

APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

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

DISTRICT _____

DATE 10/2/01

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buice Property, Sec 1 LOT NO. 14

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

NOT TO SCALE

COUNTY #

SOIL PROFILE

5002

0' brown topsoil

4" orange-brown loam

2' tan-brown loamy sand

40-70% ROCK FRAGS

tan-brown loamy sand

12' HARD

5003

4" brown topsoil

tan loam

2' orange-brown denser sandy loam

4" orange-tan loamy sand

6' large rock pocket

40-70% flaggy rock

13'

5003A

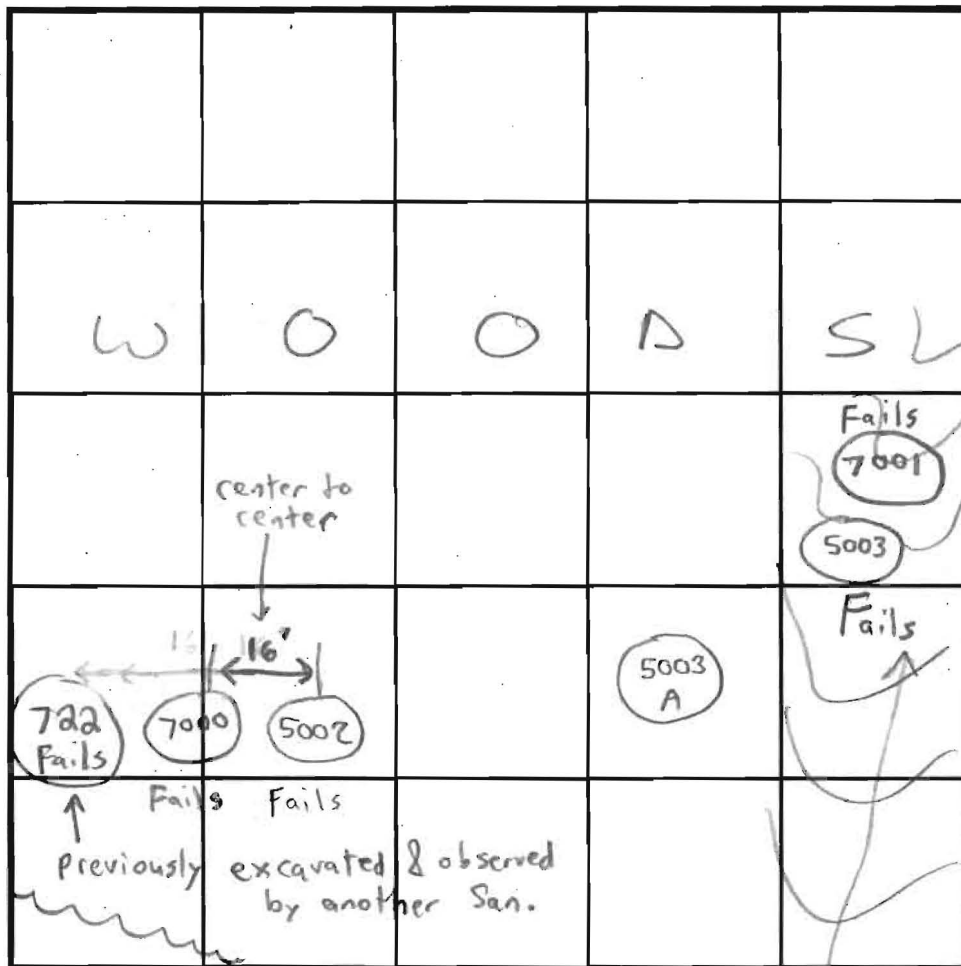
6" brown top soil

orange-brown sandy loam

5' tan-brown loamy sand

20-30% ROCK FRAGS

13'6"



SOIL PROFILE

7000

0' brown topsoil

12" tan-brown sandy loam

5' >50% ROCK FRAGS

VERY CHANNERY & FLAGGY

loamy sand

12' HARD

7001

brown silt / m...

4' >50% ROCK FRAGS

loamy sand

10' HARD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/2/01	5002	3'6" T / 11'6" V	12:29pm	12:30pm	12:30pm	12:31pm	1min	Fails
		Repour 6'	12:44pm	12:45pm	12:45pm	12:46pm	1min	Fails
	Treatment Zone →	Repour 6'	12:52pm	12:54pm	12:54pm	12:55pm	1min	Fails
	5003	4'6" T / 13' V	1:07pm	1:08pm	1:08pm	1:09pm	1min	Fails
	Treatment Zone →	Repour 7'	2:31:00	2:31:05	NA	NA	5sec	Fails
		Visual holes within perc hole						
	5003A	5'6" T / 13'6" V	3:12pm	3:12:30	3:12:30	3:13	30sec	Fails
		2nd Repour	3:14pm	3:15pm	3:15pm	3:17pm	2min	OK
-12/14/01	7000 & 7001	NOT TESTED						Fails

REMARKS: Rock content in soils high but inconsistent between holes → Manor

TESTED BY: SRK / SO Mike Johnson = Backhoe Willie Snauden = Helper ALSO PRESENT Don Reuwer, John Komsa

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM _____

→ Bob Sheesly, Bob Buice & John Komsa Present

APPLICATION

PERCOLATION TESTING

A 59935B

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. REWIRE 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. 314

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. REWIRE 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

59935B

COUNTY #

SOIL PROFILE

0' 556
 red / brown
 clay loam
 ↓
 Rock + WATER
 4.0'

555

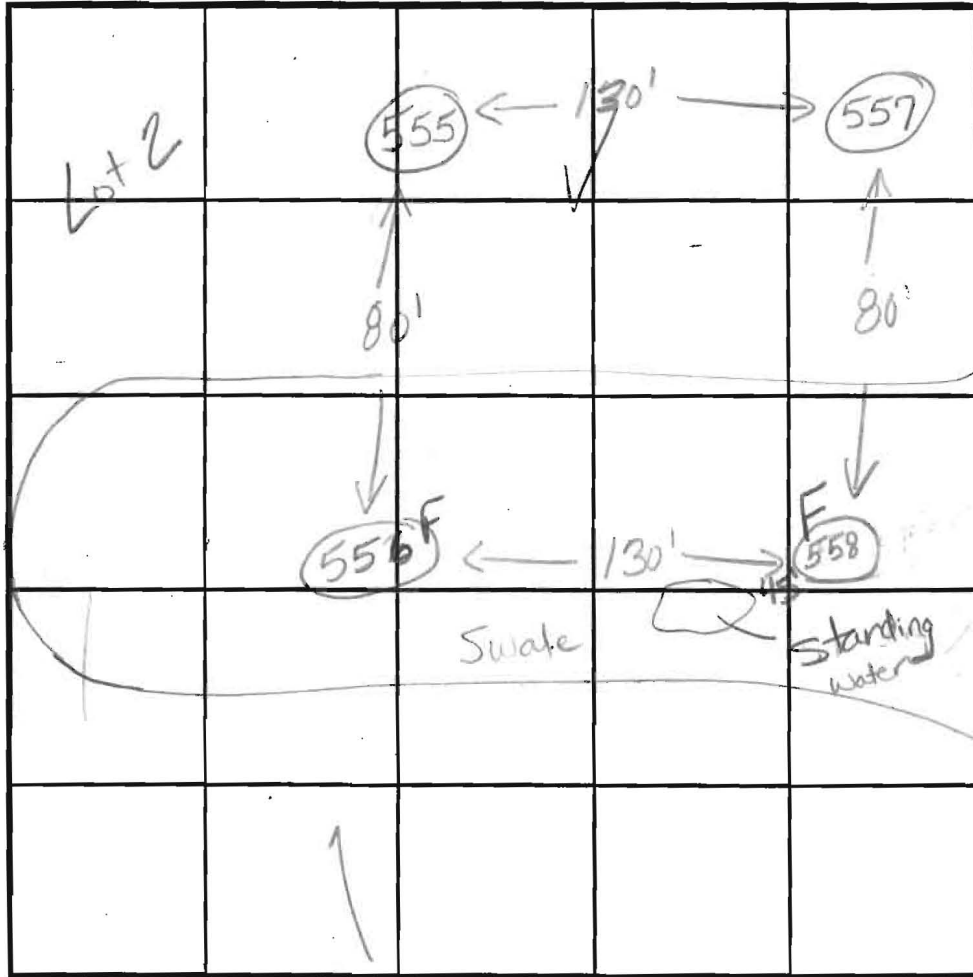
5.0'
 orange brown
 clay loam

11.5'
 brown / orange
 sctm manganese
 oxide
 15% rock
 frags

557

4.5'
 orange brown
 clay lm

12.0'
 brown red
 sctm
 20% rock
 frags



SOIL PROFILE

0' 558
 brown red
 clay loam
 water seeping
 in and
 back-in
 at 5.0'
 WATER 6.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Roxbury Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.3.98	556	4.0'S	FAILED DUE TO ROCK + WATER				
		(WATER AT 3.5')		AT 4:30)			F
	555	5.5'S	12:17 ⁵⁰	12:22	12:22	12:34	12min
		11.5'D	visual - see profile				
	557	4.0'S	12:49	12:53	12:53	1:03	10min
		12.0'D	visual - see profile				
	558	6.0'D	FAILED DUE TO WATER				
		(WATER AT 4.0' AT 4:30)					F

REMARKS test holes staked by surveyor

TYPE OF SOIL Manor

TESTED BY Kim Maist ALSO PRESENT Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 59935B

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

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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. 2 & 314

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD

JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

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(SINGLE FAMILY DWELLING OR COMMERCIAL)

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THIS IS NOT A PERMIT

59935B

COUNTY #

SOIL PROFILE

703A

orange/
brown
cl lm

beige/
tan
sclm
15%
shale
frags

704/705

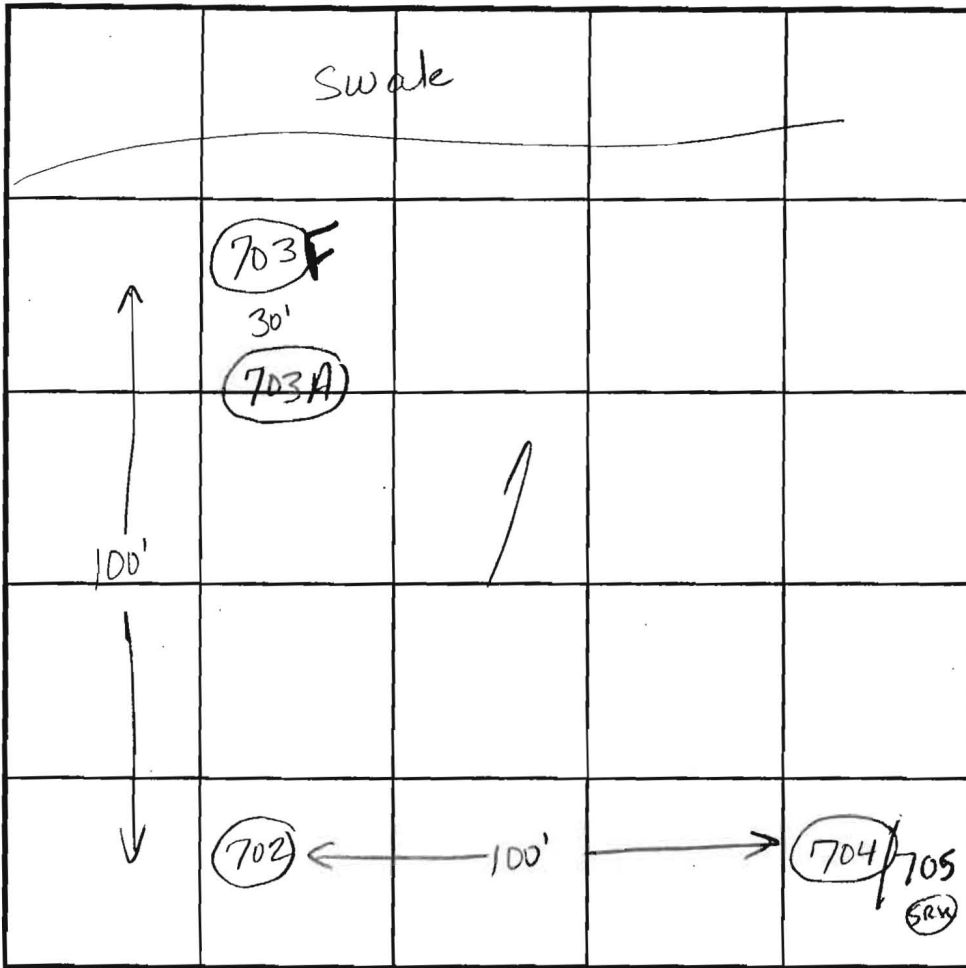
orange
cl lm

beige
sac lm
20%
rock
frags

552A

brown/
orange
cl lm

orange/
brown
sac lm
20%
rock
boulders



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

702

or/br
cl lm

tan/
beige
sclm
10%
shale
frags

703

orange/brown
cl lm

beige sac lm
greater than
50% rx
frags at
7.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/98	703A	4.5'S	1:44 ₁₅	1:47 ₃₀	1:47 ₃₀	1:52	4:30	
		12.0'D	visual	ok	- see profile			
	704/705	4.0'S	11:58	12:15	12:15	SLOW		
		10.0'D	visual	ok	- see profile			
	(redug)	5.0'S	12:54	12:55 ₃₀	12:55 ₃₀	12:58 ₃₀	3	
	552A	4.0'S	1:56 ₃₀	2:02	2:02	2:11	9	
		10.5'D	visual	ok	- see profile			
	702	4.0'S	1:28 ₂₀	1:29 ₃₀	1:29 ₃₀	1:32	3:30	
		11.0'D	visual	ok	- see profile			
	703	10.0'D	FAILED DUE TO ROCK					

REMARKS Wooded lot

TYPE OF SOIL Manor

TESTED BY Kim Maisto

ALSO PRESENT Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

APPLICATION

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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.

*File last notice to this address
P.O. Box*

PROPERTY OWNER ROBERT P. BUICE

ADDRESS 7979 MONCASTER 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. 347 14

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

59435A

COUNTY #

SOIL PROFILE 700

0'
3'
11.5'

orange brown
cl 1m

beige
Saclm
greater than 5%
rock frags
at 6.5'

700 A

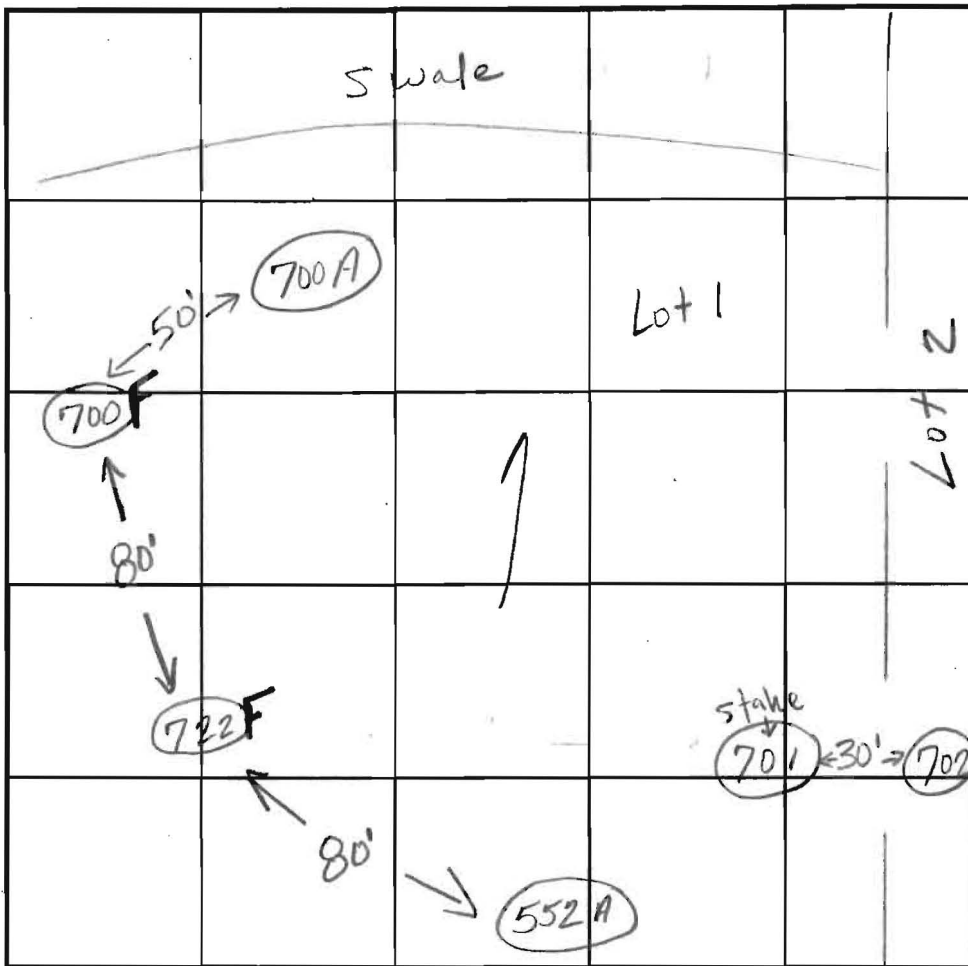
3.5'

orange/
brown
cl 1m

beige/
orange
Saclm
20% rx
boulders

701

Not dug
Use
information
from
hole
702



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 722

0'
9'

light
tan/
orange
Saclm
greater
than
50%
rock
frags

552 A

3.5'
10.5'

brown/
orange
cl 1m

orange/brown
Saclm
20% rx
boulders

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/98	552A	4.0'S	1:56:30	2:02	2:02	2:11	9	
		10.5'D	visual ok - see profile					
	700	3.5'S	11:05:55	11:09:30	11:09:30	11:16:50	7	
		11.5'D	FAILED DUE TO ROCK					
	722	9.0'D	FAILED DUE TO ROCK					
	700A	3.0'S	12:35:30	12:38:30	12:38:30	12:41:15	3:15	
		12.0'D	visual ok					
	701	Hole not dug - use information from hole #702						

REMARKS Wooded lot

TYPE OF SOIL Manor

TESTED BY Kim Maiste ALSO PRESENT Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

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

DISTRICT _____

DATE 5/30/02

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 Buice Property 1 Sec. 1 LOT NO. 14

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

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

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY SRK & Barry Glotfelty FOR Fractured Rock & Very Fast times DATE 5/30/02

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 1979

0' brown topsoil

12" brown-beige sandy lm 10-20% SCHIST

3'6" >50% SCHIST POCKETS OF FRACTURED ROCK

5' 10-20% SCHIST beige loamy sand

6' tan-brn loamy sand 20-30% MICA SCHIST

13'

1980

6" brown topsoil

3'6" org-brn sandy lm

tan/brn loamy sand 5-10% SCHIST FRAGS

8'6" ← HARD SIDEWALL SOUTHWALL

11' HARD

1982

12" brown topsoil

orange-silt lm

2' brown-red coarse sandy lm

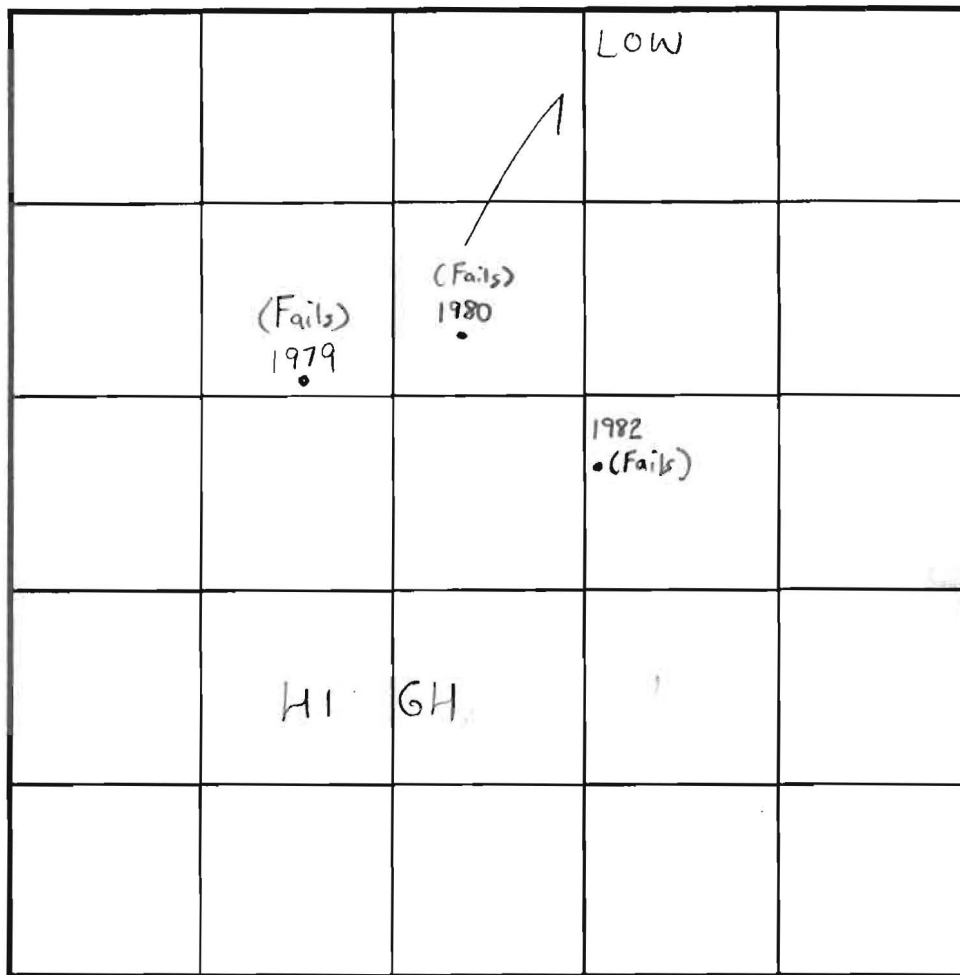
2'6" brown fine sandy lm

4' pockets of fractured ROCK 90% & 7

6' surrounded by loamy sand

HARD

11'



SOIL PROFILE 1980

0' brown topsoil

6" org-brn sandy lm

3'6" tan-brn loamy sand

5' SCHIST FRAGS

8'6" tan-brn loamy sand

1980

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	1979	7' T / 13' V	11:15am	11:15:20 am	11:15:20 am	11:15:57 am	37 sec	Fails
	1978	(HOLE)	NOT	EXCAVATED			NA	
	1977	(HOLE)	NOT	EXCAVATED			NA	
	1983	(")	"	"	"	"	NA	
	1980	4' T / 11' V	10:16am	10:17am	10:17am	10:17:30 am	30 sec	Fails
	Repour	4' T / 11' V	10:19am	10:20am	10:20am	10:21:30 am	1 min 30 sec	Fails
	Flow	6' T / 11' V	10:39am	10:39:26 sec	10:39:26 sec	10:39:45 sec	39 sec	Fails
	UNOFFICIAL TEST → 5 Gallon Bucket poured in bottom	11' T / 11' V	10:45am	10:46am	10:46am	10:48:30 am	2 min 30 sec	NA
	1981	(HOLE)	NOT	EXCAVATED			NA	
	1982	11' V	(FRAC	TURED	ROCK	4-11')	NA	Fails

REMARKS Holes 1979 & 1980 were tested in treatment zones (Tests in Woods)

TYPE OF SOIL Manor

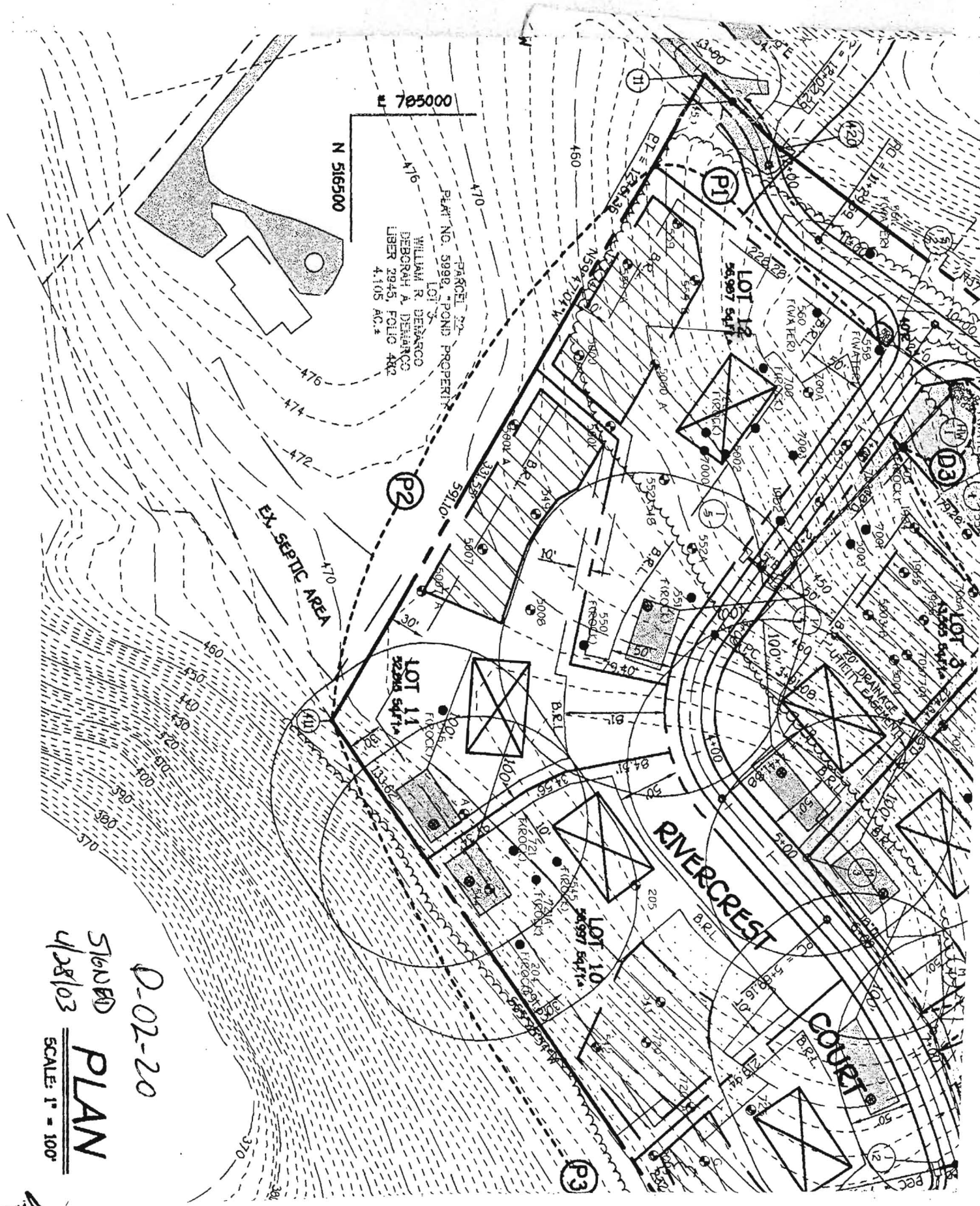
TESTED BY SRK, John Boris & Barry Glotfelty ALSO PRESENT Don Reuwer, Bob Baise, John Kansas, Mike Johnson, Willie Snowden

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

UNITS WATER AND PRIVATE SEWERAGE SYSTEMS,

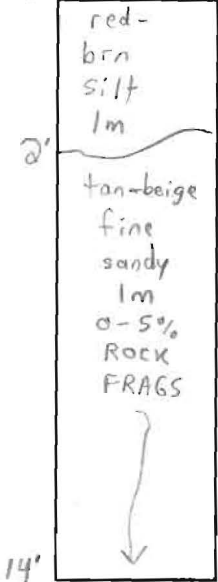
STUBED
4/28/03
P-02-20
PLAN
SCALE: 1" = 100'



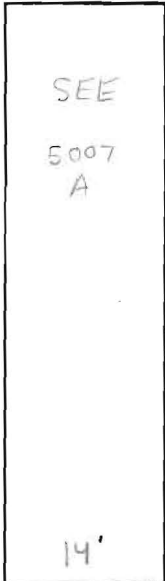
NOT TO SCALE

COUNTY #

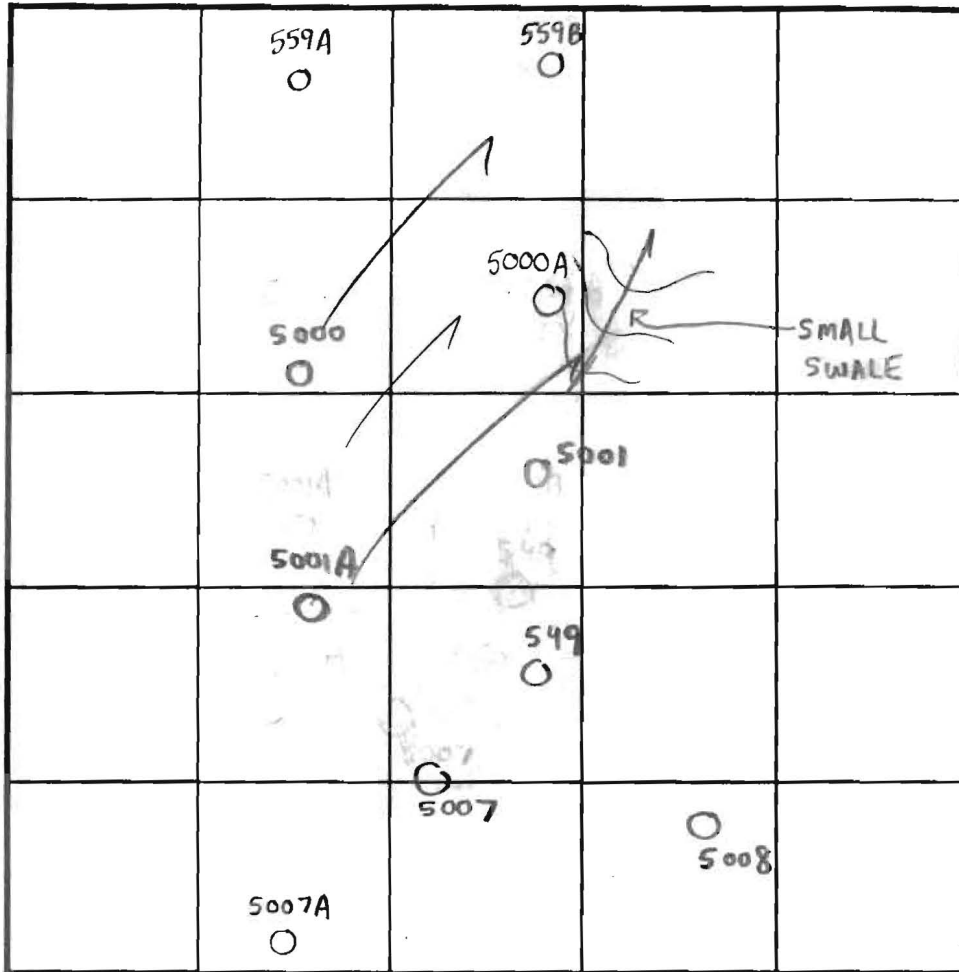
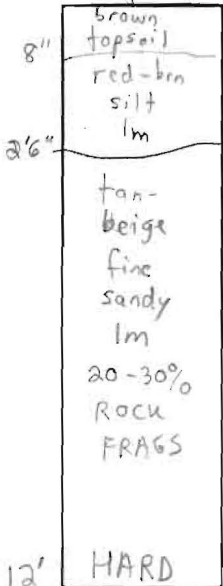
SOIL PROFILE
5007A



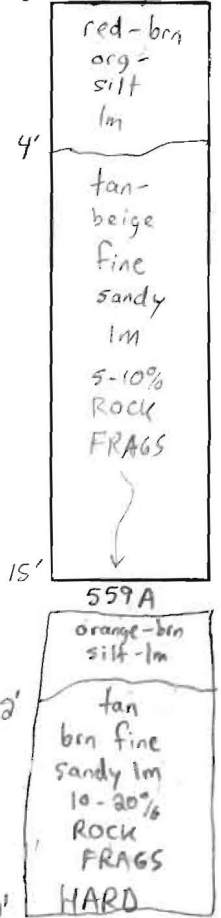
5001A



5000A



SOIL PROFILE
559B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/12/02	5007A	5'6" T / 14' V	9:39am	9:41am	9:41am	9:43am	2min	OK
	5001A	6'6" T / 14' V	9:53am	9:56am	9:56am	10:02am	6min	OK
	5000A	5'6" T / 12' V	10:37:17	10:47pm	10:47pm	11:00pm	13min	OK
		8' T / 12' V	10:43am	10:45am	10:45am	10:47am	2min	OK
	559B	6'6" T / 15' V	11:00am	11:02am	11:02am	11:05am	3min	OK
	559A	12' V	(VISUAL OK SEE SOIL PROFILE) NA					OK

REMARKS

TYPE OF SOIL Manor

TESTED BY SRK

Willie Snowden - Backhoe
Mike Johnson

ALSO PRESENT John Komsa
Bob Buice

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

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

DISTRICT _____

DATE 6/12/02

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 Buice Property, Sec 1 LOT NO. 14

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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)

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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 _____

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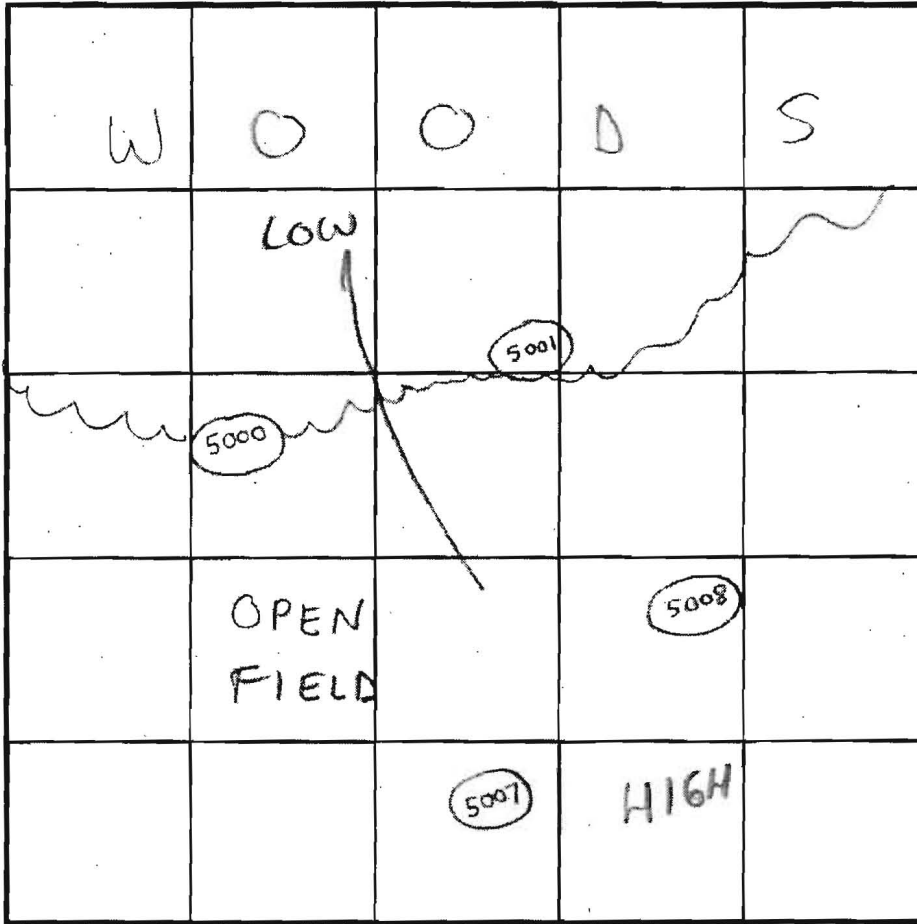
COUNTY #

SOIL PROFILE

5000
 0' brown topsoil
 4' tan loam to sandy loam
 15-30% rock frags
 HARD BOTTOM
 5001

5007
 12" brown topsoil
 tan brown sandy loam to loam
 40-60% flaggy rocks
 5'6" tan loam
 20-40% flaggy rocks
 HARD BOTTOM

5008
 4" brown topsoil
 3' tan-brown sandy loam
 11' 40-50% orange-black structured saprolite
 HARD BOTTOM



SOIL PROFILE

5008
 0' brown topsoil
 6" red-brown sandy loam
 4' tan-beige loam-sandy loam
 10-20% structured saprolite
 HARD BOTTOM
 13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/2/01	5000	4'6" T 12' V	11:16am	11:18am	11:18am	11:19am	1min	FAILS
		Repour →	11:20am	11:22am	11:22am	11:24am	2min	OK
	5001	6'6" T 13'5" V	11:33am	11:38am	11:38am	11:45am	7min	OK
	5007	5'6" T 13' V	11:53am	11:56am	11:56am	12:05pm	9min	OK
		7' T 13' V	12:06pm	12:09pm	12:09pm	12:12pm	3min	OK
	5008	5' T 13' V	12:08pm	12:13pm	12:13pm	12:24pm	11min	OK

REMARKS Operator states if holes are not 14' they can be considered

TYPE OF SOIL hard bottom → Manor & Glenelg

TESTED BY SRK/SO Mike Johnson = Backhoe Willie = Helper ALSO PRESENT Don Reuser, John Komsa

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 9' SQ. FT./BEDROOM _____

59935 C

COUNTY #

SOIL PROFILE

559

Orange clay loam
 beige orange s.c.l.m
 15% rock frags
 ↓

4.0'

10.5'

560

Red/brown clay loam
 Cave-in 5.0'
 ↓

9.0'

WATER

561

Red/or clay loam

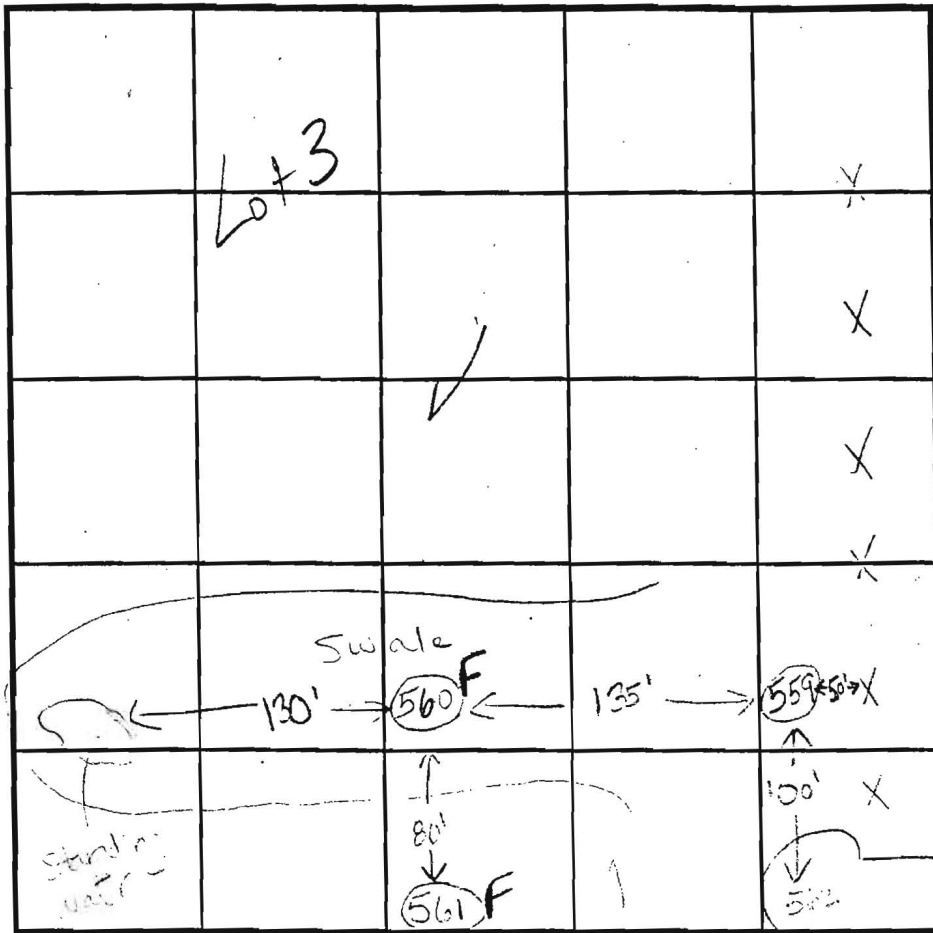
3.5'

Red/brown s.c.l.m

10.0'

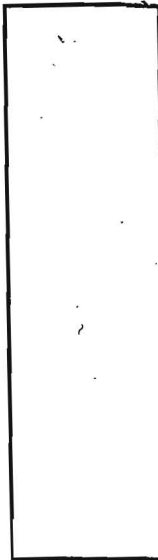
Redox features
 white nodules
 WATER

12.0'



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Rockbury Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.3.98	559	4.0'S	10:31 ₄₅	10:35 ₂₀	10:35 ₂₀	10:37 ₄₀	4 min
		10.5'D	Visual	ok - sec	OK	OK	
	560	FAILED	DUE TO WATER				F
		(WATER AT 6.0' AT 4:30)					
	561	5.0'S	11:04 ₂₀	11:06 ₂₀	slow - test stopped		
		12.0'D	FAILED DUE TO WATER				F
		(WATER AT 10.0' AT 4:30)					
	562	(not dug - test hole in road)					

REMARKS test holes staked by surveyor

TYPE OF SOIL Major

TESTED BY Kim Maister ALSO PRESENT Mike - Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Pen detail added by SRK at final review stage for clarification purposes

59935A
COUNTY #

SOIL PROFILE
552/548

0'
Orange brown clay loam
3.5'
beige grey scli m
5.5'
gravelly large rx frags 40%
HARD BOTTOM
9.0'

551

Orange brown clay ml

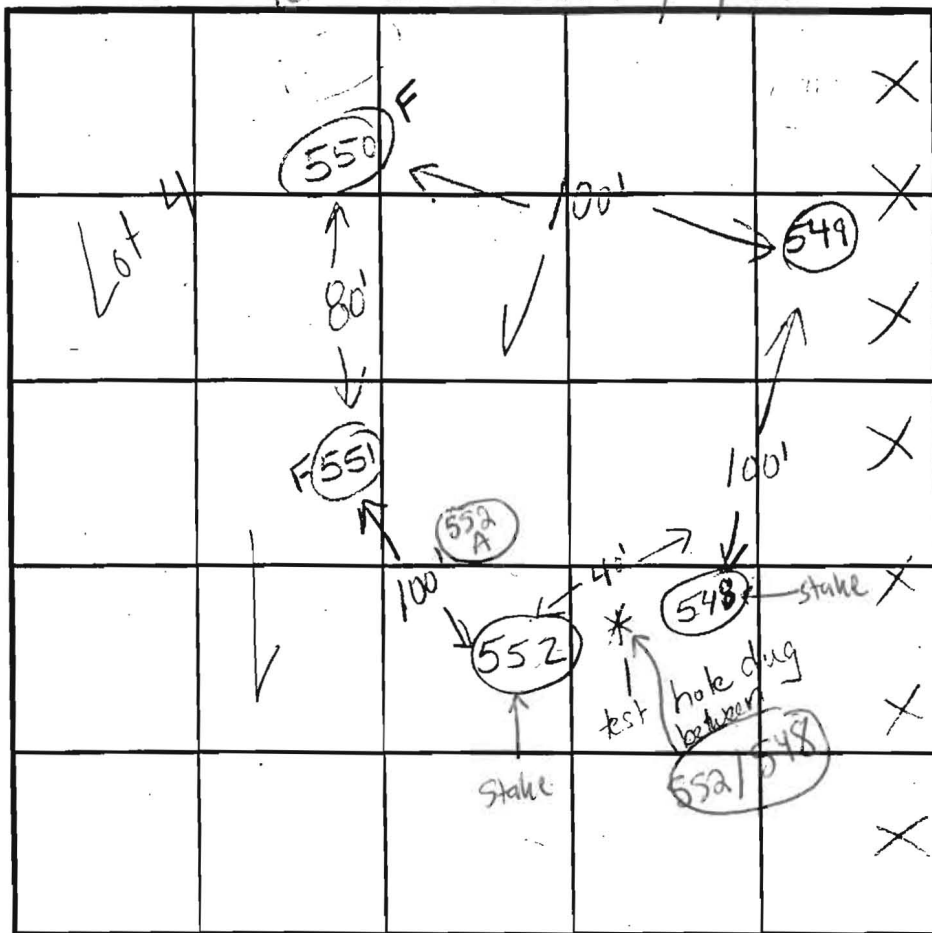
5.0'

Orange red scli m
10% rock frags
10.5'

549

orange cl lm
4.0'
beige/orange scli m
71.0'

71.0'



SOIL PROFILE
550

orange brown cl lm
6.0'
beige orange scli m
rock outcrop 5.0'
30% rx frags
HARD BOTTOM 10.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Keweenaw Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6.3.98	552/548	3.0'S	1:08:15	1:09:45	1:08:45	1:12:45	3 min	
		9.0'D	HARD BOTTOM (see profile)					
	551	4.5'S	1:17:40	slow test stopped				
		10.5'D	visual ok - see profile					F
	549	4.0'S	2:30:10	2:35:50	2:35:50	2:50	14 min	
		11.0'D	visual ok - see profile					
	550	5.5'S	4:03:15	slow test stopped				F
		10.0'D	HARD BOTTOM					

REMARKS: test holes staked by 11/12/98

TYPE OF SOIL: Manor

TESTED BY: Kim Whiste ALSO PRESENT: Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Lot 3 Lot 14 on PC

Holes

5002 ✓ F
5003 A ✓ P
5003 ✓ F
700 A ✓ P
557 ✓ P
703 A ✓ P
703 ✓ F
558 ✓ F
560 ✓ F
561 ✓ F
700 ✓ P
722 ✓ F
552/548 P
552 A ✓ P
551 ✓ F
702 ✓ P
1979 ✓ F
1980 ✓ F
1982 ✓ F
5000 ✓ P
5000 A ✓ P
559 B ✓ P
559 A ✓ P
5001

Lot 314

SDA is

~~SDA~~ suitable

for sewage disposal