

APPLICATION

PERCOLATION TESTING

A 515330

100ft per bedroom

P _____

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

DISTRICT _____

DATE 7-10-01

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 Wm L. SWANN

ADDRESS 13015 ROUTE 108 PHONE 301 854 0716
HIGHLAND, MD.

AGENT OR PROSPECTIVE BUYER NA

ADDRESS NA PHONE NA

PROPERTY LOCATION:

SUBDIVISION FARM LOT NO. 78 AC

ROAD AND DESCRIPTION NORTHEAST CORNER OF FARM FRONTING
SOUTH SIDE OF ROUTE 108 (1 MILE EAST OF RT. 216)

TAX MAP 34 PARCEL # 215/224 PARCEL 91

SIZE OF LOT 78 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. Wm Swann 7/10/01
(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

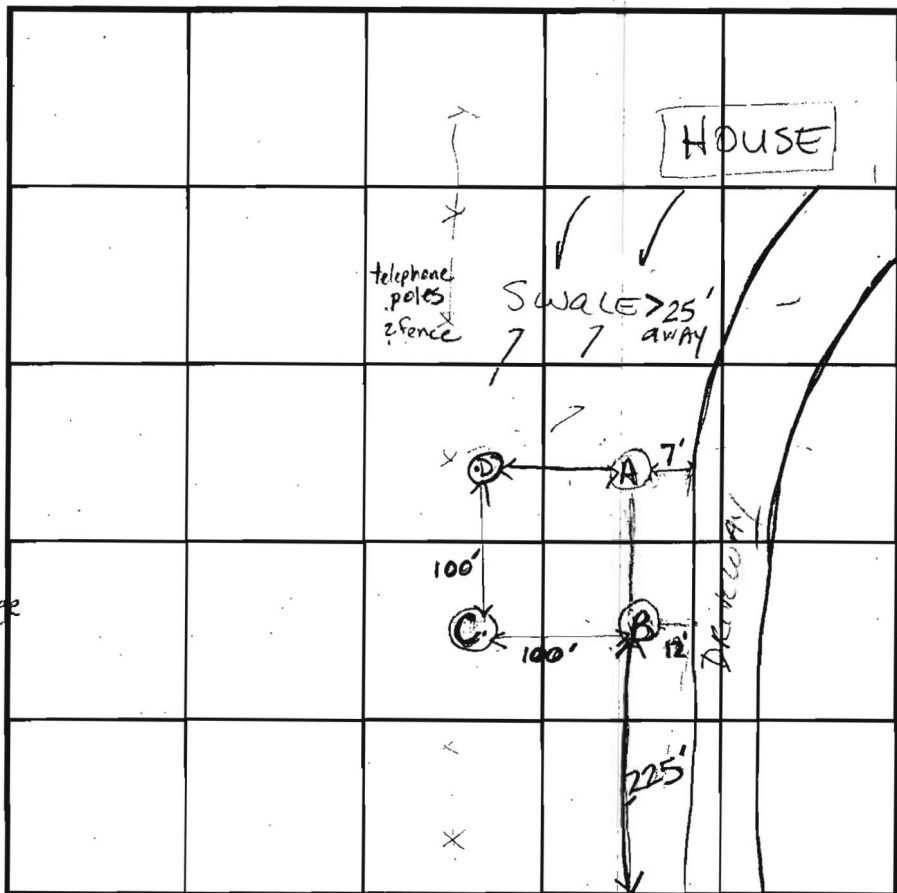
0' Topsoil
 1' Rd brn CLAY
 2' Eg rock mica Frag 25% 30%
 4 1/2' Rd brn CLM
 6' Lt beige rd brn tan yellow Si lm 10-15% Saprolite SANDY LM
 10' Bottom Lt beige
 13'

(B)

1' Topsoil
 1' DK Rd Brn HEAVY CL
 2' Saprolite 10-30%
 5' Si CLM rd brn Lt beige
 7' Si lm Lt beige yellow
 10' Bottom

(C)

4-6" Topsoil
 4-6" Rd brn HEAVY CL
 7' Lt beige Si lm Saprolite 25-35%
 1 1/2' Bottom



SOIL PROFILE

0' (D) Topsoil
 4-6" Rd brn HVY CL
 6-7' beige Si lm 10-20% Saprolite
 13' Bottom

Note - would strongly recommend more for SDA - wanting 4-5 beds

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-23-01	(A)	4 1/2' S	10:43 am	Pulled @ 11:05 am	1st inch	> 30 min	FAIL
		6' S	11:27 am	11:49 am	11:49 am	12:18	29 min OK
		7' S	12:47 pm	1:01 pm	1:01 pm	1:28 pm	29 min OK
	(B)	7' S	SEE PROFILE		→		→
		12' 10" D	→		→		PASS @ 29 min
	(C)	7' S	1:04 p.m.	1:11 p.m.	1:11 p.m.	1:23 p.m.	12 min PASS
		11 1/2' D	→		→		→
	(D)	7' S	1:41 pm	1:48 pm	1:48 pm	1:58	10 min PASS
		13' D	→		→		→

REMARKS Mr. Swann said idea of 4-5 bdrm house.

TYPE OF SOIL Homogeneous holes (see profiles)

TESTED BY Goedeking, Kacie

ALSO PRESENT Earnest Carr & Steve K.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 21 min

TRENCH WIDTH 3

INLET DEPTH 5

MAXIMUM BOTTOM DEPTH 7

SQ. FT./BEDROOM 210

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

DISTRICT _____

DATE 7-10-01

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Wm L. SWANN

ADDRESS 13015 ROUTE 108 PHONE 301-854 0716
HIGHLAND, MD. NA 301-854-2608

AGENT OR PROSPECTIVE BUYER NA

ADDRESS NA PHONE NA

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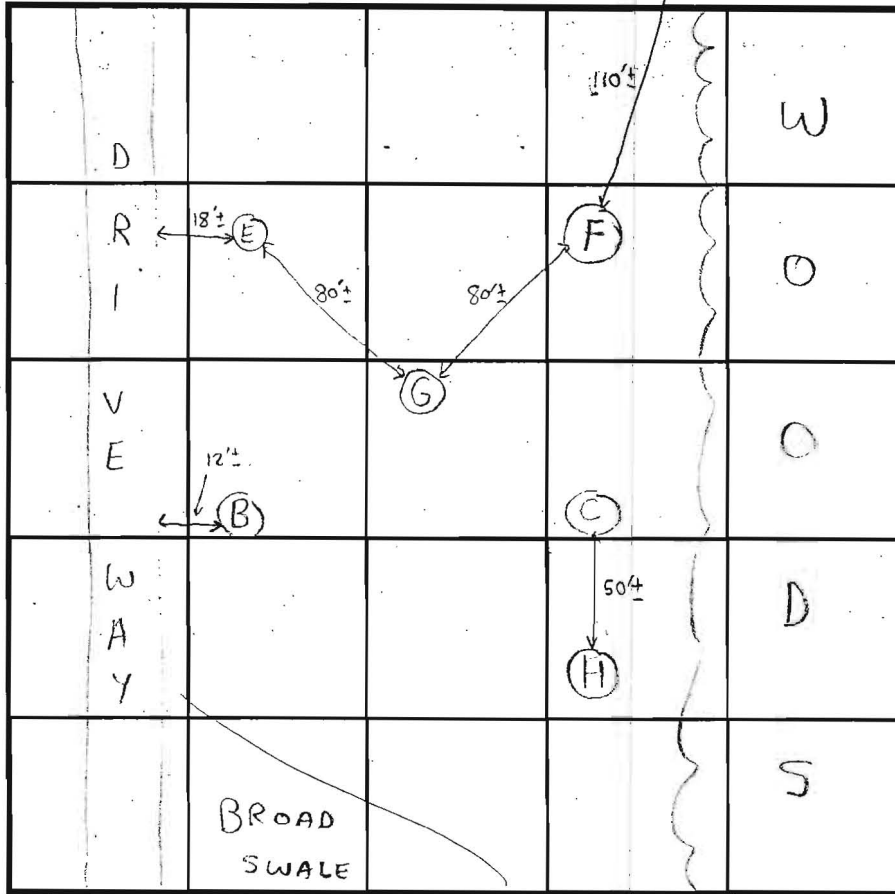
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THIS IS NOT A PERMIT

RT 108 ← proposed well site



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/25/01	E	7' S 14' V	11:47:30am	11:49:15am	11:49:15am	11:51:45am	2min
	F	7' S 14' V	12:09:45am	12:13pm	12:13pm	12:21pm	3min
	G	7' S 14' V	12:34:45pm	12:38pm	12:38pm	12:44pm	6min
	H	14' V / (VISUAL OK)			SEE SOIL PROFILE		

REMARKS B&C previously tested

TYPE OF SOIL

TESTED BY SRK & KG

ALSO PRESENT Ernie from Whitworth

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 TRENCH WIDTH 3'

INLET DEPTH 5' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 210

COUNTY #

SOIL PROFILE E

0' brown topsoil
6-12" red-brn clay loam
1-5' tan-brown loam pocket of weathered rock 5-10%
14'

F

6-8" brown topsoil
dark red-brown clay loam - to heavy loam
4'6" tan-beige sandy loam
5-10% weathered rock
14' HARD

G

6-12" brown topsoil
red brown loam
3' tan-gritty sandy loam "playground" like texture
5-10% weathered
14'

SOIL PROFILE H

0' brown topsoil
4" red-brown loam
6' tan-brown sandy loam
8' 20-30% quartzite w/ blk manganese concretions
10' tan-sandy loam
14'

TO CLARKSVILLE →

ROUTE 108



This area designates a private sewage easement of at least 10,000 sq.ft. 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 sewerage is available and servicing any residential structures constructed on this building site. This easement shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

All percolation test holes have been field located and shown as ⊙

Percolation test holes shown as ⊗ indicate failed test holes.

All wells and septic systems within 100' of property lines have been shown.

Topography shown in the vicinity of the proposed septic easement reflects field run elevation.

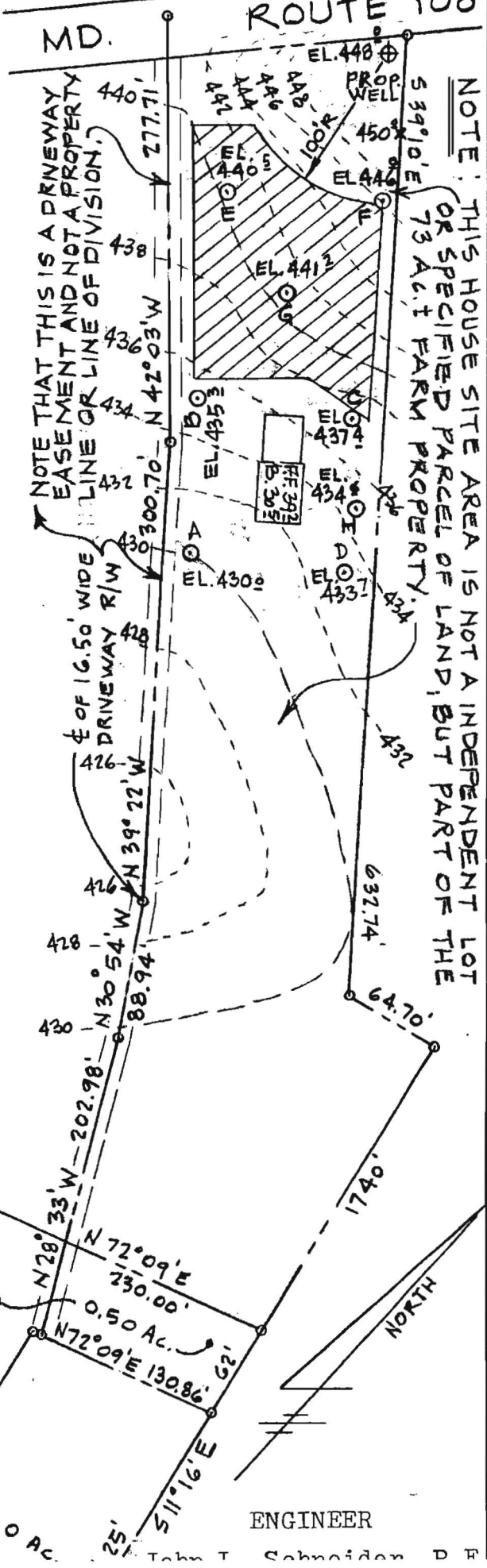
APPROVED: For private water and sewer
 HOWARD COUNTY HEALTH DEPARTMENT
Dean L. Matney M.P.H. S.S. 10/25/01
 HOWARD COUNTY HEALTH OFFICER DATE

OK SRM 10/25/01

The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland State Department of the Environment.

PROPERTY OWNER
 William L. Swann
 13015 Md. Route 108

ENGINEER
 John T. Schneider P.E.



NOTE: THIS HOUSE SITE AREA IS NOT AN INDEPENDENT LOT OR SPECIFIED PARCEL OF LAND, BUT PART OF THE 73 AC. FARM PROPERTY.

WELL LINE

TO CLARKSVILLE →

ROUTE 108

MD.

Approved Septic System Plan
Howard County Health Department

Steven R. King 12/14/01
Signature Date

SEPTIC DATA		
HOUSE F.F.		439.3
" B.		430.6
" SEWER INV.		429.0
SEPTIC INV IN.		428.6
TANK INV. OUT.		428.3
" FIN. GR.		432.3
DISTR. " "		443.5
BOX INV. IN		440.5
WATER EX. GR.		448.0
WELL FIN. " "		
PUMP TANK INV IN.		428.1

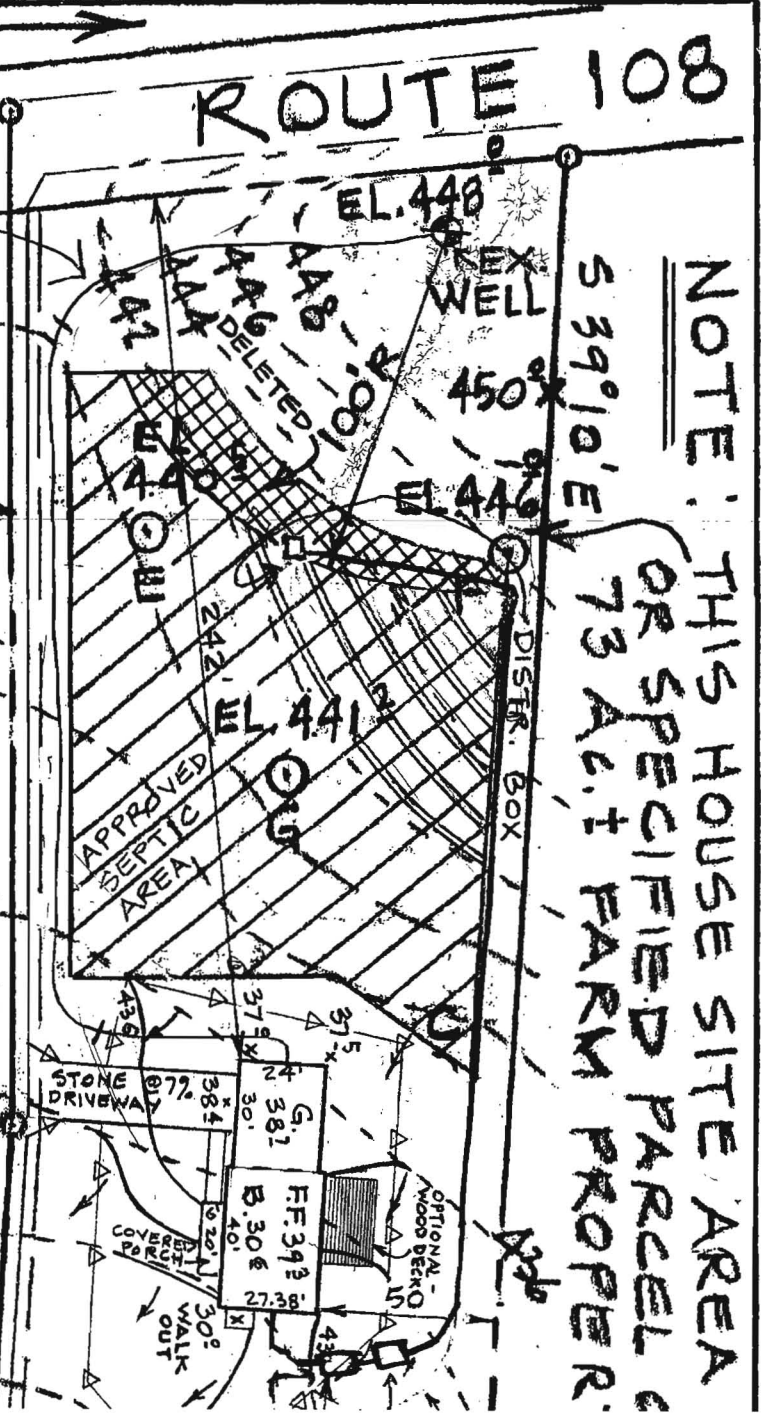
NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME

NOTE THAT THIS IS A DRIVEWAY EASEMENT AND NOT A PROPERTY LINE OR LINE OF DIVISION.

EX. PAVED DRIVEWAY

440' 277.71'

436' 434' 432' 430' 300.70' N 42.03' W



NOTE: THIS HOUSE SITE AREA OR SPECIFIED PARCEL IS 73 AC. ± FARM PROPER.

11/12/01/50/20