

APPLICATION

PERCOLATION TESTING

A 50935

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 Robert Buice

ADDRESS 7979 Muncaster Mill Rd PHONE _____

AGENT OR PROSPECTIVE BUYER Don Bauer

ADDRESS 10805 Hickory Ridge Rd PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buice Property, Sec 1 LOT NO. 3

ROAD AND DESCRIPTION Old Roxbury Road

TAX MAP 21 PARCEL # 84 GA 20

SIZE OF LOT _____ 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 _____

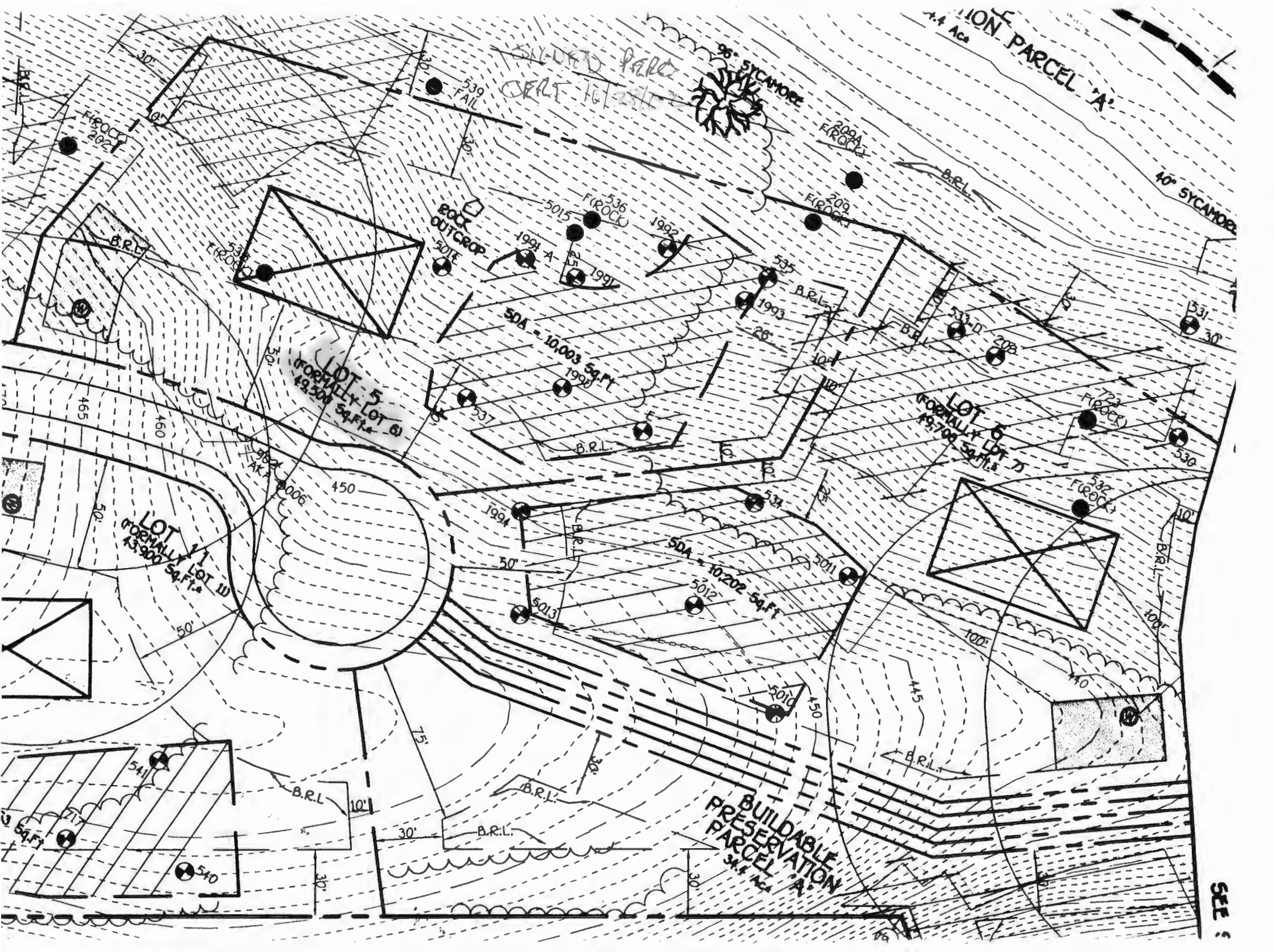
HOLD PENDING FURTHER TESTS _____

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



SILVERED PINE ORCHARD

ION PARCEL A
4.4 Acs
40' SYCAMORE

BUILDABLE PRESERVATION PARCEL A
3.4 Acs

LOT 5
FORMALLY LOT 6
19,300 SQ.FT.

LOT 6
FORMALLY LOT 7
19,700 SQ.FT.

LOT 11
FORMALLY LOT 10
15,900 SQ.FT.

ROCK OUTCROP



SEE :

APPLICATION

PERCOLATION TESTING

A 59935M

P _____

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

DISTRICT _____

DATE 4/13/98

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 ROBERT P. BUICE

ADDRESS 7979 MUNCASTER MILL ROAD PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER DONALD R. REWIER LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100

PROPERTY LOCATION: COLUMBIA, MD 21044

SUBDIVISION BUICE PROPERTY, Sec 1 LOT NO. 13 A

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD

JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE ACRE TYPE BLDG. SF D
(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. DONALD R. REWIER JR
(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

59935 M

COUNTY #

SOIL PROFILE

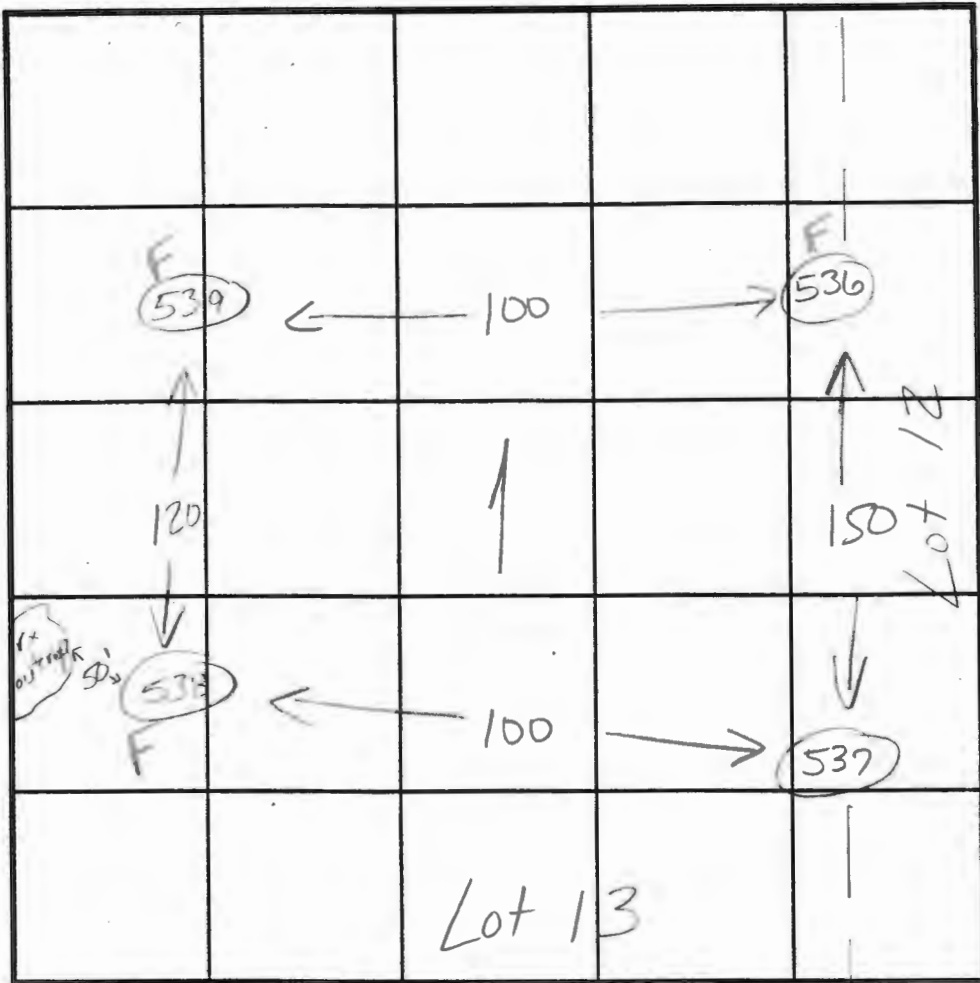
0'
3.5'
orange red clay loam

tan orange sandy clay loam
10% rock

10.0'
536
failed due to rock greater than 50% at 4.0'

8.0'
538
failed due to rock greater than 50%

3.0'



0'
SOIL FILE 37
failed due to rock greater than 50%
3.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.18.98	537	4.0'	3:20	3:22	3:22	3:27	4:40
		10.0'	visual	ok-	see profile		
	538	FAILED	DUE TO ROCK				F
	536	FAILED	DUE TO ROCK				F
	539	FAILED	DUE TO ROCK				F

REMARKS test holes sited by surveyor

TYPE OF SOIL Manor

TESTED BY Kim Maiste ALSO PRESENT Mike

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 59935L

P _____

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

DISTRICT _____

DATE 4/13/98

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 ROBERT P. BUICE

ADDRESS 7979 MUNCASTER MILL ROAD PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER DONALD R. REWIER LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100
COLUMBIA, MD 21044

PROPERTY LOCATION: _____

SUBDIVISION BUICE PROPERTY, Sec 1 LOT NO. 12 ³

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD

JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE ACRE 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. DONALD R. REWIER, JR
(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

59935L

COUNTY #

SOIL PROFILE

0'
4.0'
10.0'

orange clay loam
beige sandy clay loam
15% rock frags

535

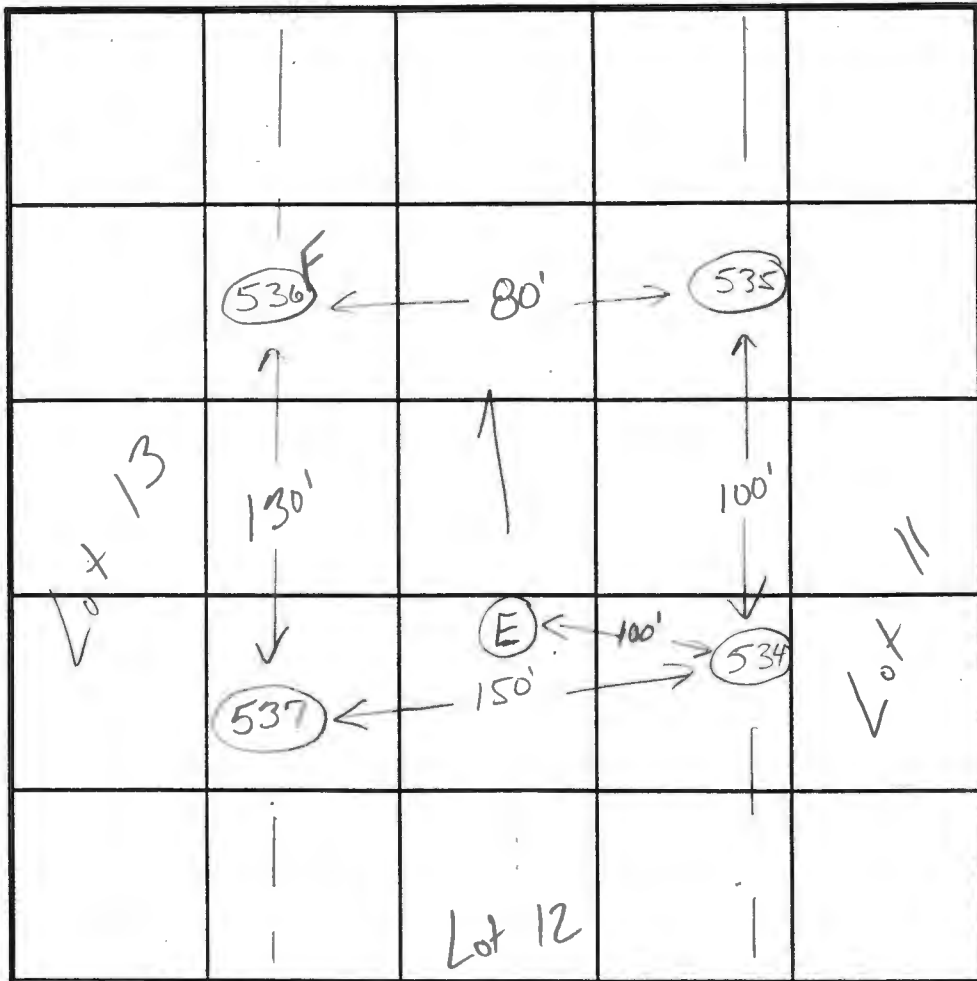
4.0'
10.5'

orange beige clay loam
orange brown sandy clay loam
15% rock

536

8.0'

failed due to rock greater than 50% at 4.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'
3.5'
10.0'

orange red clay loam
tan orange sandy clay loam
10% rock

E

4.0'
10.0'

brown/orange clay m
brown/or s.c.m
10% rock at bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6.18.98	534	4.0'S	2:41 ₂₀	2:43	2:43	2:48	5min	
		7.0'S	2:39 ₄₀	2:41 ₄₀	2:41 ₄₀	2:44 ₄₀	3min	
		10.0'D	visual	ok - see profile				
	535	4.0'S	3:11 ₃₀	3:12 ₃₀	3:12 ₃₀	3:14	130	
		10.5'D	visual	ok - see profile				
	536	FAILED DUE TO ROCK					F	
	537	4.0'S	3:20	3:22 ₂₀	3:22 ₂₀	3:27	440	
		10.0'D	visual	ok - see profile				
	E	10.0'D	visual	only - ok see profile				

REMARKS test holes staked by Surveyor

TYPE OF SOIL Major

TESTED BY Kim White ALSO PRESENT Mike

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 minutes TRENCH WIDTH 3.0

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM 180

APPLICATION

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A NO PERC

P _____

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

DISTRICT _____

DATE 10/1/00

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Bruce Security, S... LOT NO. 3

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

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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 _____

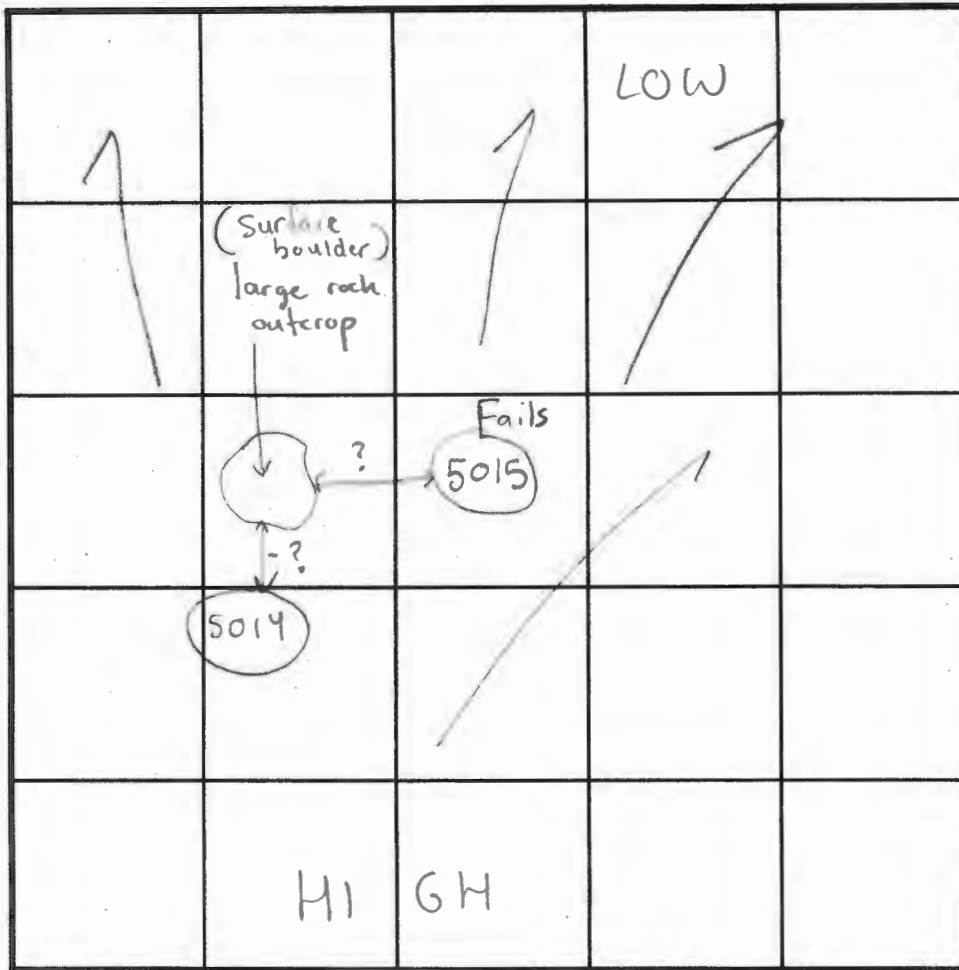
THIS IS NOT A PERMIT

NOT TO SCALE

COUNTY #
 SOIL PROFILE
 0' 5015
 brown topsoil
 6" tan-brn sandy loam
 5' ROCK pocket >50% ROCK FRAGS surrounded by gritty sand (loamy sand)
 13' FRACTURED ROCK HARD

5014
 6" brown topsoil
 4' orange-brown loam
 tan-sandy loam
 No appreciable amount of rock 0-5%

14'



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		
10/3/01	5015	5' T / 13' V	11:55am	11:56am	11:56am	11:57am	1min	Fails
		Repair 5'	12:01pm	12:02pm	12:02pm	12:03pm	1min	Fails
		" "	12:23pm	12:24pm	12:24pm	12:25pm	1min	Fails
		Repair 3'	1:31pm	1:33pm	1:33pm	1:37pm	4min	Fails
		Test	not in	treatment	zone			
	5014	6' T / 14' V	12:10pm	12:12pm	12:12pm	12:15pm	3min	OK

REMARKS Hole 5015 practically right next to hole 536 Observed by Kim Maistre
 TYPE OF SOIL Manor
 TESTED BY SRK Mike Johnson's Nephew (Mike Johnson) ALSO PRESENT Bob Sheesly, John Ramsa
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A NO TEST

P _____

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

DISTRICT _____

DATE 5/21/02

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Bowie Property, Sec 1 LOT NO. 3

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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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

NOT TO SCALE

COUNTY #

SOIL PROFILE 1990

0' red-brn Sandy lm

2'6" tan-brn loamy sand

8'6" 0-5% Rock FRAGS

12' loamy sand 5-10% RF red-brn

14'

1991

orange-brn Sandy lm

2' brown loamy sand w/ fractured pockets of >50% rock

8' loamy sand

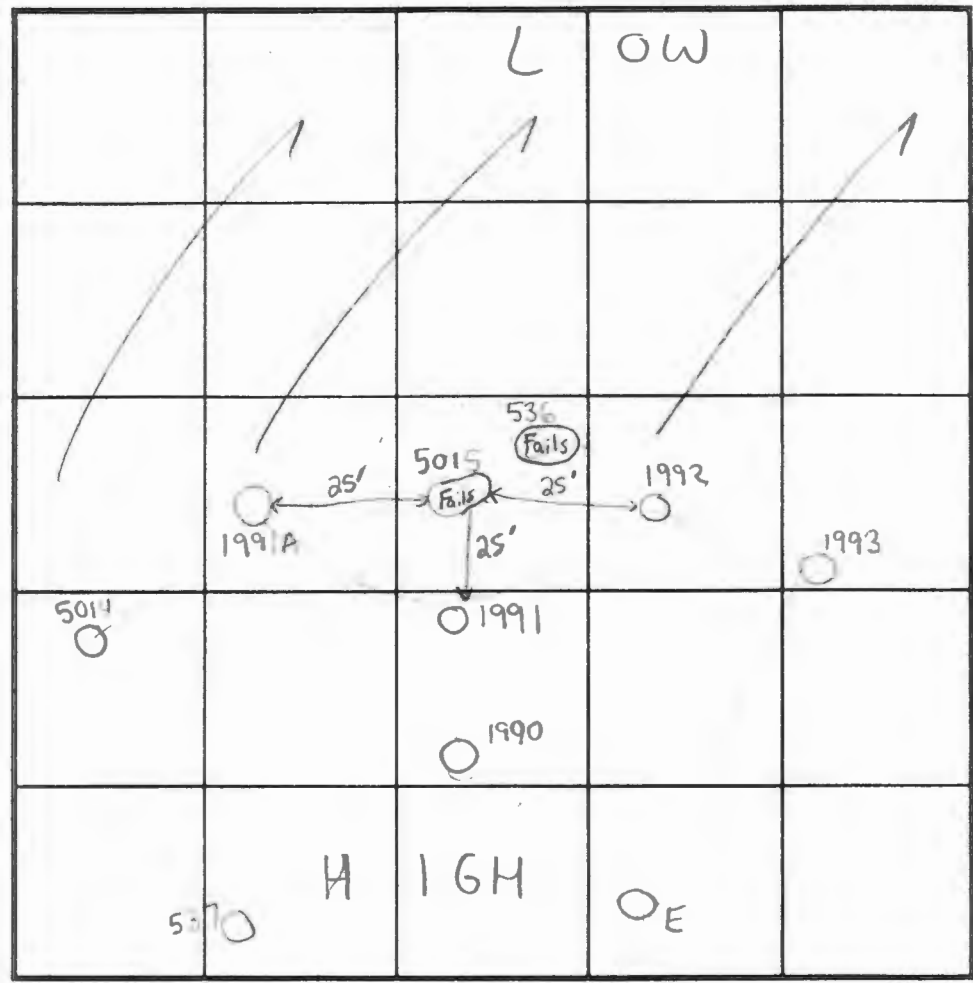
13' HARD

1992

3' red-brn Sandy lm 30-40% bouldery rock

5' light br-beige loam 0-5% ROCK FRAGS

13'



SOIL PROFILE 1993

0' red-brn sandy lm

3' light yellow loam 0-5% Rock FRAGS

13' 1991A

2' dark brn topsoil

8' brown sandy lm 0-10% Rock

13' brown ls pockets of >50% Rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
5/30/02	1990	6' T / 14' V	2:19 pm	2:21 pm	2:21 pm	2:26 pm	5 min	OK	
	1991	7'6" T / 13' V	2:46:29	2:47:53	2:47:53	2:49:52	1:59 min	OK	
		(OK IF BOTTOM OF TRENCH IS 4' MAX)							
	1991A	5' T / 13' V	2:17 pm	2:19 pm	2:19 pm	2:23 pm	4 min	OK	
		3'6" T / 13' V	3:26 pm	3:29 pm	3:29 pm	3:32 pm	3 min	OK	
	1992	13' V	(VISUAL OK SEE SOIL PROFILE) NA						OK
	1993	13' V	(VISUAL OK SEE SOIL PROFILE) NA						OK

REMARKS 8' limiting layer of fractured rock

TYPE OF SOIL Manor

TESTED BY SRK, John Boris & Barry Glotfelty ALSO PRESENT Don Reuwer, John Komasa, Bob Buice, Mike Johnson, Willie Smarden

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-7 min TRENCH WIDTH 3

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM 180

Lofts - Holes

538 ✓ F

539 ✓ F

5014 ✓ P — IN SDA

5015 ✓ F

537 ✓ P — IN SDA

E ✓ P — IN SDA

536 ✓ F

535 ✓ P

209 ✓ F

209A ✓ F

1991A ✓ P - Marginal

1991 ✓ P

1990 ✓ P

1992 ✓ P

1993 ✓ P

} IN SDA

SHALLOW SYSTEM
ONLY

4' BOTTOM MAX