

APPLICATION

PERCOLATION TESTING

A 518006-EE

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 EDIGATO SAC. 29438-3723
JAMES KEELTY & CO. INC.

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

PROPERTY LOCATION:

DIVISION _____ LOT NO. 32 31

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 J. [Signature]
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

HD-3.22 (1-00)

518006

HIGH WATER IN WELL-DRAINED SOILS

MANIC
DRAINAGE
SWITCH

COUNTY #

SOIL PROFILE

339A

Dense
CLM
RDBm
Greyish

Trace
Rx

Cave-in
greenish
black
mdgr. sand
water

339

Strong org
micac
Loam

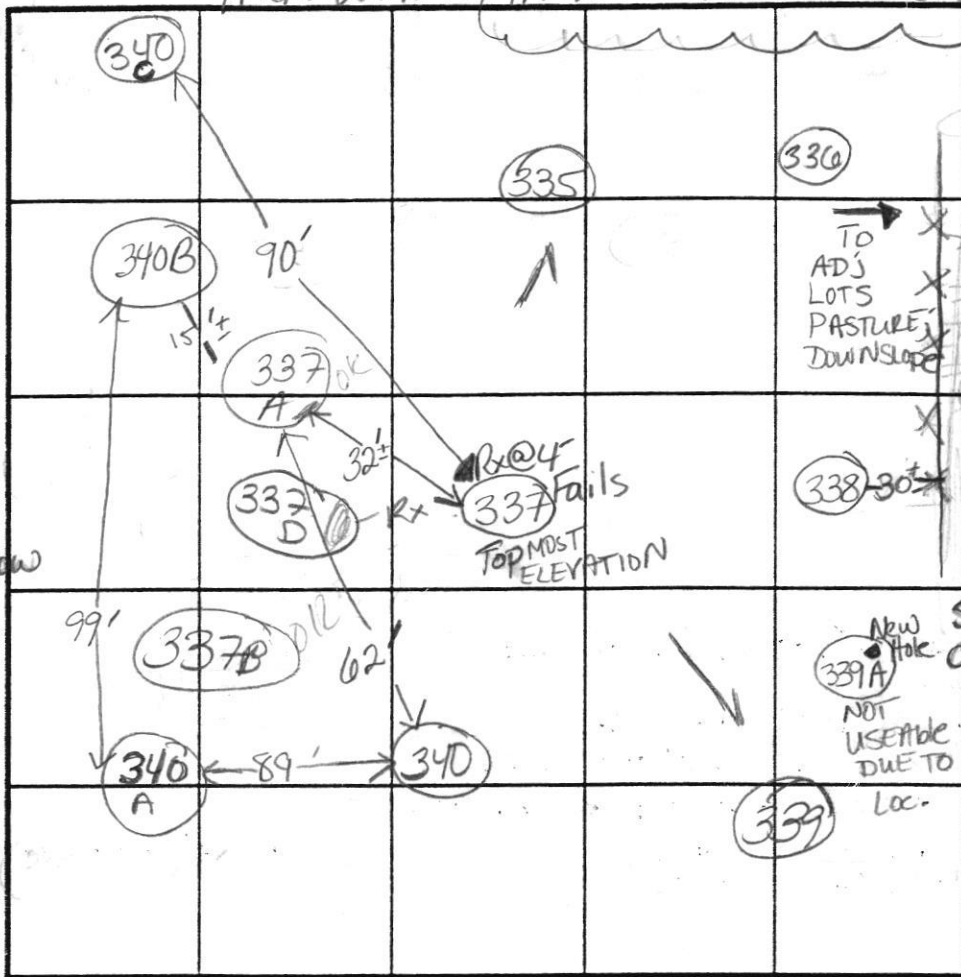
v. fine
Slam
micac
gritty
LMS

Sm
velv
of
pink
Qtz frags
small
Saprolite
Bottom

338

Strong
Bm
CLM

lt brn
gravelly
mdgr.
sand
granular
struct.
Trace
Rx
Bottom



SOIL PROFILE

340

WKRDBm
SCLM

DK brn org
some micac
fine
SiLm

channey
horizontal
layers 30-40%

brn H brn
SLoam
some
v. fine
grained
Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-12-03	339	4 1/2' M	11:44:27	11:48	11:48	11:54	6 min
		Will perc at 2 1/2'					
	338	NOT TESTED	DUE TO LOCATION				N/A
	340	7' M	12:09:12	12:11:34	12:11	12:16	4 min
	337	Refusal @ 4'					F
	337A	5'	12:28 ⁵⁰	12:32 ²⁶	"	12:37 ²⁵	5 min
	340C	5 1/2' M	1:34 ⁵¹	1:34 ³⁰	1:39 ³⁰	1:39 ³⁰	SOIL FELL IN EST 9 min
SEE ATTACHED SHEET FOR SOIL PROFILES							
TOPO MAY NOT BE ACCURATE, CHECK IN FIELD							

REMARKS: 339A, 337A, 337B, 340C, 340A NOT PER PLAN. FIELD LOCATED

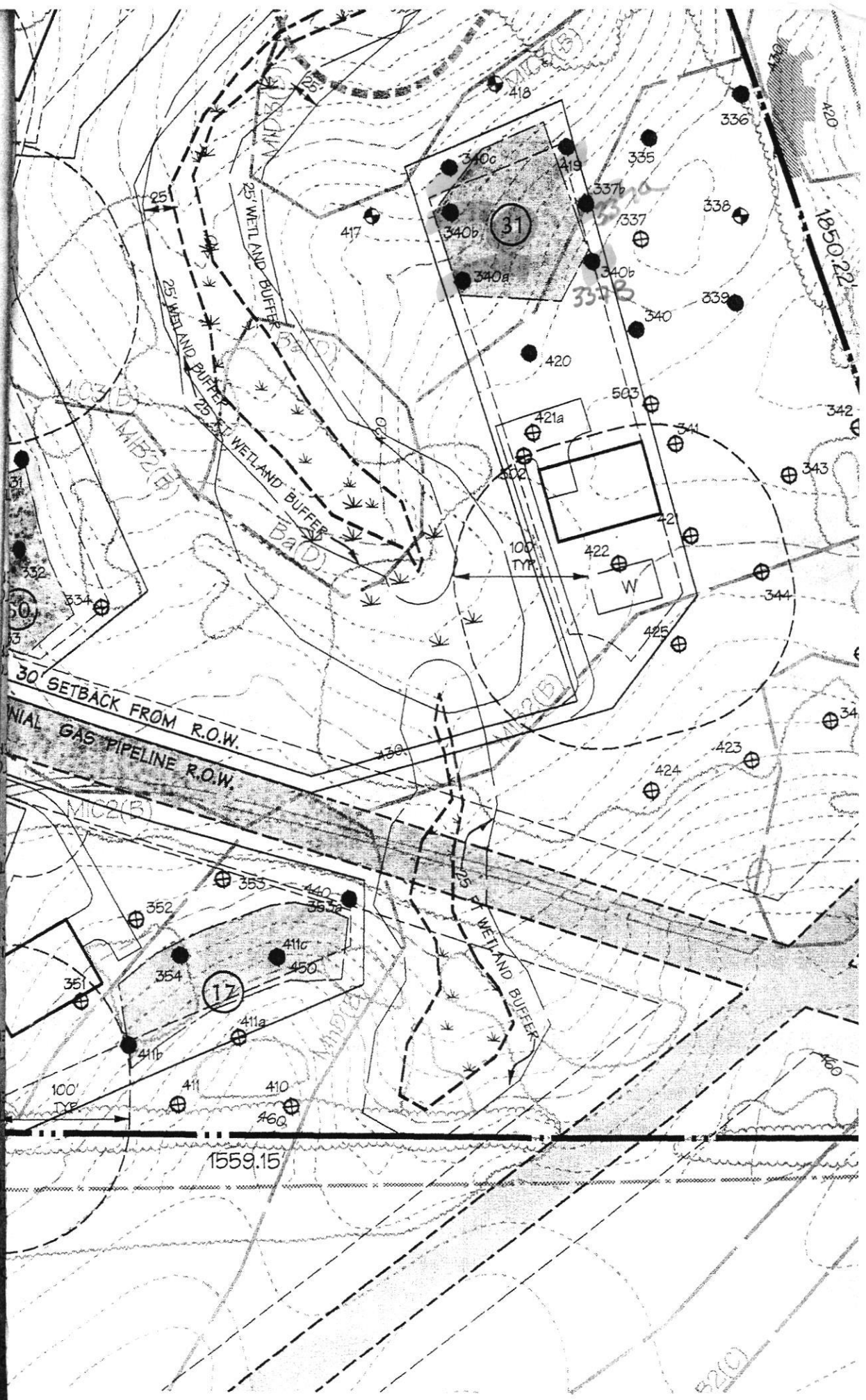
TYPE OF SOIL: 337 D - FOUND WESTERN MOST LIMIT OF KNOWL'S Rpt

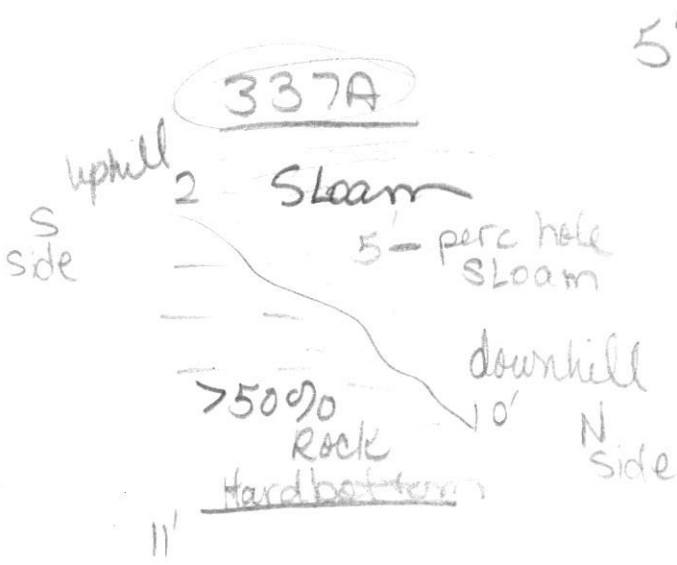
TESTED BY: KN-FA ALSO PRESENT B. Sheesley, Keelty

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

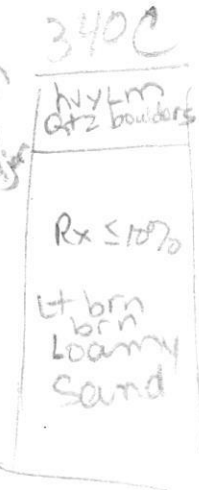
SEE
SOIL
PROFILE
/ FAIL





5'
12:28 50
12:32 26
12:37 25

down
hill 2
Side Major



5 1/2'
1:34 30
1:39 30
Soil Fell
in
EST 9 min

337B OK
str. rd brn
Strong Brn
CLLm
5 1/2'

6 1/2' S 1:14
1:20
1:25
5 min

white
DK brn micaceous
black sap. & rock ~ 15%
Md-lg gr Sand
H. Bottom 12'

340A OK

1:06 50
1:15
1:31

Sub
2' gray
blocky

Red
Clay Loam

2'

platy

Fine Sandy
loam/ silt loam
(w/ black, orange,
tan layering)

10 min

granular Orange
silt loam

4'

Bottom 12'

WELL DRILLERS

CLINE & DUVALL INC.

8093 Hillmark Court
Frederick, MD 21704
301-663-6095

FOGLE'S WELL DRILLING

580 Obrecht Road
Sykesville, MD 21784
410-795-5670

G. EDGAR HARR SONS CORP.

12047 Falls Road
Cockeysville, MD 21030
410-252-4588

JOSEPH L. MAYNE

5512 Ridge Road
Mt. Airy, MD 21771
301-829-2164

KEYSER-GARVER, INC.

Austin N. Garver
9125 Bethel Road
Frederick, MD 21701
695-9040 OR 662-1949

L. FRANKLIN EASTERDAY, INC.

George F. Easterday
9265 Brown Church Road
Mt. Airy, MD 21771
1-301-829-1640

MICHAEL BARLOW WELL DRILLING

Michael Barlow
912 Fawn Court
Joppa, MD 21085
410-838-6910

RALPH E. MAYNE

9120 Brown Church Road
Mt. Airy, MD 21771
301-829-0702


STAN'S WELL DRILLING

P. O. Box 2035
Westminster, MD 21157
410-876-6952


WESTMINSTER ROTARY WELL DRILLING, INC.

P. O. Box 861
Westminster, MD 21157
410-876-1911

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 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 FIELD SURVEY BY BENCHMARK ENGINEERING, INC. ON OCTOBER, 2021 AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
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 SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1227) 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 PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

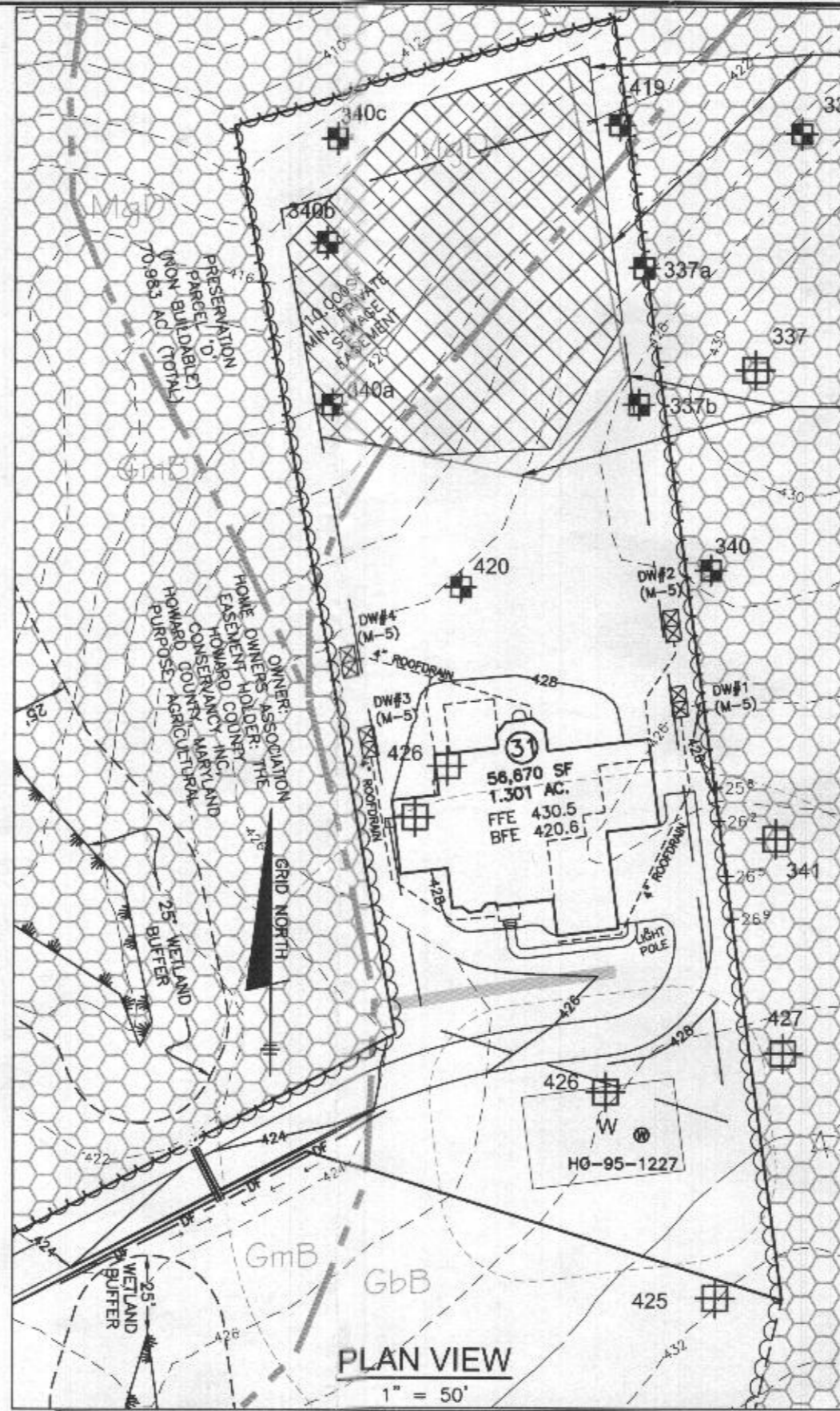

 AAM-BEI
 2021.11.08 12:44:23 -05'00

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

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEM
 HOWARD COUNTY HEALTH DEPARTMENT

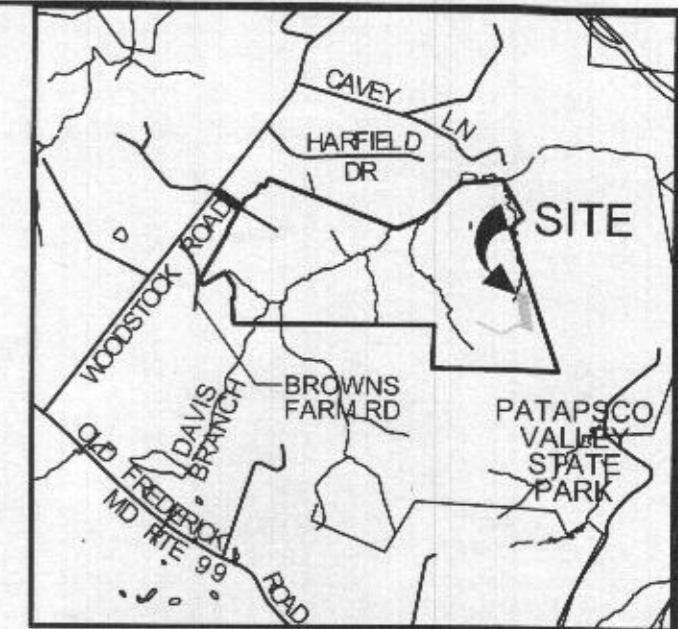

 HOWARD COUNTY HEALTH OFFICER

DATE 11/22/21

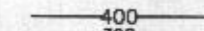
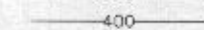

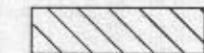
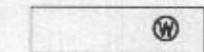

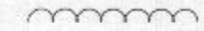
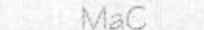





PROPOSED SEPTIC AREA
 (10,490 SF)

EXISTING SEPTIC AREA PER 2007
 SIGNED PERC
 CERTIFICATION
 (10,646 SF)



LEGEND

	PROPOSED CONTOURS
	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
	PERC TEST FAILED

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO ADJUST THE SEWAGE DISPOSAL AREA TO OPTIMIZE TRENCH LAYOUT.

PROJECT: MYRTUE PROPERTY
 LOT 31

LOCATION: TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO
 1910 DAVIS BRANCH RD. WOODSTOCK, MD 21163
 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352668


TITLE: REVISED PERCOLATION CERTIFICATION

HOUSE TYPE: CUSTOM - KEYSTONE HOMES

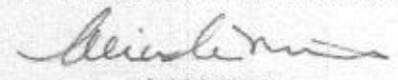
DATE: NOVEMBER, 2021 PROJECT NO. 2099

SCALE: AS SHOWN DRAWING 1 OF 1

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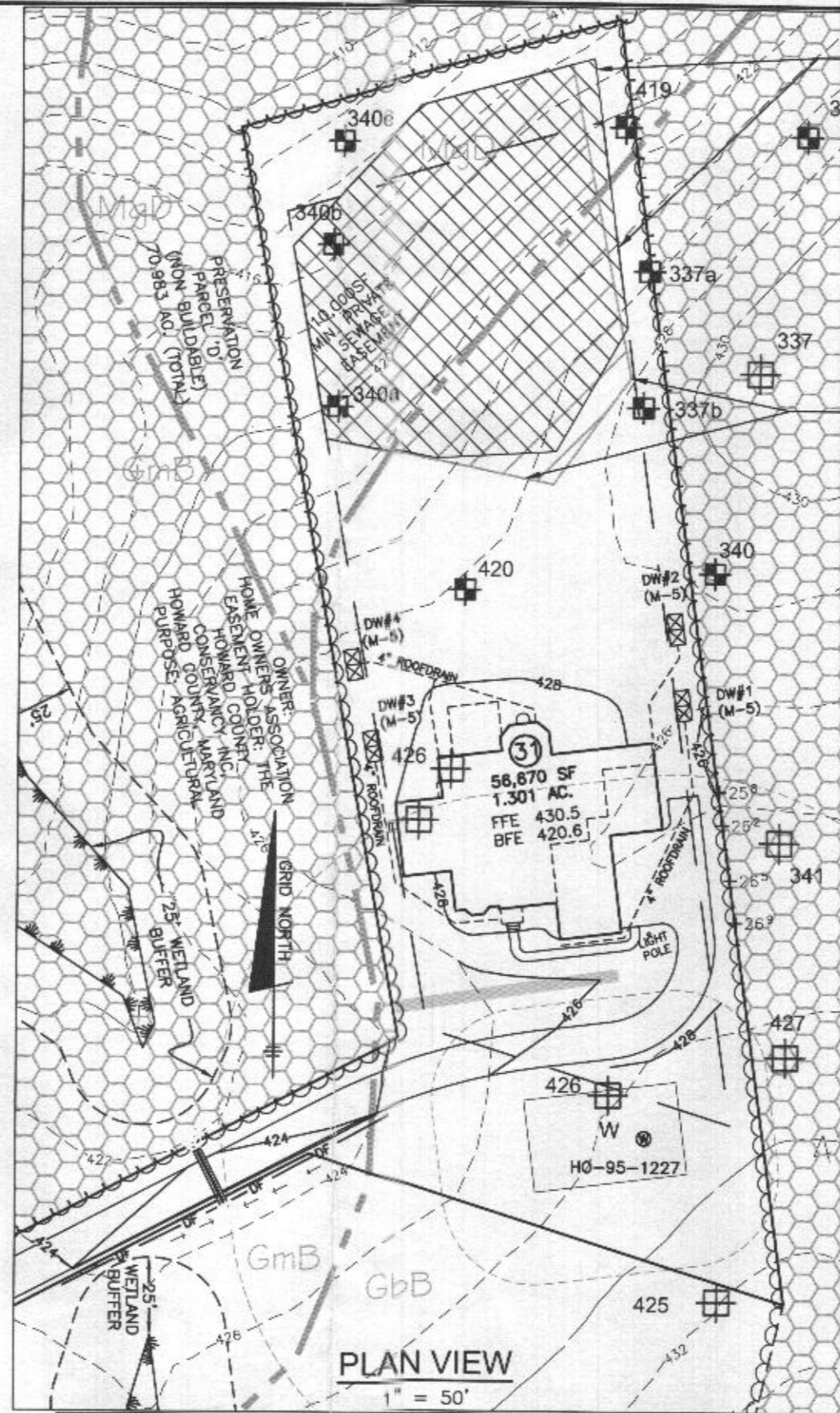
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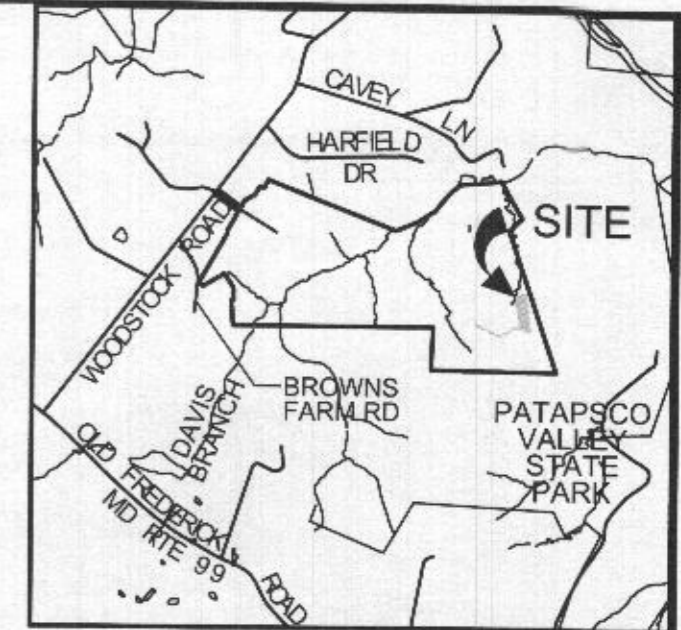

 HOWARD COUNTY HEALTH OFFICER
 DATE 11/22/21



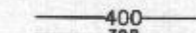




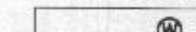



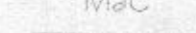


PLAN VIEW
 1" = 50'

PROPOSED SEPTIC AREA
 (10,490 SF)

EXISTING SEPTIC AREA PER 2007
 SIGNED PERC
 CERTIFICATION
 (10,646 SF)



LEGEND

	400	PROPOSED CONTOURS
	398	EXISTING CONTOURS
	400	EXISTING CONTOURS
		EXISTING PRIVATE SEWERAGE DISPOSAL AREA
		PROPOSED PRIVATE SEWERAGE DISPOSAL AREA
		EXISTING WELL BOX
		PROPOSED TREELINE
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HOUSE TYPE: CUSTOM - KEYSTONE HOMES

DATE: NOVEMBER, 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
 ELLICOTT CITY, MARYLAND 21043
 (P) 410-465-8105 ▲ (F) 410-465-6644

WWW.BEI-CIVILENGINEERING.COM