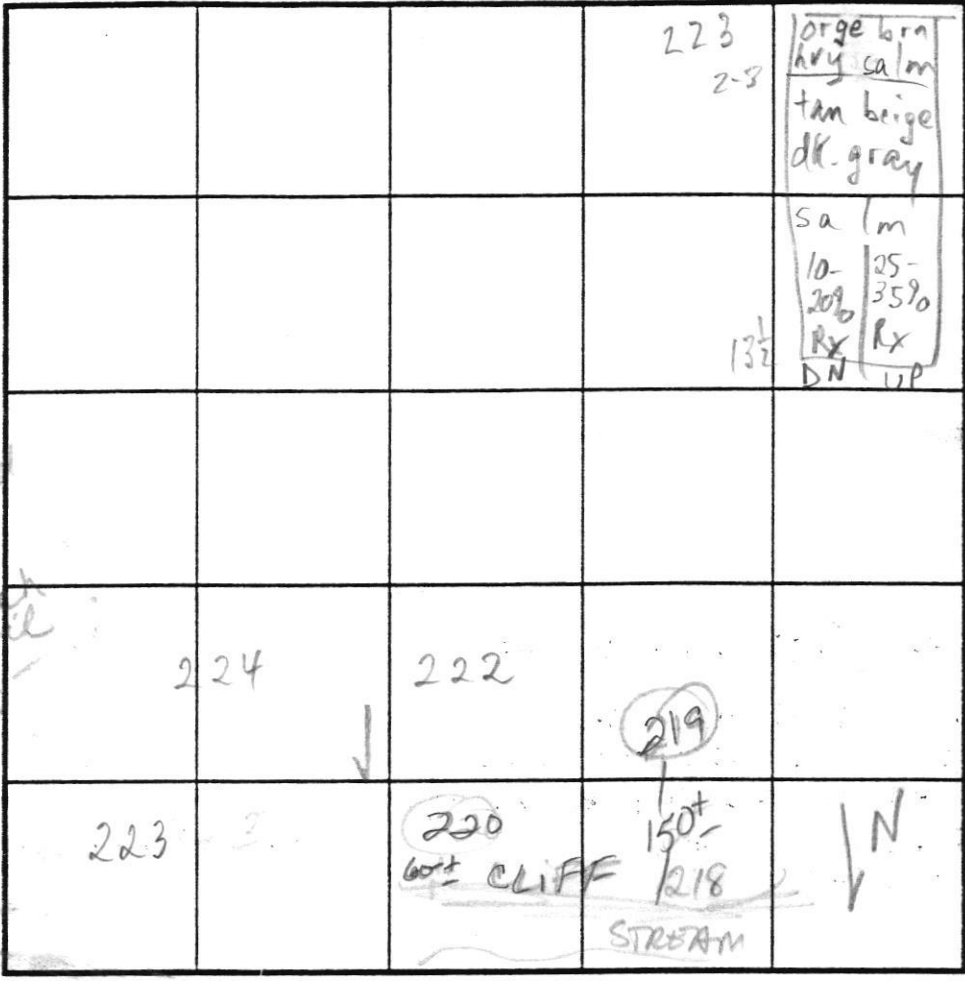
# THIS IS NOT A PERMIT

518006

COUNTY #

SOIL PROFILE

0' 219  
 Brn tan micac  
 hvy salm  
 2'  
 platy soil  
 struct  
 Lm y sand  
 cave in  
 on N wall sand  
 Rx frags  
 20-40% - much soil  
 Bottom  
 35'



SOIL PROFILE

0' 220  
 brn org brn  
 V. micaceous  
 Trace Rx  
 Salm  
 3'  
 W. micac  
 brn org brn  
 Loam  
 7'  
 org  
 13'  
 DN 224 UP  
 brn org  
 hvy salm 2-3  
 tan lt. brn  
 salm 10 1/2  
 10-20% (25-35% Rx)  
 frags 13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

218  
 Brn Dense  
 Lm  
 2 1/2'  
 fine  
 sand  
 structure  
 Trace Rx  
 Bottom  
 14'

220  
 brn  
 Lm  
 fine  
 salm  
 brn  
 6'  
 brn tan  
 Cave-in  
 fine  
 sand  
 cave  
 in  
 on  
 25% Rx

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-3-03	<u>219</u>	7' / 135	3:41 <sup>15</sup>	3:51	3:51	4:00	9
	<u>218</u>	VISUAL					OK
	<u>220</u>	6' 14" / 13'	3:38 <sup>30</sup>	3:42	3:42	3:51	9 min
3/3/03	222	platy structure below 7'					OK
3/4/03	224	M 6 1/2 V 12 1/2	11:11	11:14	11:14	11:20	6
	223	M 5 1/2 V 13 1/2	11:17	11:20	11:20	11:28	8
		M Rx M 2 6 1/2	1:48	1:53	1:53	1:58	5

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY KN + MR ALSO PRESENT hoe mem Sheepsley  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



# BENCHMARK

ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

## ENGINEERING, INC.

8480 Baltimore National Pike \* Suite 315 \* Ellicott City, Maryland 21043  
(410) 465-6405 (410) 465-6644 FAX  
www.bei-civilengineering.com \* E-mail: bei@bei-civilengineering.com

### LETTER OF TRANSMITTAL

DATE: 8/12/21 PROJECT NO.: 2099

TO: Howard County Health Department  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ATTN: Robert Bricker  
RE: OSDS Design  
Myrtue Property  
Lot 5

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items:

- Photocopies  Prints  Originals  Samples  
 Specifications  Invoices  Change Order  Other \_\_\_\_\_

# of Copies	# of Sheets	DESCRIPTION
3	1	Lot 5, OSDS Plan
1	4	House Plans

THESE ARE TRANSMITTED as checked below:

- For Comment  For Your Use  For Approval  
 For Review  As Requested  Other \_\_\_\_\_

REMARKS: First Submission - \$11 fee  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


COPY TO: \_\_\_\_\_

SIGNED: Alice Miller

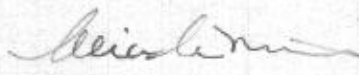
RECEIVED BY: \_\_\_\_\_

E-MAIL: amillere@bei-civilengineering.com

## GENERAL NOTES

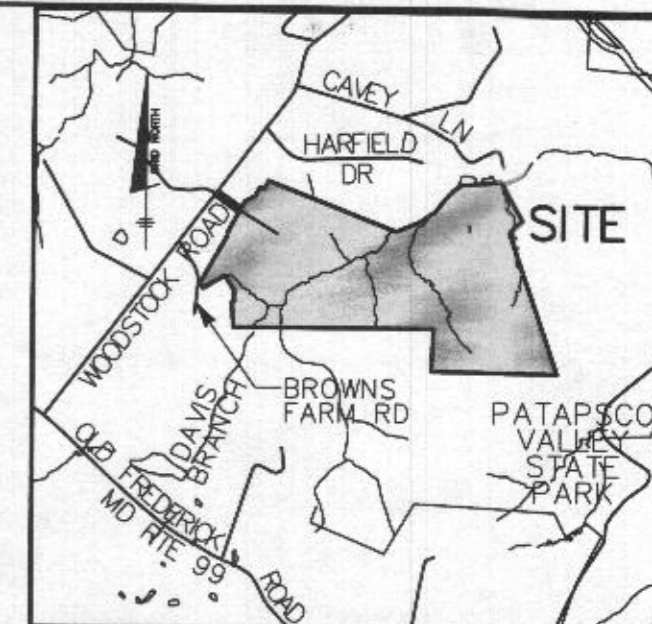
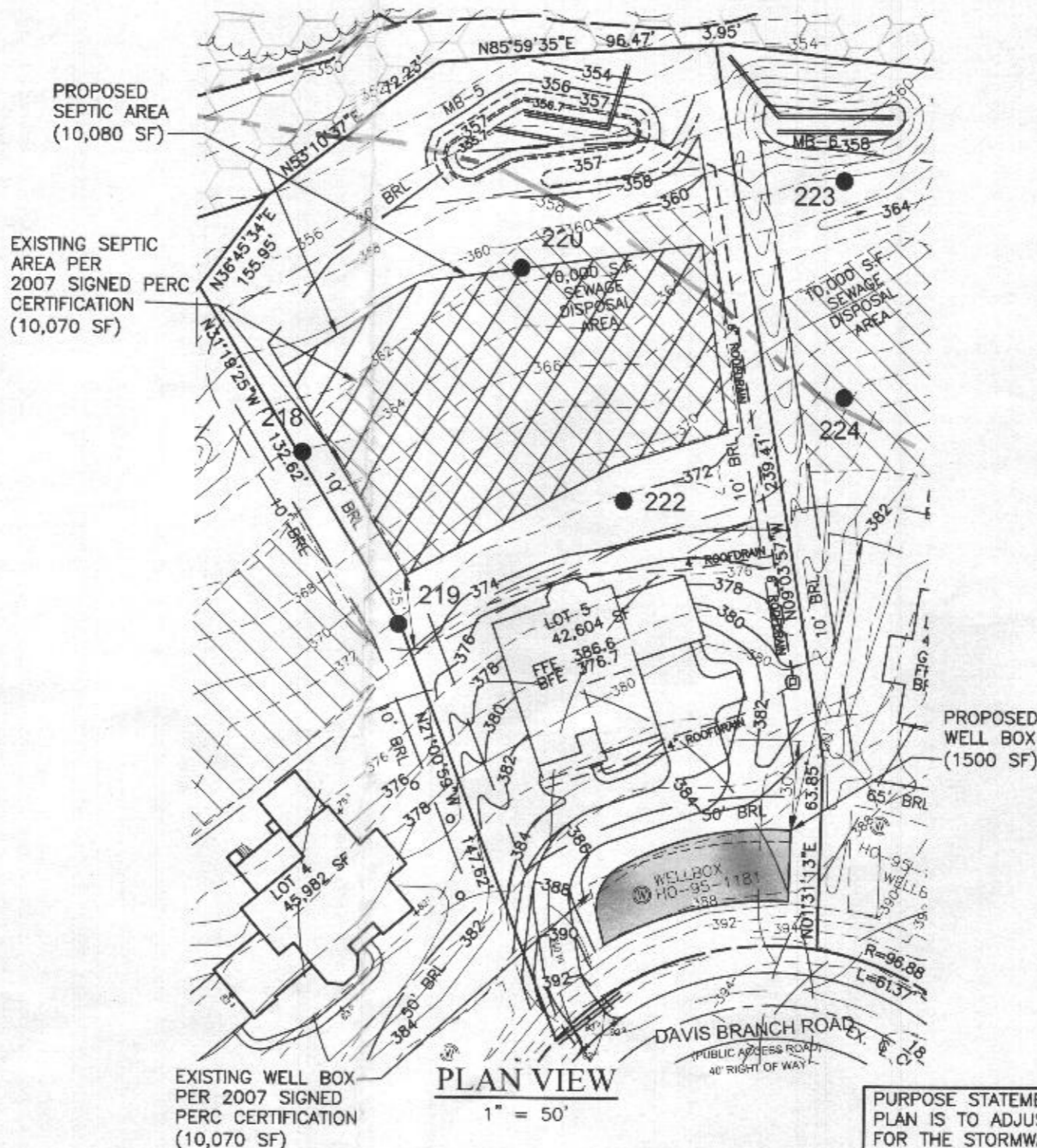
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THE LOT SIZE FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS, AND IS A RECORDED LOT, PLAT 23865.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA OF AT LEAST 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 EASEMENT 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 EASEMENT 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 AND BENCHMARK ENGINEERING, INC. DATED JUNE, 2019 AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
4. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
5. ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1181) HAS BEEN FIELD LOCATED ON JUNE, 2019 BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
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 PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

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

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT

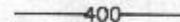
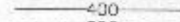









For  DATE 9/3/21  
HOWARD COUNTY HEALTH OFFICER



## VICINITY MAP

SCALE: 1"=2000'

## LEGEND

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

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO ADJUST THE SEWERAGE DISPOSAL AREA TO FACILITATE SPACE FOR THE STORMWATER MANAGEMENT FACILITY, AND THE WELL BOX TO CORRECT AN OVERLAP OF THE 100' SETBACK WITH LOT 4 SDA.

PROJECT: **MYRTUE PROPERTY  
LOT 5**

LOCATION: TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO  
1807 DAVIS BRANCH RD. WOODSTOCK, MD 21163  
6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352374

TITLE: **REVISED PERCOLATION CERTIFICATION**

HOUSE TYPE: **CUSTOM - KEYSTONE HOMES**

DATE: **AUGUST, 2021** PROJECT NO. **2099**

SCALE: **AS SHOWN** DRAWING **1** OF **1**

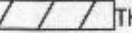
OWNER/BUILDER:

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  
ELLCOTT CITY, MARYLAND 21043  
(P) 410-465-8105 ▲ (F) 410-465-8644  
WWW.BEI-CIVILENGINEERING.COM

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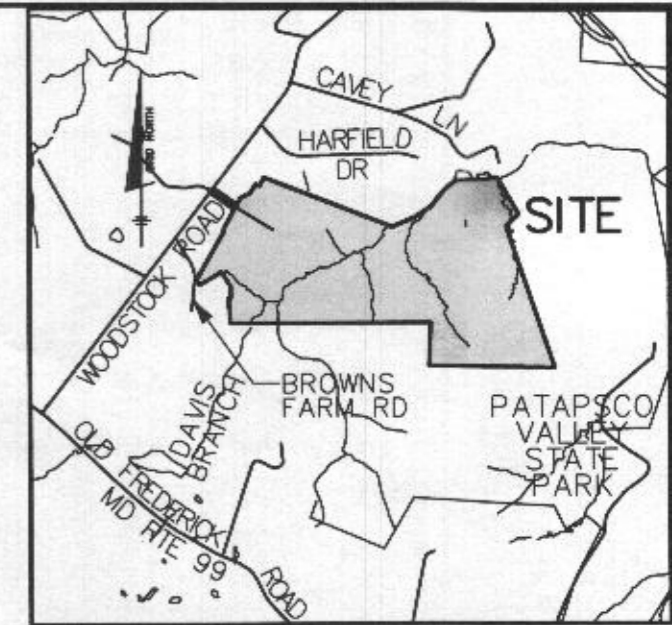
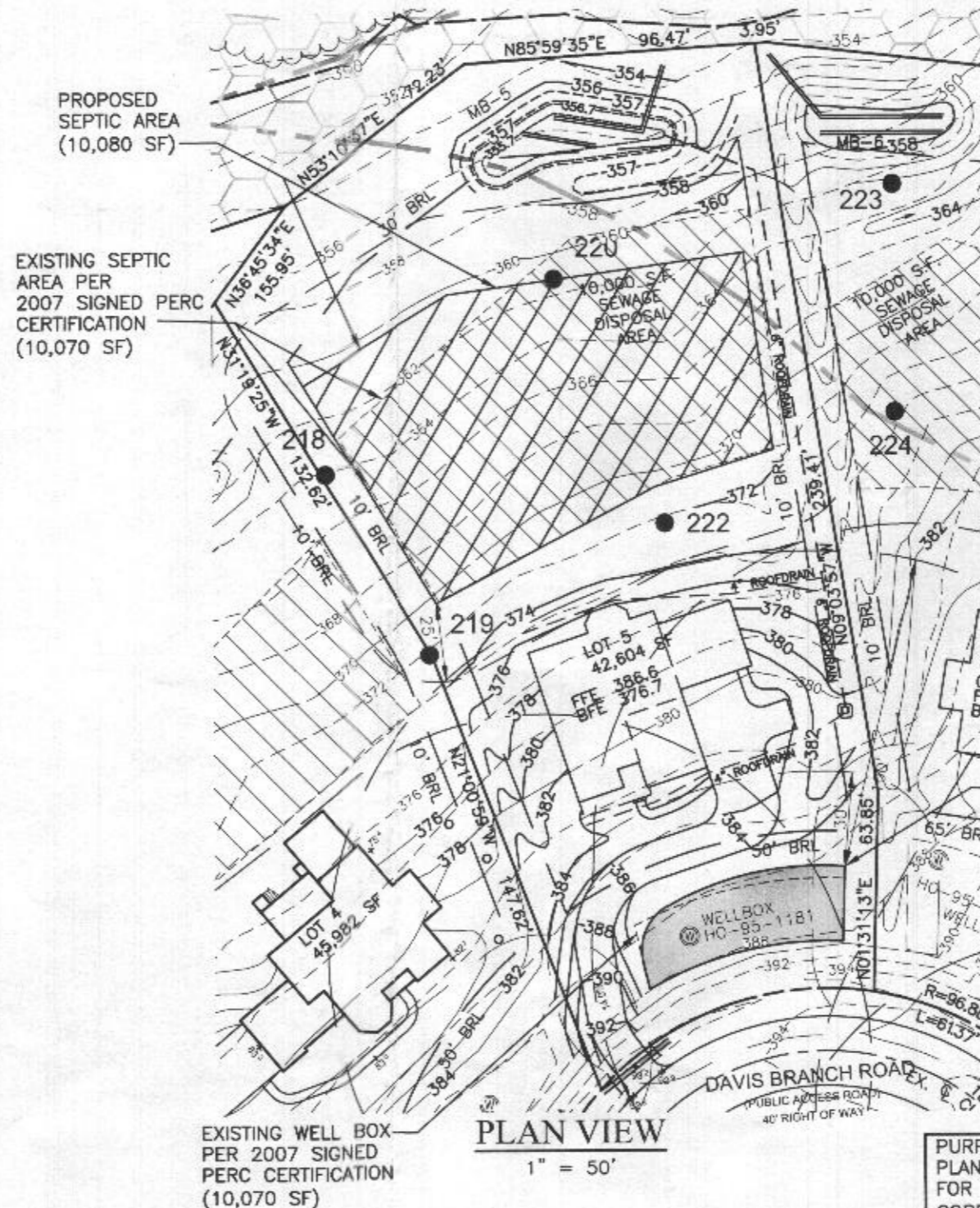
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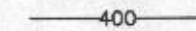
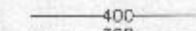
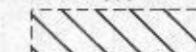

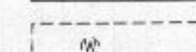
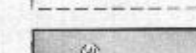
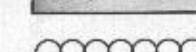



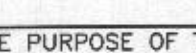
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HOWARD COUNTY HEALTH DEPARTMENT

For  DATE 9/3/21  
HOWARD COUNTY HEALTH OFFICER



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DATE: AUGUST, 2021 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

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