

4/14/02
10:00

APPLICATION

PERCOLATION TESTING

A 516489

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

~~Tenant House~~
~~on Ex. parcel~~
~~of record~~

P _____
DISTRICT FOURTH

DATE JANUARY 25, 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 J. THOMAS SCRIVENER

ADDRESS JENNINGS CHAPEL ROAD BROOKVILLE MD. PHONE 410 964 5522

AGENT OR PROSPECTIVE BUYER J. THOMAS SCRIVENER

ADDRESS JENNINGS CHAPEL ROAD BROOKVILLE MD. PHONE 410 964 5522

PROPERTY LOCATION:

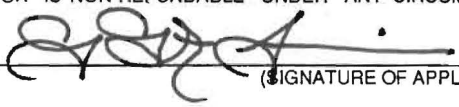
SUBDIVISION PROPERTY OF J. THOMAS SCRIVENER LOT NO. ~~PARCEL A~~ Lot 3

ROAD AND DESCRIPTION 5600'± NORTHWEST FROM THE INTERSECTION OF MARYLAND ROUTE 97 AND JENNINGS CHAPEL ROAD.

TAX MAP 20 PARCEL # 35

SIZE OF LOT 73.4 A.± TYPE BLDG. SINGLE FAMILY DWELING
(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 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

COUNTY #

SOIL PROFILE

0' **1**
 Red Br Loam 3'
 Or Br Sa Loam 4'
 Or Br and Tan Sa Loams 8'
 Tan Sa Loam 10-15% Rock 12.5'
 25-30% Rock 13.5'

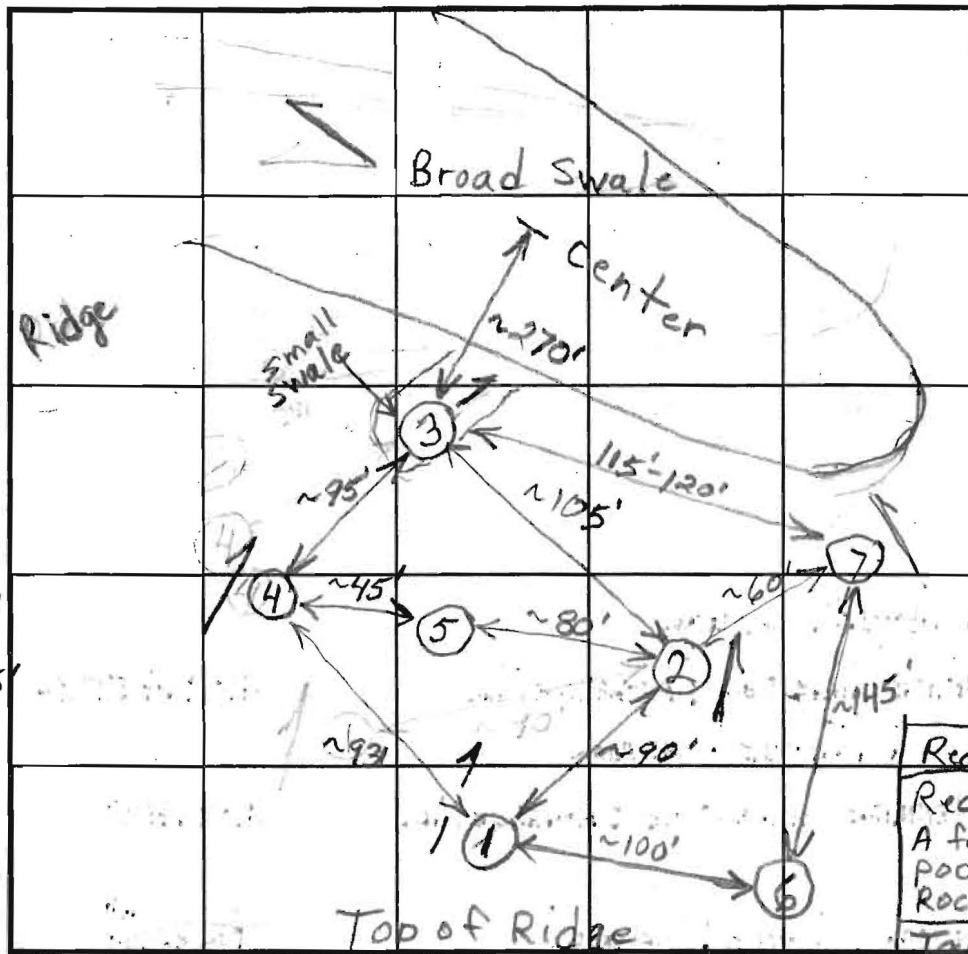
2
 Red Br Heavy Loam 3'
 Or Br Sa Loam 4'
 Tan Sa Loam 5-10% Rock 13.5'

3
 Red Br Heavy Loam 3'
 Or Br Sa Loam 10-15% Rock 6'
 Tan Sa Loam Some Pockets of 20-30% Rock 20-25% Rock Average 14.5'

SOIL PROFILE

0' **4**
 Red Br Loam 4'
 Red Br Sa Loam One 2-3' Wide Vein of rock that varies between 40-70% Rock From 4.5' To Bottom 20-25% Rock avg 13.5'

5
 Red Br Loam 3'
 Red Br Sa Loam A few small pockets of ~20% Rock 7-7.5'
 Tan Sa Loam A large pocket of ~25-30% Rock 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Jennings Chapel Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/11/02	1	4' / 13.5'	10:05	10:10:30	10:10:30	10:19	8 1/2
		6.5'	10:04	10:07	10:07	10:12	5
	2	4.5-5' / 13.5'	10:23	10:29	10:29	10:40	11
		7-7.5'	10:22:30	10:25:30	10:25:30	10:30:30	5
	3	4.5' / 14.5'	10:44	10:48	10:48	10:54:30	6 1/2
		8"	10:43:30	10:48	10:48	10:54	6
	4	4.5' / 13.5'	11:09	11:18	11:18	11:31	13
		7.5'	11:09:30	11:11	11:11	11:15:30	4 1/2
		Tested Above Rock 8.0'	11:53	11:57	11:57	12:04	7
	5	7.5-8' / 14'	12:14	12:16	12:16	12:20	4

REMARKS: Shallow System Only - Move off of
 TYPE OF SOIL: Hole 4
 TESTED BY: B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 TRENCH WIDTH 3
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 210

APPLICATION

PERCOLATION TESTING

A 516489

P _____

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

DISTRICT _____

DATE 1/25/02

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 J. Thomas Scrivener

ADDRESS Jennings Chapel Road PHONE (410) 964-5522

AGENT OR PROSPECTIVE BUYER Same

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Property of J. Thomas Scrivener LOT NO. FLot 31

ROAD AND DESCRIPTION 5600' N.W. of the intersection of Rt. 97 and
Jennings Chapel Road

TAX MAP 20 PARCEL # 35

SIZE OF LOT 73.4 Acres 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.

(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

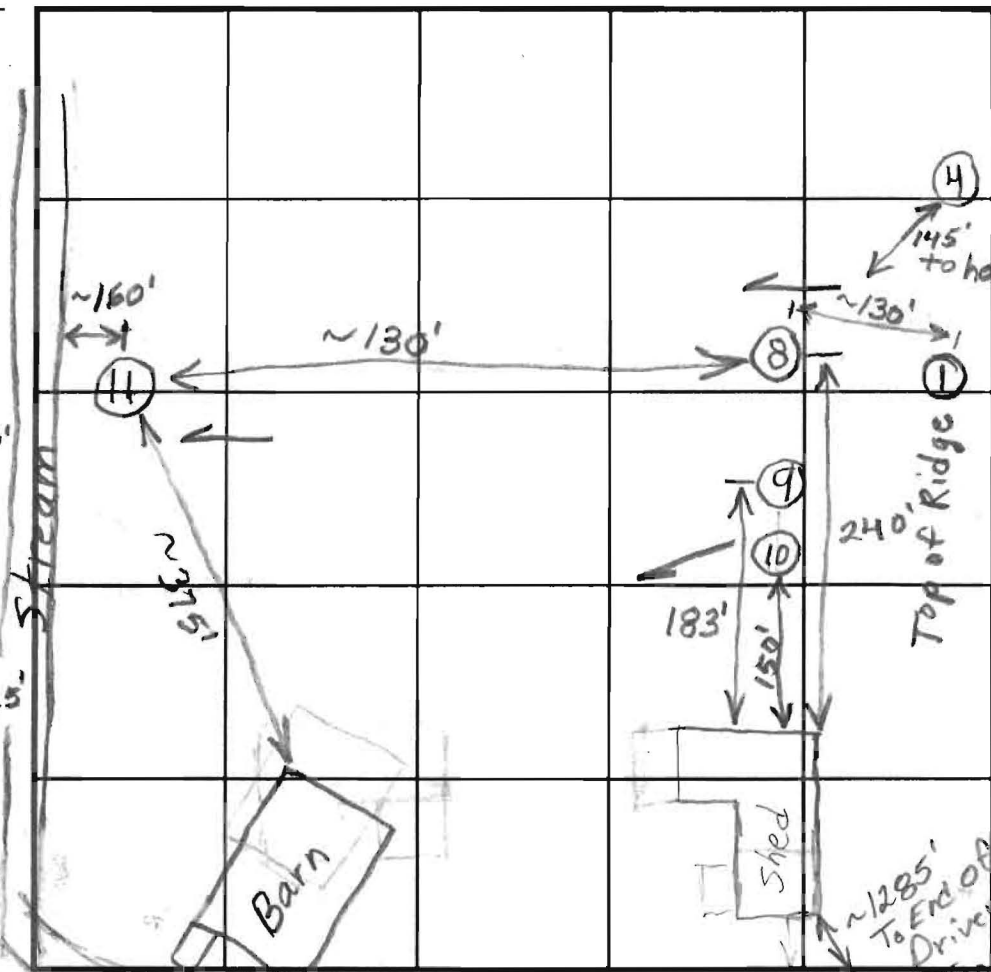
COUNTY #

SOIL PROFILE

0' **6**
 Red Br Heavy Loam 3'
 Tan Sa Loam ~10% Rock
 10' Large Pocket of ~40% Rock to Bottom
 13.5'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

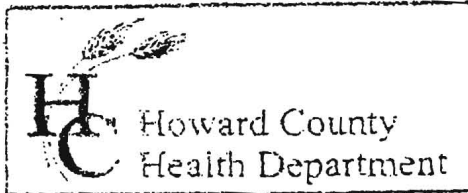
Jennings Chapel Road

7
 Red Br Heavy Loam 3'
 Beige Sa Loam One Small Pocket of ~40% Rock from 7'-9'
 12.5' 1 med. sized pocket of ~40% Rock To Bottom 14'

8
 Red Br Loam ~5% Rock 5.5'
 Or Br Sa Loam 10-15% Rock 8.5'
 Tan Sa Loam ~15-20% Rock 10.5'
 >50% Rock Hard Bottom 11'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/11/02	6	13.5' V					O.K.
	7	14' V					O.K.
	9	3' V Hard Bottom					(F)
	10	4.5' V Hard Bottom					(F)
	11	6' V Hard Bottom					(F)
	8	11' V Hard Bottom					

REMARKS Show Existing Barn and Shed on Plan
 TYPE OF SOIL Shallow System Only
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



3525 H Ellicott Mills Drive, Ellicott City, MD 21043

(410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

July 15, 2003

J. Thomas Scrivener
8808 Center Park Drive
Columbia, MD 21045

RE: Percolation Test Results – A515288
Scrivener Property, Lot 2
Jennings Chapel Road

Dear Mr. Scrivener:

Percolation testing conducted July 17, 2001 on the referenced property indicated satisfactory soil conditions, although some deep clay layers were encountered to the west and south. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the proposed house
- 3) three well sites or 1500 ft² of approvable well zone
- 4) the proposed sewage easement and lot lines
- 5) a note must be included certifying that all existing wells and septic systems within 100 feet of proposed property boundaries have been shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 515288)

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

A handwritten signature in black ink that reads 'Mark E. Rifkin'.

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Fisher Collins and Carter
File

COUNTY #

SOIL PROFILE

①
brn
orgr tan
s/c l/m

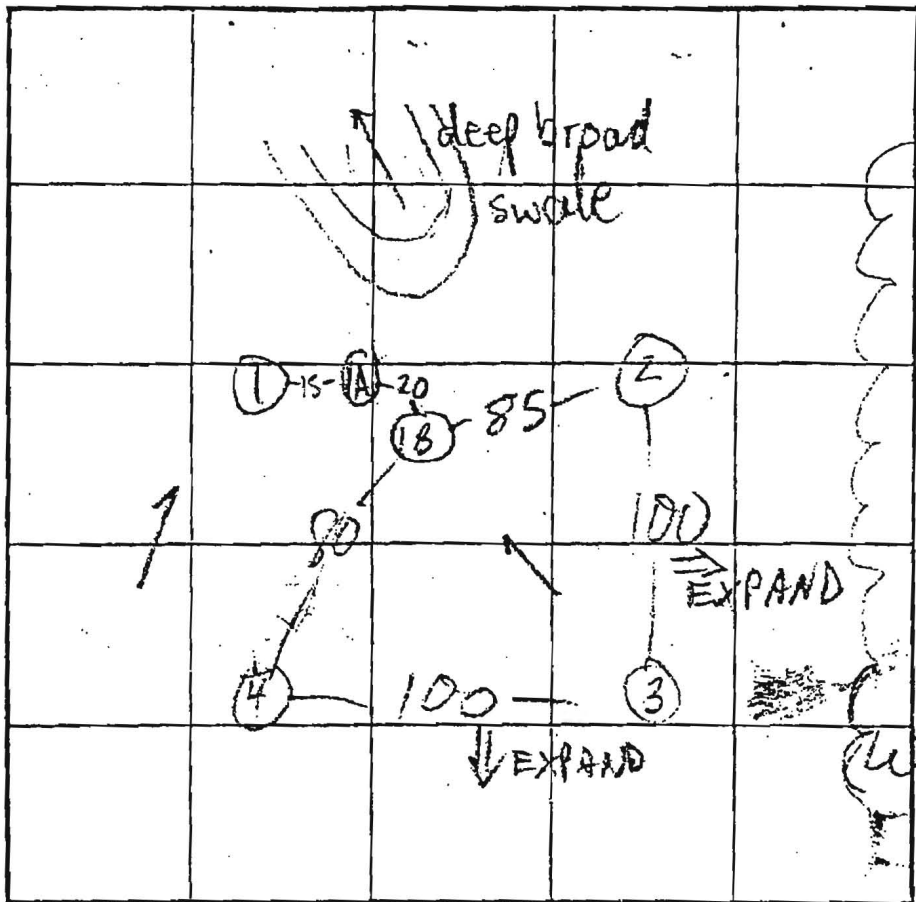
dark orgr
s/c l/m
10-15%
frags

②
brn orgr
s/c l/m

tan
brn yel
s/c l/m
15-20%
frags

③
brn orgr
s/c l/m

tan
pink
s/c l/m
15%
frags



SOIL PROFILE

④ 1B
orgr brn
s/c l/m

5 1/2
tan
pink
s/c l/m
15%
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. JENNINGS CHAPEL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/17/01	1	5 1/2	10:29	10:37	SLOW	1/2"		
	1	14 1/2	DK s/c e profile					
	2	5 1/2	10:34	10:38	10:38	10:44	6	
	2	14						
	1A	4 1/2	10:48	10:56	SLOW	3/4"		
	1A	5 1/2	11:06	11:14	SLOW	1/4"		
	3	5	10:54	10:59	10:59	11:04	5	
	3	14						
	4	6	11:10	11:17	11:17	11:30	13	
	4	14						
	1B	6 1/2	11:22	11:32	11:32	11:41	16	
		6 1/2	11:36	11:41	11:41	11:57		

REMARKS TOPD DIFFERENT THAN PLAN

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

60482

PARCEL "A"
73.4 A.C. ±

GIBa

GIA

PROPOSED
WELLS

130' ±

5 Test
Holes

EX.
BARN

GICa

GIBa

