

APPLICATION

PERCOLATION TESTING

A 59935E

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 13

SUBDIVISION BUICE PROPERTY 1 Sec 1. LOT NO. 5 10 & Parcel C

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

59935E

COUNTY #

SOIL PROFILE

0' 547
orange/brown clay loam
4.5'
red/brown scli m
10.5'
10% rock frags

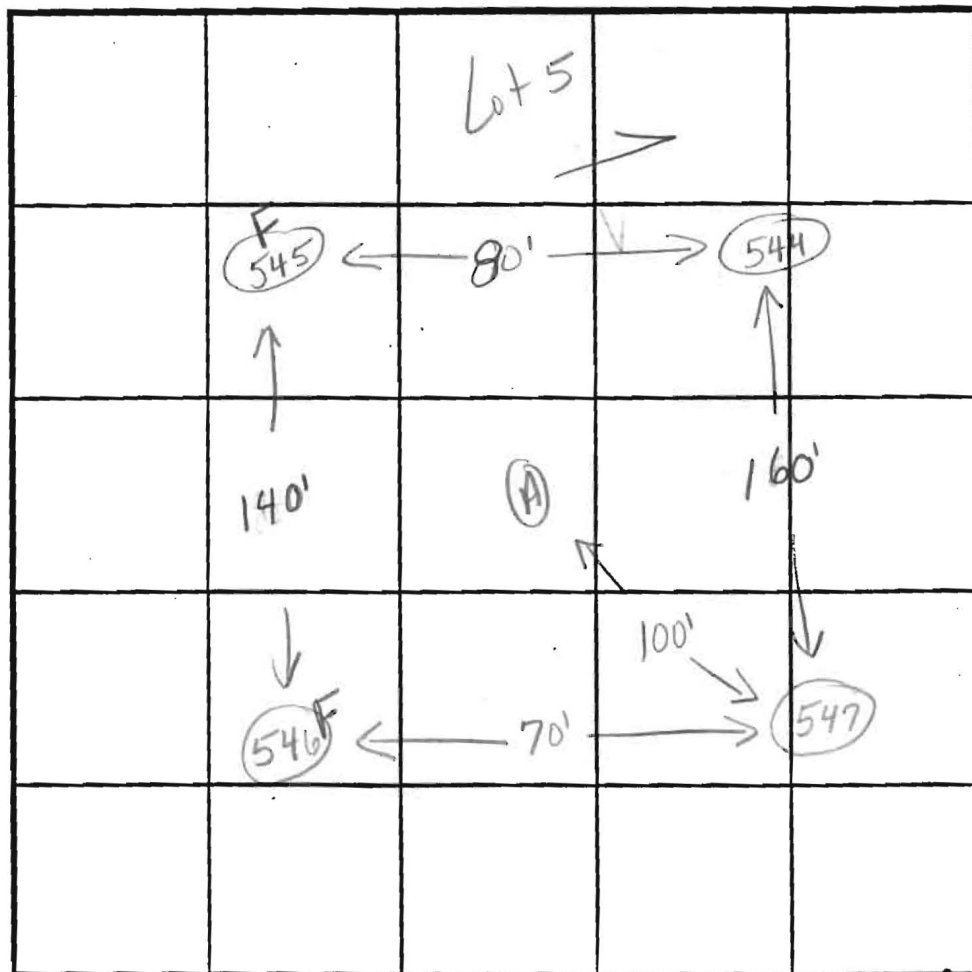
544

4.0'
red/orange clay loam

11.5'
orange brown scli m
15% rock frags

545

9.0'
orange red scli m
↓
rock outcrop
5.0' greater than 50%



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Roxbury Rd.

SOIL PROFILE

0' 546
greater than 50% rock frags
5.0'

A

4.0'
or/red cli m
br/red scli m
15% shale
12.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.3.98	547	5.0'S	3:0640	3:0840	3:0840	3:1440	6 min
		10.5'D	visual ok - see profile				
	546	5.0'D	FAILED due to rock				F
	545	9.0'D	HARD BOTTOM				F
	544	4.0'S	3:23	3:27	3:34	3:42	7:30
		11.5'D	visual ok - see profile				
	A	12.0'D	visual ok - see profile				

REMARKS

test holes staked by surveyor

TYPE OF SOIL

Manor & Glenelg

TESTED BY

Kim Maisto

ALSO PRESENT

Mike & Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 599351

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JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

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SIZE OF LOT ONE ACRE TYPE BLDG. SFD

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599351

COUNTY #

SOIL PROFILE

0' 552/548

Orange
brown
clay
loam

3.5'

beige
grey
sc1m

5.5'

gravelly
larger
rx frags

9.0'

HARD
BOTTOM

551

orange
brown
clay 1m

5.0'

orange
red
sc1m

10.5'

10%
rock
frags

549

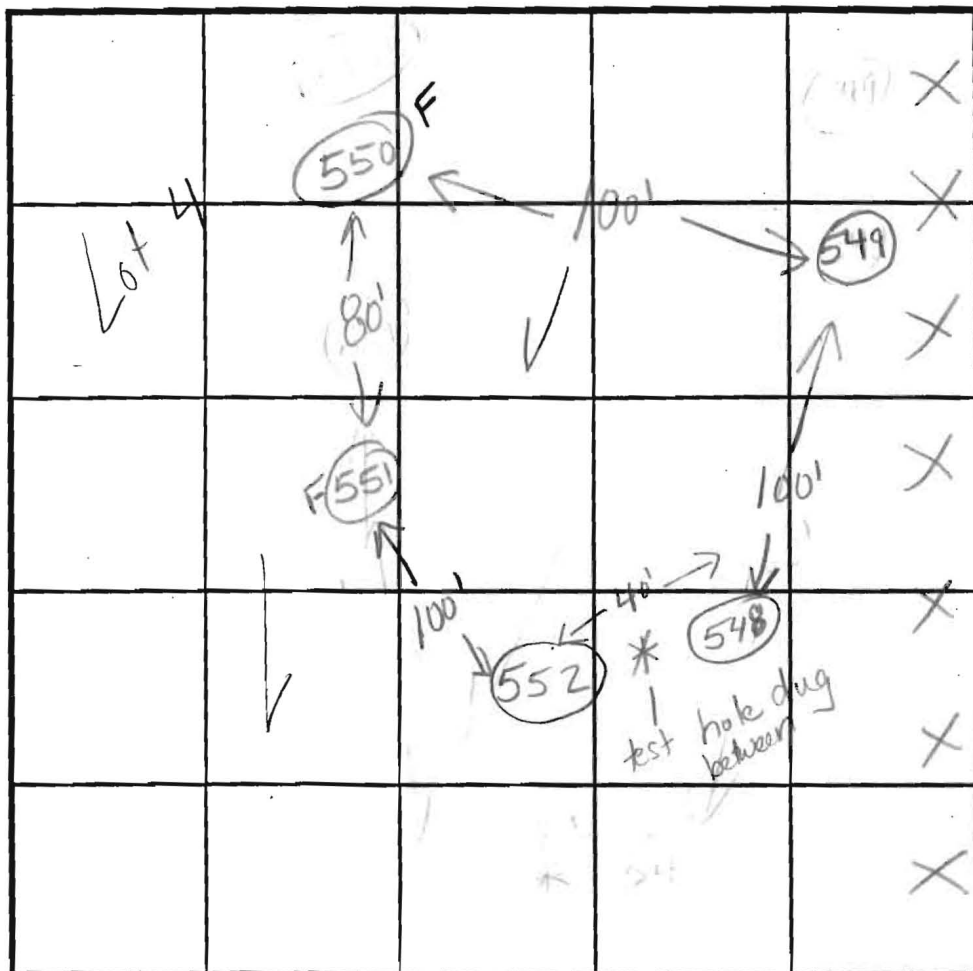
orange
cl 1m

4.0'

beige/
orange
sc1m

11.0'

40%
rock
frags



SOIL PROFILE

0' 550

orange
brown
cl 1m

6.0'

beige
orange
sc1m

rock
outcrop
5.0'

30%
rx frags
HARD
BOTTOM

10.0'

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	552/548	3.0'S	1:08:15	1:09:45	1:09:45	1:12:45	3min	
		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	14min	
		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 surveyor

TYPE OF SOIL: Manor & Glenelg

TESTED BY: Kim Maiste ALSO PRESENT: Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: TRENCH WIDTH:

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

51, FOLG 413

COUNTY ROAD
RIGHT-OF-WAY FOR EX.
ROXBURY MILL ROAD WITHIN
LIMITS A TO B
PC = 5+34.10

RT = 6+35.24 60" SYCAMORE

PROPOSED S.W.M. FACILITY NO.
H.O.A. OWNED AND MAINTAINED
MICRO-POOL FACILITY FOR
NOV AND CPV
TYPE 'A' HAZARD CLASS

PROP. RIGHT-OF-WAY
VARIES

FLDABLE
PARCEL 'C'
AND MAINTAINED BY
CREST H.O.A. THE
HOLDER TO BE HOWARD CO.
PART OF PARCEL 70

PROPOSED EARTH
BANK FORECAST

RETAINING WALL NO.
12

RETAINING WALL NO.
11

20' DRAINAGE
UTILITY EASEMENT

LOT 12
56,987 S.F.

LOT 10
54,997 S.F.

LOT 11
32,818 S.F.

LOT 4
48,194 S.F.

LOT 3
32,565 S.F.

LOT 2
48,194 S.F.

LOT 1
48,194 S.F.

LOT 13
48,194 S.F.

LOT 14
48,194 S.F.

LOT 15
48,194 S.F.

LOT 16
48,194 S.F.

LOT 17
48,194 S.F.

LOT 18
48,194 S.F.

LOT 19
48,194 S.F.

LOT 20
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LOT 21
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LOT 180
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LOT 181
48,194 S.F.

LOT 182
48,194 S.F.

LOT 183
48,194 S.F.

LOT 184
48,194 S.F.

LOT 185
48,194

Lot 13⁹ Holes

S000	✓	P	—	} IN 50A
S001	✓	P	—	
S008	✓	P	—	
S007	✓	P	—	
S49	✓	P	—	
S59	✓	P		
S50	✓	F		
S47	✓	P		
S46	✓	F		
A	✓	P		
S001A		P		
S007A		P		

SHALLOW SYSTEM

4' BOTTOM

MAX

APPLICATION

PERCOLATION TESTING

A 59935C

P _____

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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
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THIS IS NOT A PERMIT

59935C

COUNTY #

SOIL PROFILE

0' 559

orange
clay
loam

4.0'

beige
orange
scm
15%
rock
frags
↓

10.5'

560

red/
brown
clay
loam
Cave-in
5.0'

7.0'

WATER

561

red/or
clay
loam

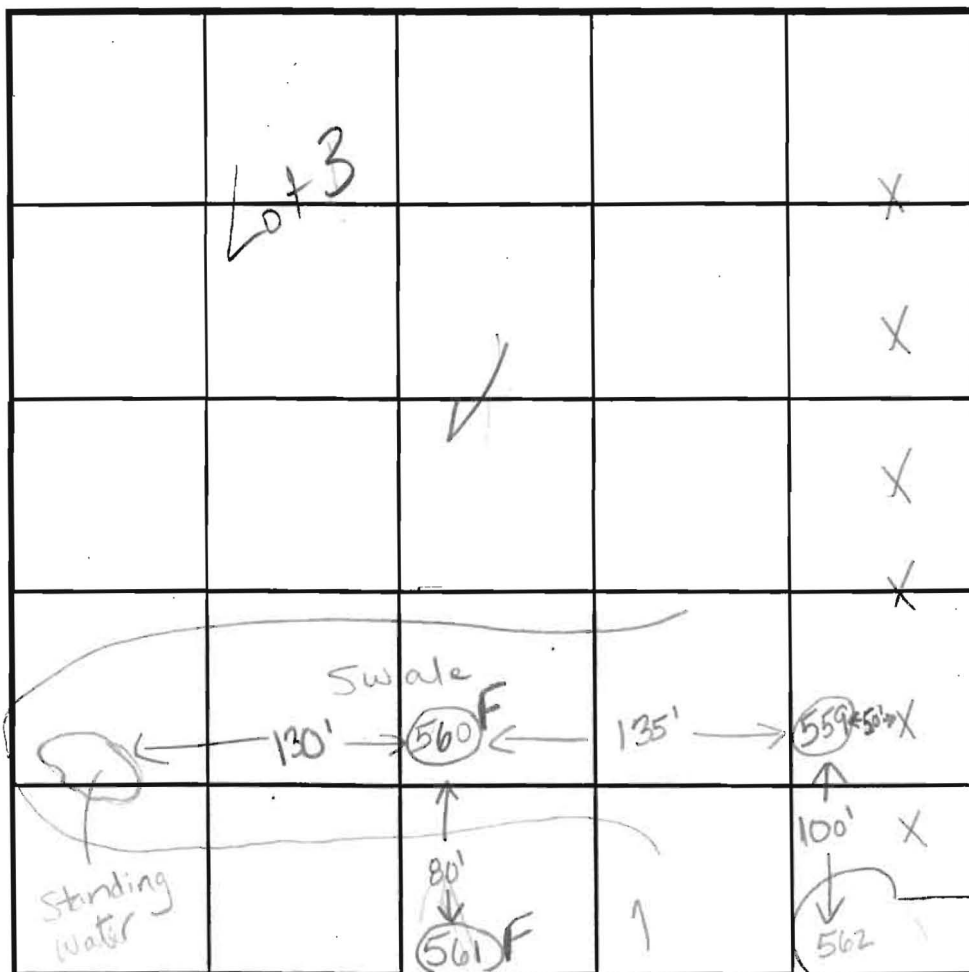
3.5'

red/
brown
scm

10.0'

redox
features
white
mottles
WATER

12.0'



SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6.3.98	559	4.0'S	10:31 ⁴⁰	10:35 ²⁰	10:35 ²⁰	10:39 ⁴⁰	4 min
		10.5'D	Visual	ok	see	profile	
	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 Manor & Glencly

TESTED BY Kim Maiste

ALSO PRESENT Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM