

# APPLICATION

56-2002  
9<sup>00</sup> am

PERCOLATION TESTING

A 516897

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/2/2002

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 Louis H. Adams

ADDRESS 14722 Dorsey Mill Road PHONE \_\_\_\_\_  
Glenwood, MD 21738

AGENT OR PROSPECTIVE BUYER S. Bruce Jaffe

ADDRESS 11028 Log Jump Trail PHONE 301-590-0222  
Ellicott City, MD 21042

PROPERTY LOCATION:

SUBDIVISION Cabin Hill LOT NO. 7

ROAD AND DESCRIPTION Kentbury Drive

TAX MAP 34 PARCEL # 300

SIZE OF LOT 1.00 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. [Signature]  
(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

516897

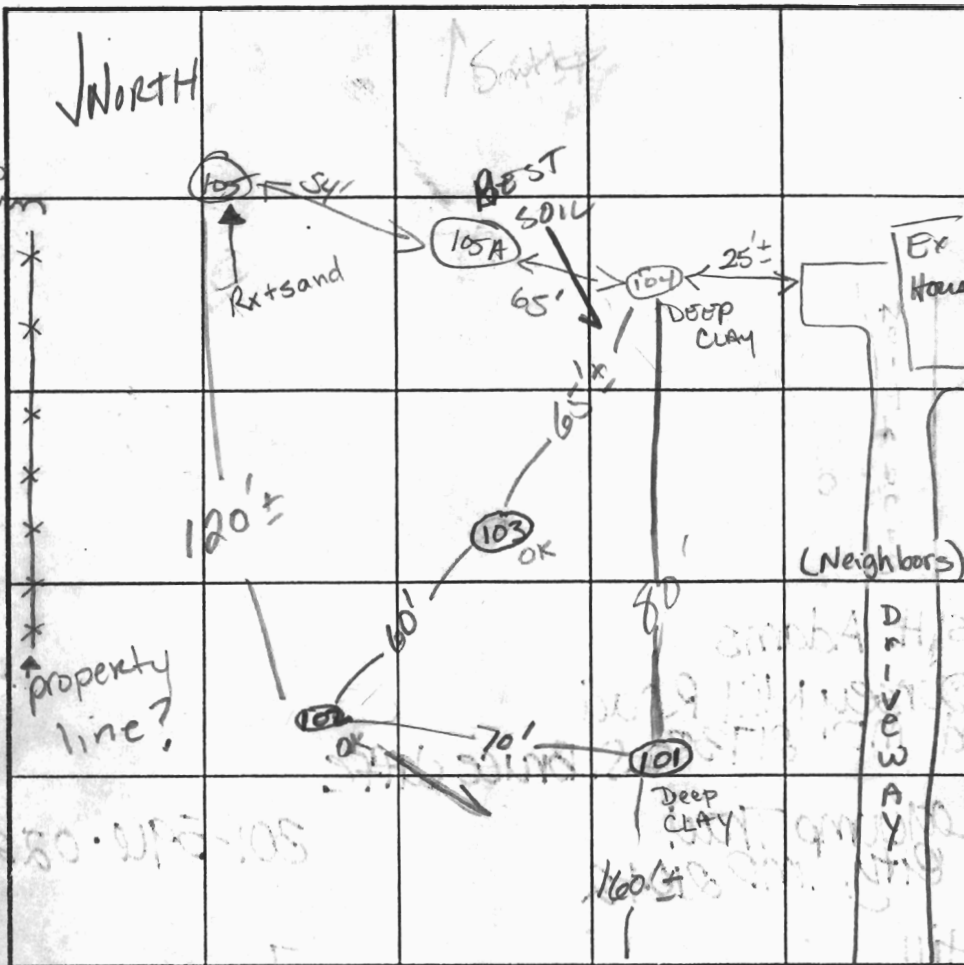
COUNTY #

SOIL PROFILE

SOIL PROFILE 102  
 0' heavy, Rx 5-10% dense rd brn str, org b  
 CLAY  
 4' micaceous Clay Lm Rx < 5%  
 5' org brn Strong brn micaceous Loamy SAND  
 16' Bottom

SOIL PROFILE 101  
 dense clay to 5 1/2 - 6'  
 Loam to 7 1/2'  
 Loamy SAND Rx < 5%  
 16' Bottom

SOIL PROFILE 105  
 Strong brn CLM 3'  
 Coarse micaceous SCLM 5 1/2'  
 35-40% Rx sandy clay loam 9'  
 Rx Frag 45-50% Platy Structure Loamy sand Hard Bottom 12'



SOIL PROFILE

SOIL PROFILE 103  
 0' micaceous SCLM Lo Brn  
 3' tan brn micaceous Loam ~15% Rx  
 10' Bottom  
 SOIL PROFILE 105A / 104  
 4' rd brn SCLM Trace Rx  
 4' Micaceous Loamy Sand 8% Rx below 10-15% Rx Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

KENTBURY DRIVE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5-6-02	102	5 1/2' S/16'	10:00	10:03:30	10:03:30	10:07:40	4 min	OK
	101	5 1/2' S / 16' V	10:11:49	reshelf - too slow				
		7' S	11:44:40	11:48:00	11:48:00	11:57	9 min	
MARGINAL	105	5 1/2' S / 12'	10:38:31	10:39:40	10:39:40	10:42:45	3 min	
		6 1/2' M	11:10:00	11:10:50	11:10:50	11:16:12	6 min	
	103	4 1/2' S / 16' V	10:55:09	10:57:35	10:57:35	11:02:41	5 min	OK
	104	5 1/2' S / 15 H.B.	11:30:51	11:39	11:39	11:52	13 min	OK
	105A	5' S / 15'	12:12:04	12:14:32	12:14:32	12:19:03	5 min	OK

REMARKS 12x12 holes Holes per plan  
 TYPE OF SOIL 102, 101, 103, 104, 105A perc times averaged  
 TESTED BY Goedeking ALSO PRESENT John + Rob Fyock  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 1/2 TRENCH WIDTH  
 INLET DEPTH 5 1/2' MAXIMUM BOTTOM DEPTH 9 1/2' SQ. FT./BEDROOM 210

*Preliminary*

# APPLICATION

A 16679

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY *Septic Tank 3 Bedrooms 1000 gallons* ELLICOTT CITY

*Dry Well to have 135 sq. ft. effective absorbent sidewall area per bedroom below first 5' of original grade + maximum depth ~~10'~~ <sup>10'</sup> ~~for dry well.~~ Inlet can come in at 4'. Location 30' in from right property and 90' from front property line when facing lot from road.*

DISTRICT 5

DATE 1/24/72

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Cabin Hill Corp.

ADDRESS Sharp Rd., Glenwood, Md. PHONE 489-4304

PROPERTY LOCATION:

SUBDIVISION Cabin Hill LOT NO. 7, Blk. B, Sect. 2

ROAD AND DESCRIPTION Unnamed road

OCCUPANT \_\_\_\_\_ PHONE \_\_\_\_\_

PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 355' x 127' x 366' x 129' TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

SIGNATURE OF APPLICANT /s/ Jack Devereux

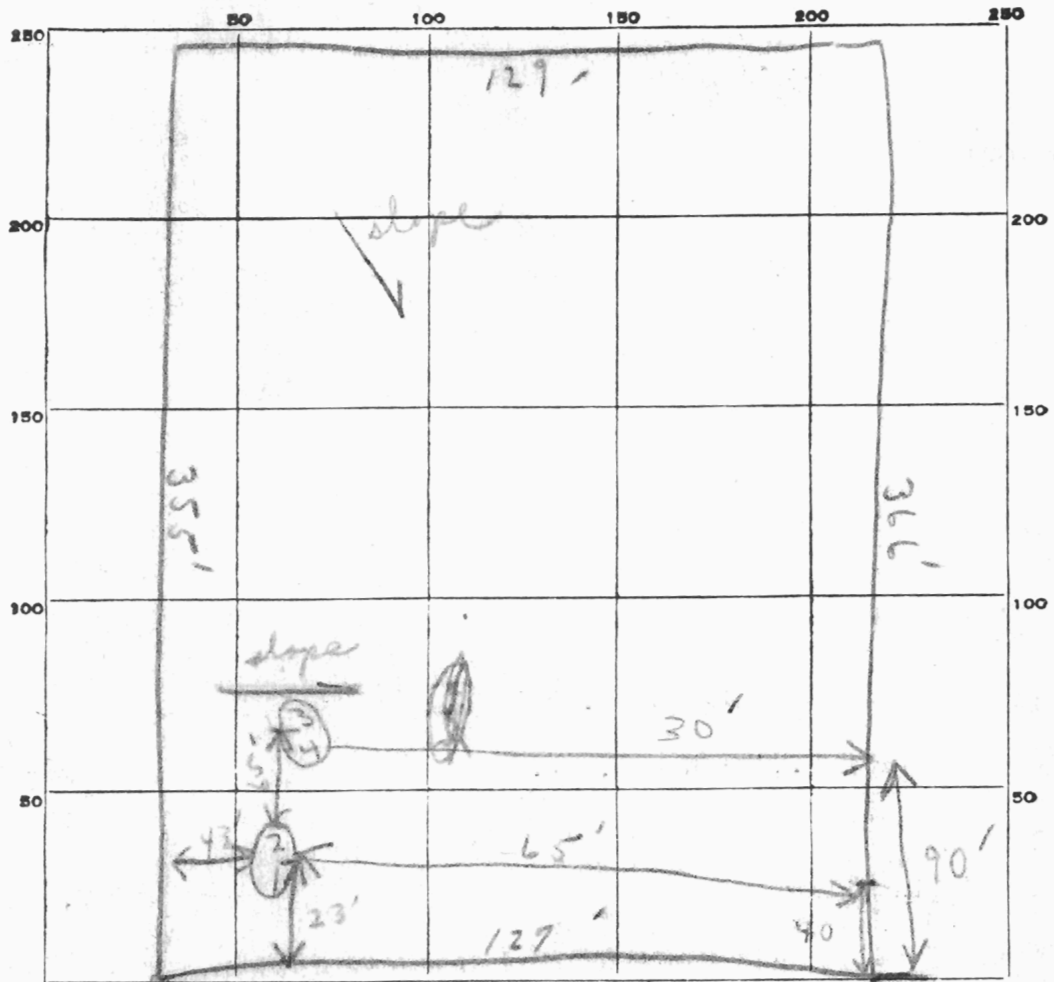
APPROVED BY C. Stecker FOR Dry Well DATE 7/4/73  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Unimproved Road Lot #7 Blk 5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/14/92	1	6'	159	2:13	2:13	2:30	19 min
	2	12'	159	2:02	2:02	2:09	5 min
	3	5'	214	2:17	2:17	2:25	8 min
	4	11 1/2'	210	2:14	2:14	2:20	6 min

SOIL AUGER FINDING \_\_\_\_\_

TESTED BY \_\_\_\_\_

REMARKS \_\_\_\_\_ (Use 3+4)

# APPLICATION

A 16679

P \_\_\_\_\_

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5

DATE 1/24/72

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 355' x 127' x 366' x 129' TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

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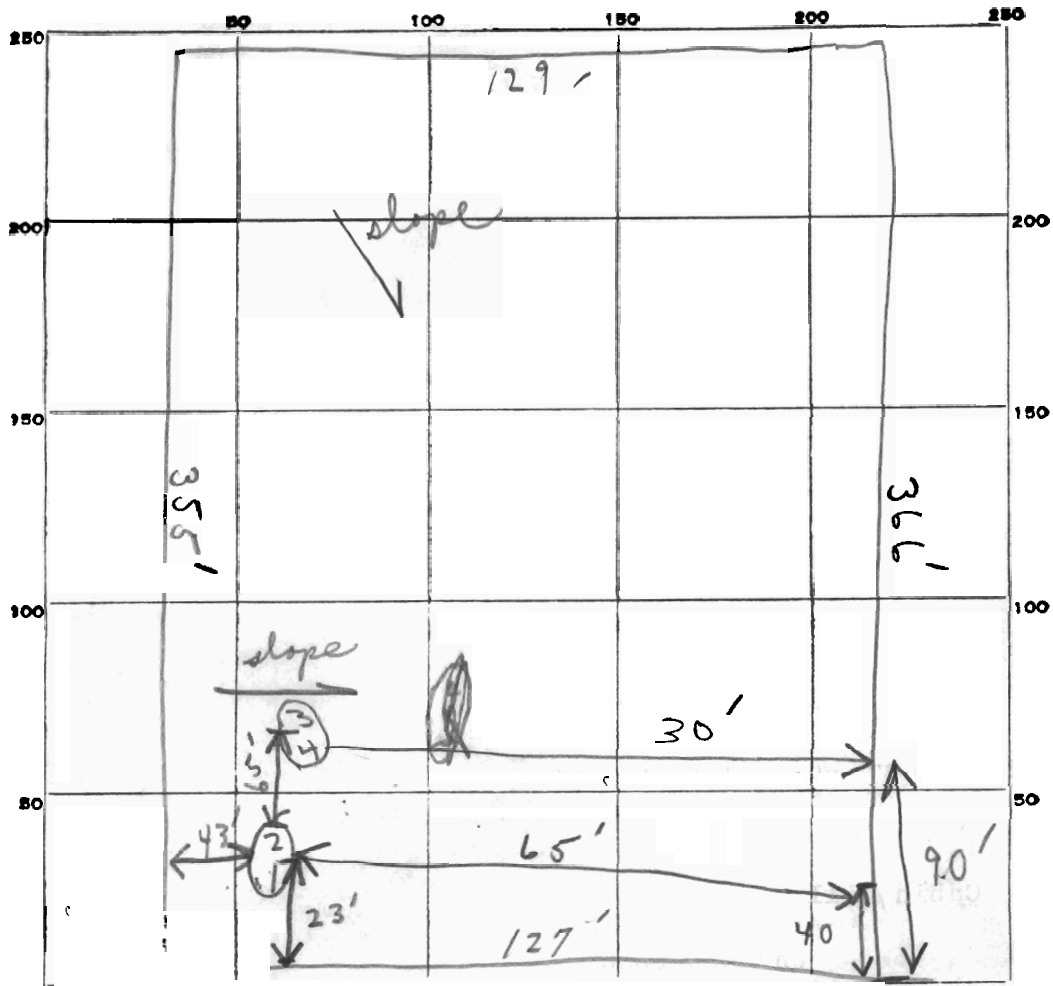
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS ASE LINE

#7 Blk B Sect

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/16/72	1	6'	159	2:13	213	230	17 min
	2	12'	159	202	202	209	5 min
	3	5'	214	217	217	225	8 min
	4	11 1/2'	210	214	214	220	6 min
						41 36	9 min
							Unleak
							4 1/2

SOIL AUGER FINDING

TESTED BY B.S.

(Use <sup>30'</sup> measurement)

REMARKS (Use Hole 3+4)

APPROVED PERC CERT

PERC. TEST DATA

NEW LOT NO	OLD LOT NO	BLOCK	AVERAGE PERCOLATION TIME IN MINUTES FOR SECOND INCH	MAXIMUM DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST
3	3	A	7MIN.	3'
4	4	A	8MIN.	5'
5	5	A	8MIN.	5 1/2'
6	6	A	12MIN.	5 1/2'
1	11	B	8MIN.	4 1/2'
2	12	B	6MIN.	3 1/2'
3	13	B	7MIN.	4'
4	14	B	10MIN.	4'

APPROVED: FOR INDIVIDUAL SEWAGE AND WATER SYSTEMS.

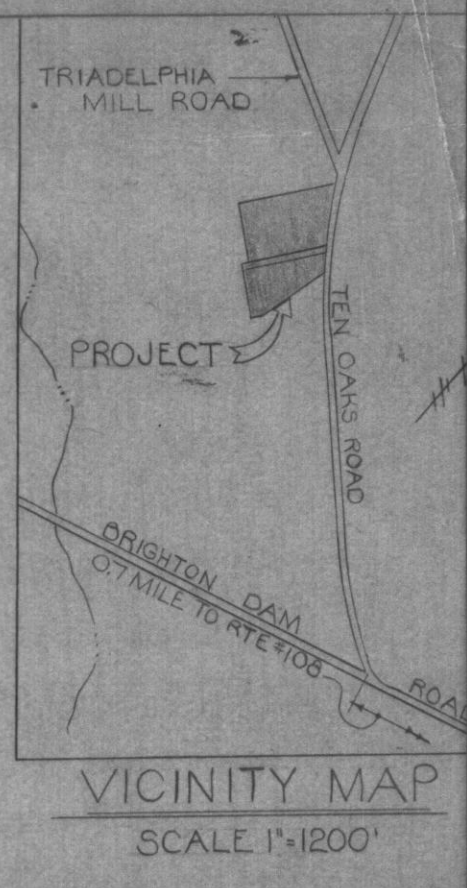
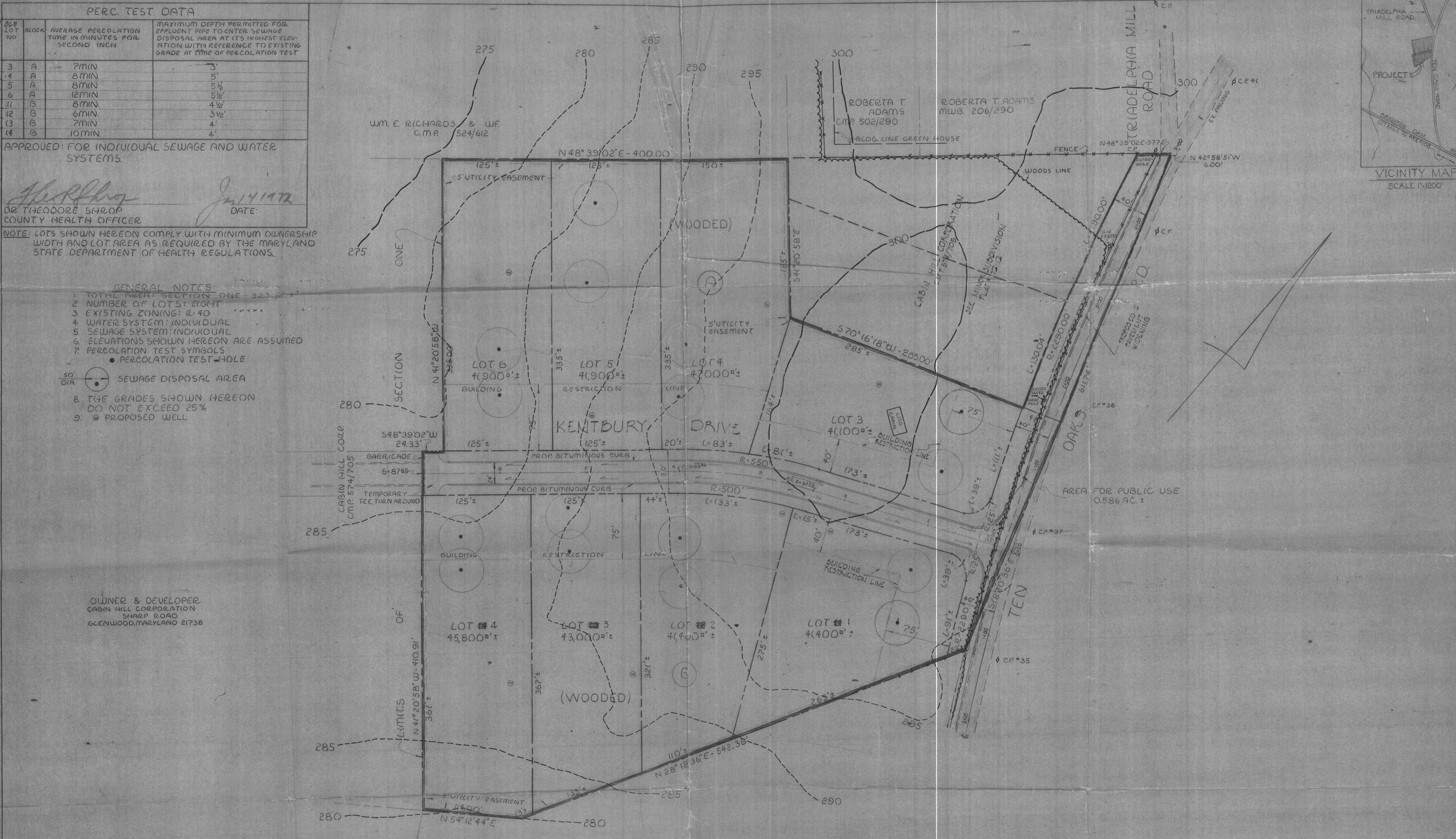
*Theodore Sharp*  
DR THEODORE SHARP  
COUNTY HEALTH OFFICER  
DATE: *July 14 1972*

NOTE: LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH REGULATIONS.

GENERAL NOTES:

- TOTAL AREA: SECTION ONE - 323 AC.
- NUMBER OF LOTS: EIGHT
- EXISTING ZONING: R-40
- WATER SYSTEM: INDIVIDUAL
- SEWAGE SYSTEM: INDIVIDUAL
- ELEVATIONS SHOWN HEREON ARE ASSUMED
- PERCOLATION TEST SYMBOLS
  - PERCOLATION TEST HOLE
- 50' DIA. ● SEWAGE DISPOSAL AREA
- THE GRADES SHOWN HEREON DO NOT EXCEED 25%
- ⊙ PROPOSED WELL

OWNER & DEVELOPER  
CABIN HILL CORPORATION  
SHARP ROAD  
GLENWOOD, MARYLAND 21738



TENTATIVE APPROVAL  
OFFICE OF THE BOARD OF HEALTH  
DATE: *July 21 1972*  
*Thomas J. Hanis*

PRELIMINARY PLAN  
SECTION ONE

CABIN HILL  
FIFTH ELECT. DIST. • HOWARD CO., MD  
AUGUST 1971  
SCALE 1" = 50'

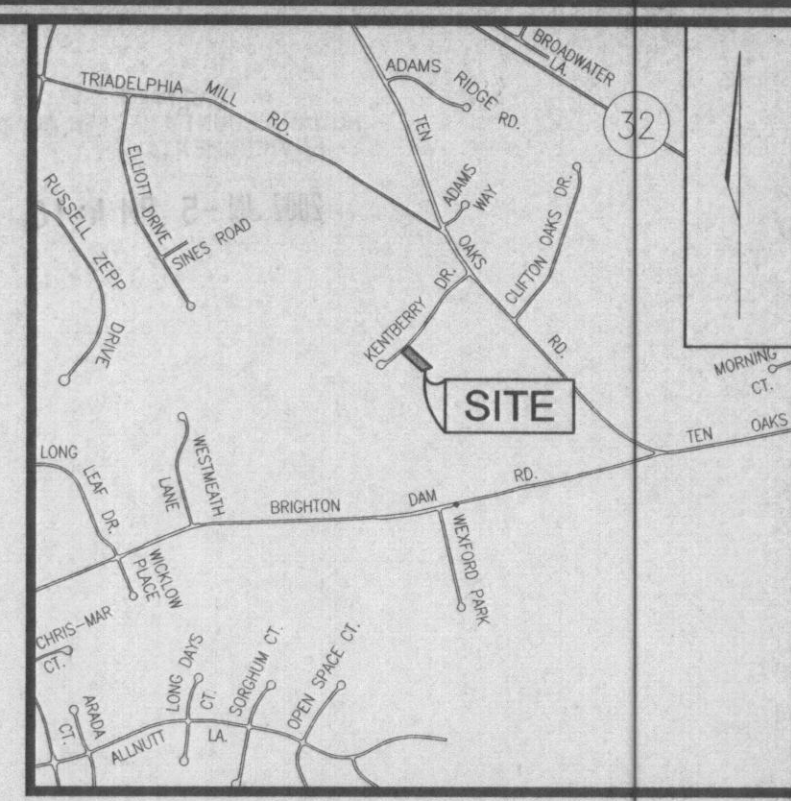
PURDUM & JESCHKE  
ENGINEERS AND LAND SURVEYORS  
3697 PARK AVE.  
ELICOTT CITY, MARYLAND 21043

DATE: *12/30/71*  
*William G. Rasch II*  
WILLIAM G. RASCH II - REG. NO - 4575





PLAN  
SCALE: 1"=30'



VICINITY MAP  
SCALE: 1"=2000'

GENERAL NOTES

1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON AERIAL PHOTOGRAPHY AND HOWARD COUNTY PHOTOGRAMETRIC MAPS.
2. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD PLAT NO. 2590
3. EXISTING SEPTIC LOCATIONS SHOWN ARE BASED ON HOWARD COUNTY HEALTH DEPARTMENT RECORDS.
4. ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
5. APPLICATION NO. A516897 PERC LOCATIONS ARE BASED ON PERC TESTING DATED MAY 6, 2002 AND ARE FIELD LOCATED.

LEGEND

- EXISTING 2 FOOT CONTOUR
- EXISTING 10 FOOT CONTOUR
- PASSED PERCOLATION TEST HOLE
- FAILED PERCOLATION TEST HOLE
- SOILS TYPE
- PROPOSED WELL AREA
- EXISTING OFFSITE WELL LOCATION
- PROPOSED INDIVIDUAL SEPTIC AREA

THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS DISPOSAL AREA SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChA	CHESTER SILT LOAM, 0 TO 3 PERCENT SLOPES	B
CgB2	CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
G1C2	CHESTER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
G1B2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
G1C2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
M1D2	MANOR LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	B
MgB2	MANOR GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B

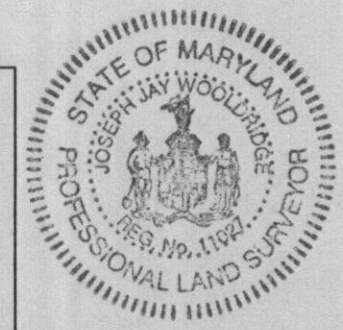
NOTE: HOWARD SOIL SURVEY PAGE 23.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

*Joseph Jay Woolldridge*  
COUNTY HEALTH OFFICER

PERCOLATION CERTIFICATION:  
I CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE BASED ON A FIELD LOCATION DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*Joseph Jay Woolldridge*  
JOSEPH JAY WOOLDRIDGE, PROFESSIONAL LAND SURVEYOR



PERCOLATION PLAN  
(CERTIFICATION)  
CABIN HILL  
LOT 7  
TAX MAP 34 PARCEL 300  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**FREDERICK WARD ASSOCIATES, INC.**  
ENGINEERS | 7125 Riverwood Drive Columbia, Maryland 21046-2354  
ARCHITECTS | Phone: 410-290-9550 Fax: 410-720-6226  
SURVEYORS | Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: JT  
DRAWN BY: JT  
CHECKED BY: RHY  
DATE: MAR. 29, 2002  
SCALE: 1"=30'  
W.O. NO.: 2024049.00  
1 SHEET OF 1