

# APPLICATION

## PERCOLATION TESTING

A 5/14/63c

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 John Avery

ADDRESS 14331 Frederick Road PHONE 410-368-3292

AGENT OR PROSPECTIVE BUYER SAME

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION AVERY PROPERTY LOT NO. 3

ROAD AND DESCRIPTION 14331 Frederick Road

TAX MAP 9 PARCEL # 97

SIZE OF LOT 1.0 Ac ± TYPE BLDG. SFD  
(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.

John R. Avery  
(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 \_\_\_\_\_

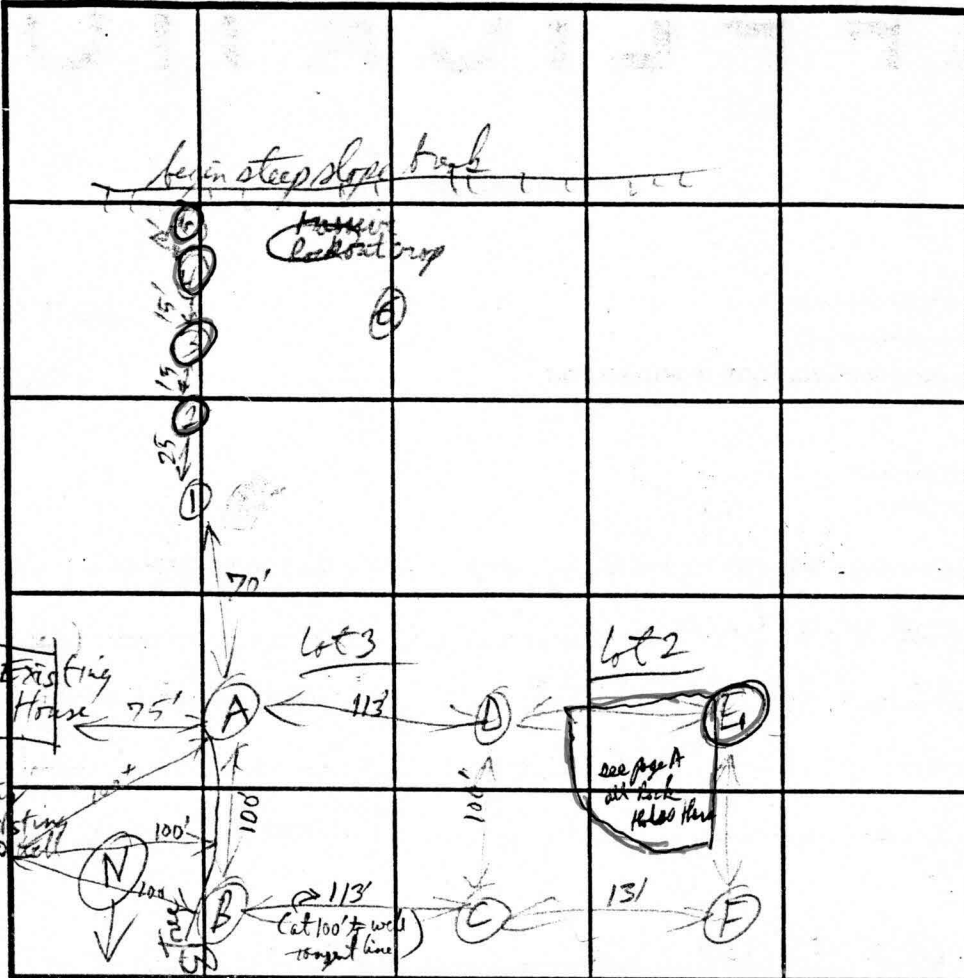
# THIS IS NOT A PERMIT

A 511463C

COUNTY #

SOIL PROFILE A

0' 6" ~~Str Brn Lm~~  
 Red CL  
 3 1/2' Red h L-CL  
 Ant small - Med sized granular ls (1-3mm size)  
 10' stoney small pebbles only  
 11'



SOIL PROFILE D East

0' west D East  
 10' Str Brn Lm  
 Red CL  
 3' Red-yel RL  
 4' hL-CL  
 Red - 40%  
 - Red Brn here some ls & ch  
 L-hL  
 Cross particles  
 7 1/2' Red Brn - Pale red Br.  
 9' L-hL  
 40-50% ch particles  
 med spherls + ch  
 11 1/2'

red CL-SL  
 3' orange red hL-L  
 4' Mid Brn Lm  
 e yel, gray  
 Red, pale Brn, RB  
 various colors  
 of thin ls granules  
 & ch  
 9' Neutral - Red Brn  
 SL-L  
 10' Hard rock (big) ls  
 granules ch  
 > 50%  
 12'

8' Str Brn Lm  
 Red CL  
 2 1/2' yel Brn mix  
 & Brn red hL  
 4 1/2'  
 Red Brn SL-L

Route 144 INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/6/99	A	4 1/2'	10:54	11:14	11:14	11:35	21 min
6/3	B	4 1/2'	10:55	11:10	11:10	11:38	28 min
	C	5'	11:00	11:05	11:05	11:10 1/2	6 min
3 1/2" by 11:11	D	5'	10:58	Missed		11:05	4 min
	(B) (1)						PASS
1/2	(E) (1)		11:15			11:34	12 min
	F		11:16			11:27	3 min
	(2,3,4,5)	Rock 5', then 4', 4'					(Fail)

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Chert  
 TESTED BY R.P. inberg ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 min/inch TRENCH WIDTH 3  
 INLET DEPTH 3 1/2 MAXIMUM BOTTOM DEPTH 5 1/2 SQ FT/BEDROOM 240

# APPLICATION

PERCOLATION TESTING

A 511463A

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 John Avery

ADDRESS 14331 Frederick Road PHONE 410-368-3292

AGENT OR PROSPECTIVE BUYER SAME

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION AVERY PROPERTY LOT NO. 1 *Final lot!*

ROAD AND DESCRIPTION 14331 Frederick Road

TAX MAP 9 PARCEL # 97

SIZE OF LOT 1.0 Ac± TYPE BLDG. SFD  
(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.

John R. Avery  
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

A511463

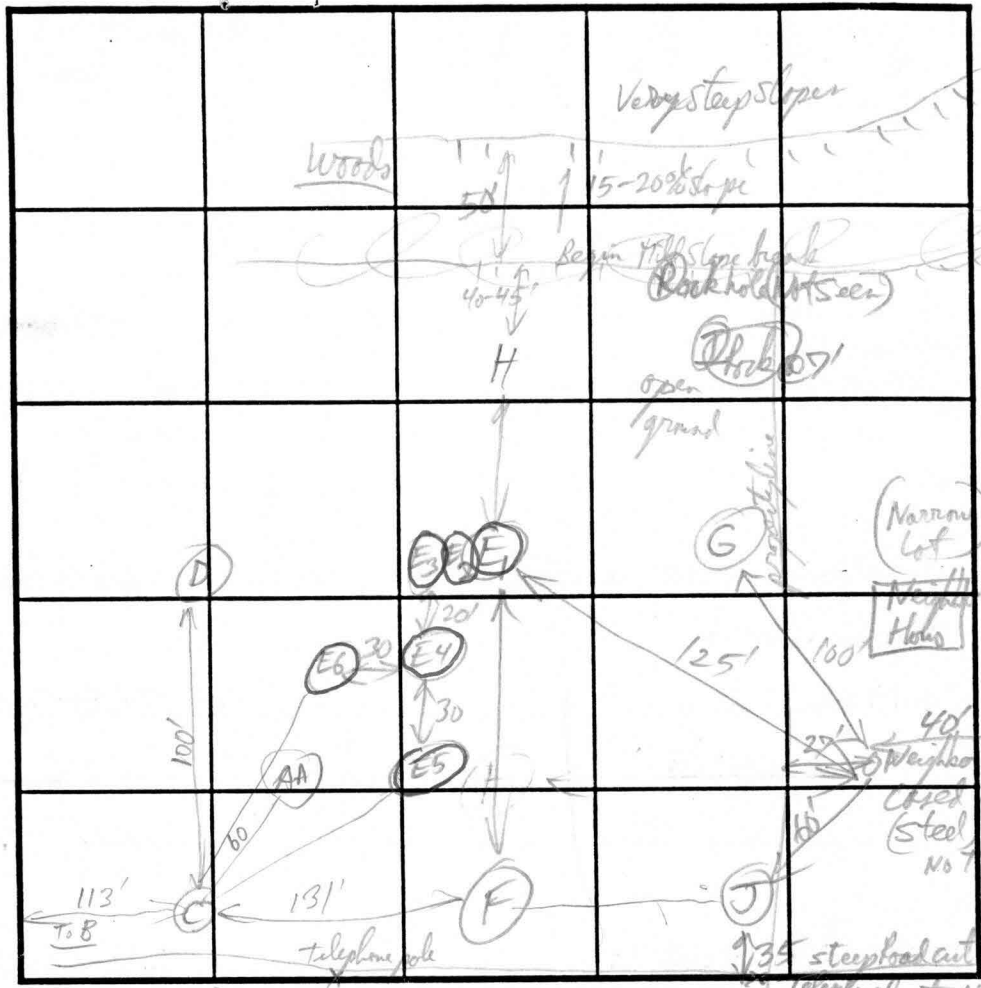
COUNTY #

SOIL PROFILE

0' 6  
 1' hd cl  
 2 1/2' Red (2 samples)  
 hSL-5L  
 10% str  
 (hard) spherule  
 fairly uniform soil thru depth

4 1/2' str-brn L  
 hd cl  
 some colors etc as  
 Test hole  
 E on lot 2

10' hd brn L  
 Red CL-hL  
 2 1/2' Mix Red Br color loam  
 3 1/2' pale red (10R 6/6) - 7% SL  
 Massive spherule to bottom



SOIL PROFILE

0' E  
 Red & Red Br  
 cl-hL  
 3' Mix Red (orange)  
 Spherule L-5L  
 20-40% Red + hard Spherule  
 70%± stones + hard Spherule  
 10'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/6/99	100' from Neighborhood 6	1/2' 5	11:30	11:35	11:35	11:45	10 min
	(H)	4'	11:35	pulled No Movement @ 11:46			
		1/2 5'	11:49	12:29 pulled only 1/2 drop			(Fail)
	(I)	1/10'	clay to 4 1/2' or 5' > 80% stones + boulders @ 7' + deeper				(Too Rocky) Fail
	J	1/13	12:15	12:20	12:20	12:29	9 min
	(E1-E6)	all too rocky begin @ 4'-5' below grade (Too Rocky) (Fail)					
7/12/99	AA	1/3' 3 1/2	11:47-2:25	2:25	2:49	2:49	24 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Chester  
 TESTED BY R. Pinilly ALSO PRESENT Jack Fynch, John Avery  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15-16 min TRENCH WIDTH 3  
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210-240  
 (at 2' + 4' 1' AA) (9' @ 6' bottom) 7/12/99

# APPLICATION

PERCOLATION TESTING

A 511463 B

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 John Avery

ADDRESS 14331 Frederick Road PHONE 410-368-3292

AGENT OR PROSPECTIVE BUYER SAME

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION EVERY PROPERTY LOT NO. 2

ROAD AND DESCRIPTION 14331 Frederick Road

TAX MAP 9 PARCEL # 97

SIZE OF LOT 1.0 Ac ± TYPE BLDG. SFD  
(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.

John R. Avery  
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

1711702

COUNTY #

SOIL PROFILE

0' *Str Brown hL East*  
 Red CL  
 2-2' *Red + hL yel mix hL-CL saprolite*  
*Red Brn + hL hL diagen (H2 granular) + hL 20%-50% L-Silica and Rock*  
 11 1/2' *Mix soil + rock*  
*potholes hard Saprolite*  
*rough looking East Fac*

10" *left hand Str Brn L*  
 Red CL-hL  
 3-4' *Red - hL brn (2-5YR 4/6-7/8) L*  
 8 1/2' *pale reddish - hL hL brn SL 15-25% rocks (cobbles) + Str Saprolite*

AA  
 3' *yellow CL*  
 5' *yellow hL*  
 7' *yellow hL L 35% stones*  
*Red Brn Micr loam 5-25% weathered rock + Str Saprolite*  
 (see percol test data on left sheet 5/12/99 pp)


SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/6/99 (125' pan North well)	E <sub>1</sub>	v 1 1/2 5	11:15	11:22	11:22	11:34	12 min
6/2	F	v 1 1/2 4'	11:16	11:22 1 1/2"	11:20	11:28	8 min
		(10' East Extent E <sub>2</sub> v E <sub>1</sub> )	very Rocky 5'-10' (Mostly Boulders - cobbles)				85%
	C	v 1/2 5'					6 min
	D	v 1/2 5'					4 min
	E <sub>3</sub>	v 8 1/2	Stoney 1-4' at, excessively stoney (60-70%) at 4-8 1/2'				F
	E <sub>4</sub>	v 8'	Too Stoney @ 5'-				
	AA	v 13' 3 1/2'					24 hpi

REMARKS *Hole E very rock below 5' on East side shall dig 10' further east to see if a pocket*  
 TYPE OF SOIL *Chert*  
 TESTED BY *PP* ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

8/14/91

# APPLICATION

PERCOLATION TESTING

A 47318  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_  
DATE 7/18/91

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOHN R. AVERY SR.

ADDRESS 14331 FREDERICK RD. PHONE 740-2100  
COOKSVILLE MD 21723 X223 (JOHN REUWER)

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION 1 LOT LOT NO 1

ROAD AND DESCRIPTION NORTH S. RT 144, SOUTH OF RT 97

TAX MAP 8 PARCEL # 97

SIZE OF LOT 1.05 AC. +/- TYPE BLDG SFD  
(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.

John C. Reuwer  
(SIGNATURE OF APPLICANT)

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

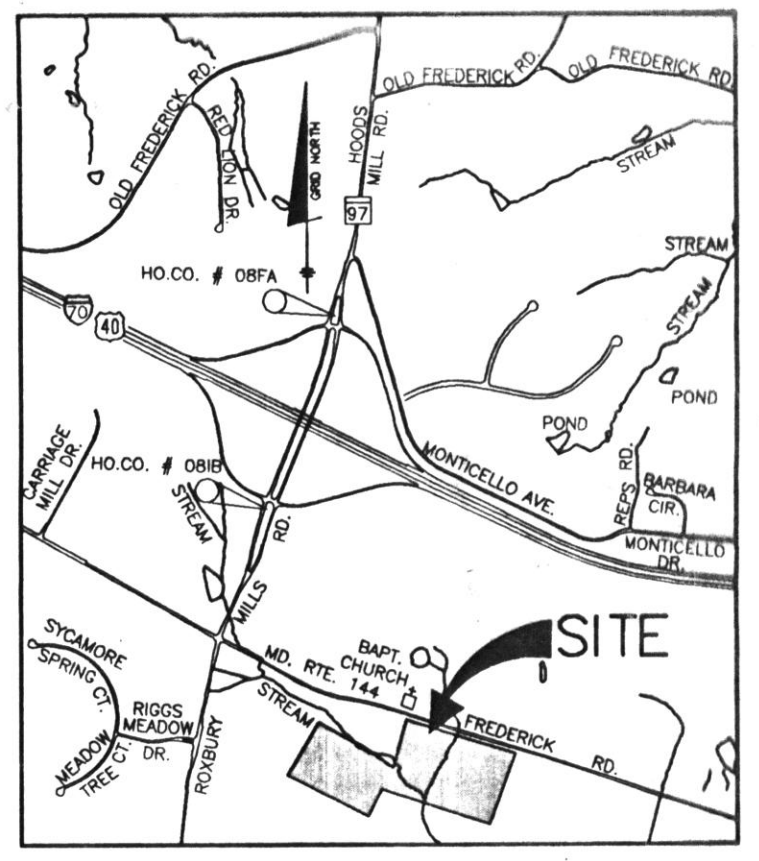
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

HD-216

# THIS IS NOT A PERMIT



VICINITY MAP  
SCALE: 1" = 2000'

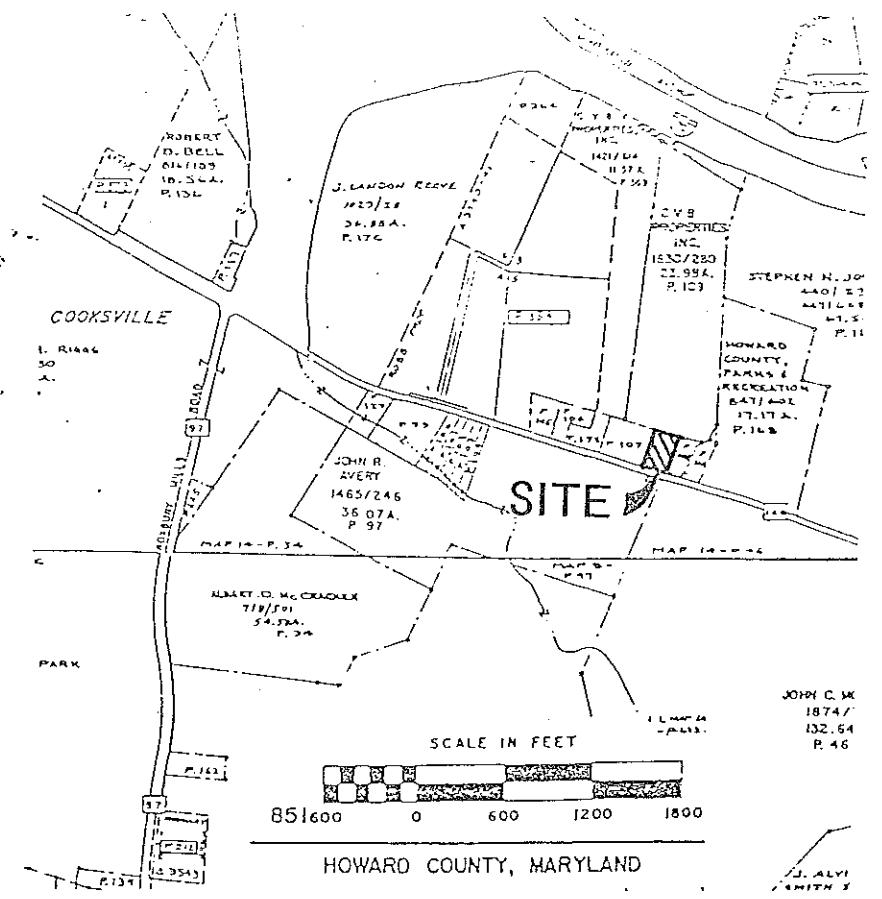
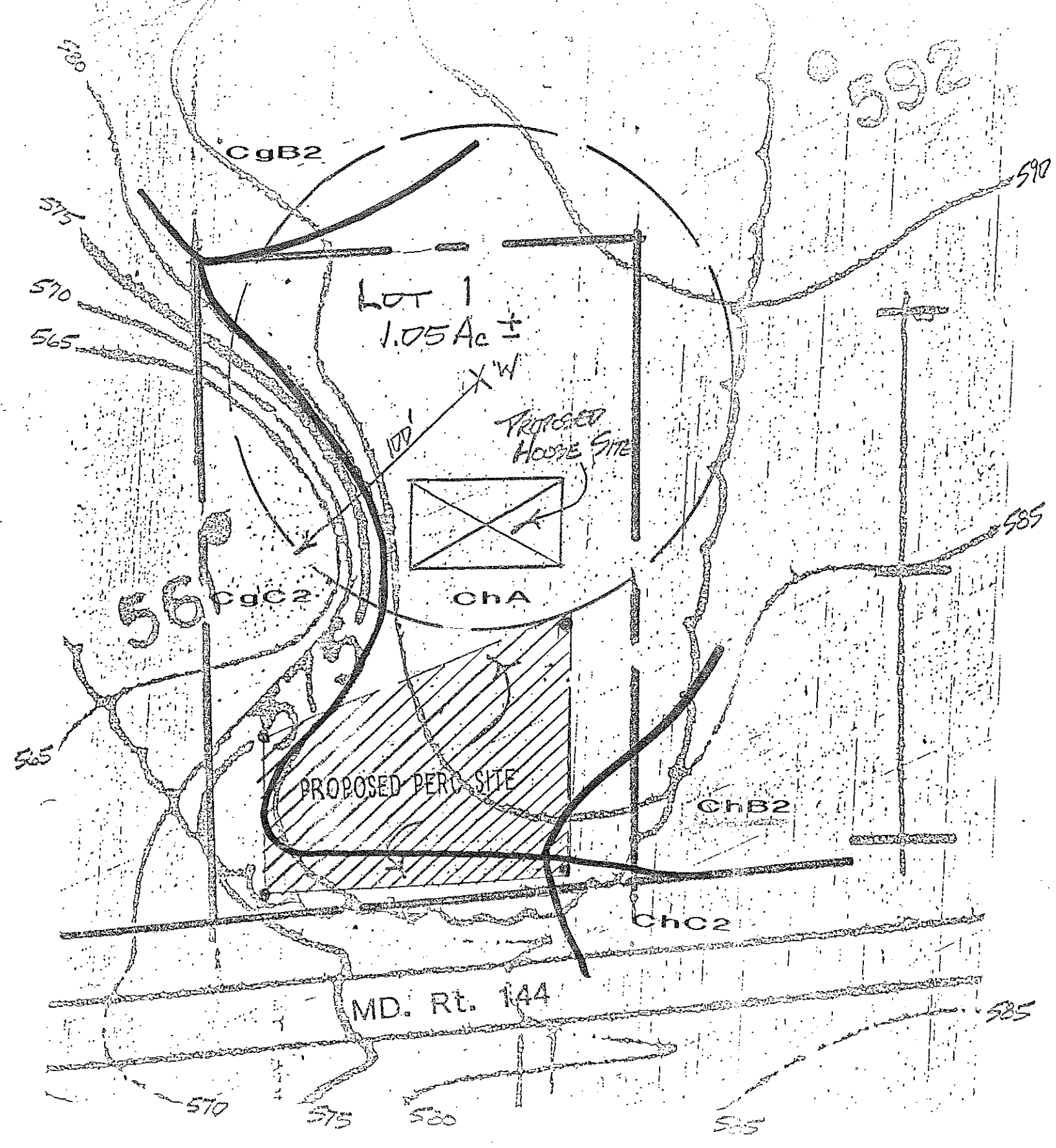


LEGEND

- EXISTING CONTOURS
- EXISTING TREELINE
- PROPOSED TREELINE
- LIMIT OF SUBMISSION
- STEEP SLOPES 15% - 24.9%
- STEEP SLOPES 25% OR GREATER
- SOILS DIVISION LINE AND TYPE
- CgB2
- SPECIMEN TREE
- PROPOSED SEPTIC FIELD
- FOREST CONSERVATION EASEMENT
- PROPOSED WELL
- PROPOSED HOUSE LOCATION

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
6480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-8644

OWNER/DEVELOPER:  JOHN R. AND AUDREY L. AVERY 14331 FREDERICK ROAD COOKSVILLE, MARYLAND 21723	PROJECT: <b>AVERY PROPERTY</b> LOTS 1 THRU 8
	LOCATION: TAX MAP 8, BLOCK 23 - PARCEL 97 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE: <b>PRELIM. PERC TEST PLAN</b>	
DATE: <u>SEPT. 1, 2000</u>	PROJECT NO. <u>1352</u>
DES: GWF DRAFT: DBT/JMC CHECK: GWF	SCALE: 1" = 100' SHEET <u>1</u> OF <u>1</u>



**PERC APPLICATION PLAN**  
**AVERY PROPERTY**



PART OF PARCEL 97  
 TAX MAP 8  
 4th Election District  
 Howard County, Maryland  
 SCALE 1" = 50'

