

APPLICATION

PERCOLATION TESTING

A 5/10/14

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 Richard & Eva Moore

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Northridge Development LLC

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Moore Property LOT NO. Preservation Parcel / Existing House

ROAD AND DESCRIPTION SW corner of Windsor Forrest Rd

TAX MAP 6 PARCEL # 53 Grid 15

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.

APPROVED BY Held as repair area for Existing House No extra lot Here (SIGNATURE OF APPLICANT) 6/16/2000 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 #7

0' C₁
dark brown LL-CL
m-f gran
10-12" Mid. Brn 10/100%
VF ch LL
3" mid br
ch L
5" Blue gray
phyllite bed
50-75%
in blue gray
SL bed stuff
4' Lignit

B. F. A.

10' 2" Backfill / Ben
(WPSB) CL

3' Prod. well Ben
(10' 4" 5' 1/2" 4' 1/2")
CHL
(ZCSB)

5' 2' (Am. SSB) - measure
CL (20' 1/2" CL)

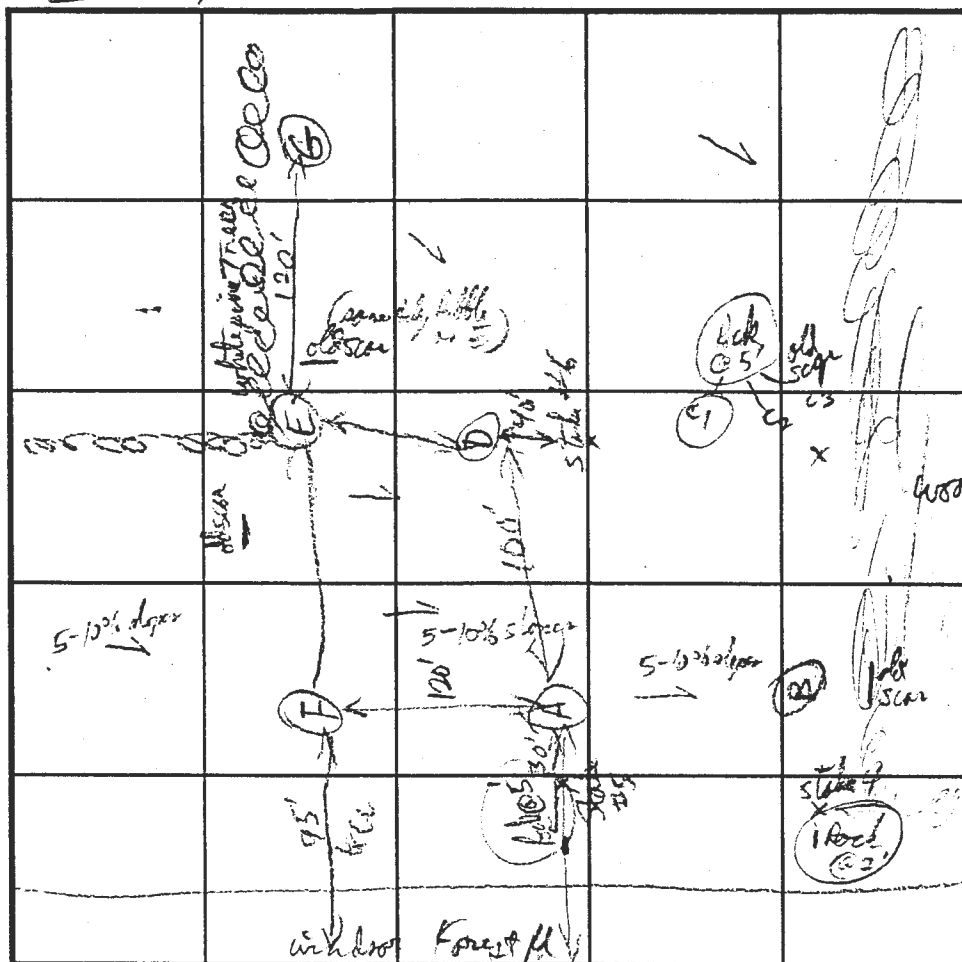
8' Mix 1/2 Ben
CHL - Blue Ben
SiL 35-40% ch

9' 1/2 > 50%
Blue Ben / 1/2 ch

D

dark grey brown ch EL (RF556)
Strong dark Brn ch EL
Strong Brn + dark Red Brn vch Low
Mix color Reddish L vch

1/26
Mixed bed
micaceous clay
E. thin blue
phyllite in gk
8' 50-70% (Lak)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

0'

7 Terraced slopes
stable
X
Risk of landslides to the

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/ / 98	(C1)	v 9 1/2	Refuse @ 5'	Refuse @ 9 1/2'			Fail
	(C2)						
	(C3)	discn	Refuse @ 5'	Refuse @ 7'			Fail
	(D)	v 8' 2 1/2'	50% Ark (Schist) @ 5'-8'	Refuse @ 8' > 50%	> 5 1/2'		Fail in 4
		2 1/2'	2:12:50	1:20:00	2:20:00	2:32	12 min
		pour water in	Bottom - same in 30 sec	Refuse @ 8'			30 sec
	E	v 9 1/2 3'	phyllite & v 50% =	Refuse @ 6'			10 min
			2:52:00	3:12:00	3:12:00	3:42 ±	30 min
			> 50% Refuse @ 6 1/2'				
	F	3 1/2'	2:49:40	(Mixed 15" - 300)		3:09	10 mpi'
		v 9 1/2 (> 50% Refuse @ 7 1/2')					
	A	v 9 1/2 @ 8' 4'	2:42:30	2:20:00	2:20:00	2:42:00	22 min
		8'	2:22:00	2:29:30	2:29:30	2:55	25 min

REMARKS Not useful for conventional system - ultra shallow only - best is repair SDA in next flight
Not New SDA in Switzerland.

TYPE OF SOIL limestone

TESTED BY APR 11/14 ALSO PRESENT Esther C. Anderson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 22 mpi TRENCH WIDTH 3

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM 300

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AGENT OR PROSPECTIVE BUYER Northridge Development LLC

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Moore Property LOT NO. X Existing House

ROAD AND DESCRIPTION SW corner of Linden Forest & Long Corner A

TAX MAP 6 PARCEL # 53 6nd 15

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

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

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COUNTY #

SOIL PROFILE

SOIL PROFILE

0' 6
2' Ten + 6 beach
v. ch 35-50% ch
hard ch (35% ch)
washed sl - CL
4 1/2' Needled gray
+ firm
L - v. fgr SL
(40-50%
ch)
5 1/2' ex. lanky
75%
(3/4 chd schist)
1/4 pyrite
6 1/2'

11 West
 1 1/2' Blue
 3'
 50% Soil
 Vich
 - Ch L-hL
 mix over Brn
 + yellow color
 5 1/2
 6 1/2
 7 1/2
 > 50%
 Pipe front
 bottom 1/2' of
 + chert
 + phillite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/22/67	G	v 9 1/2 2 1/2	3:30:00	Used		3:50:00	Each
		5 1/2	4:00:00	4:12:00	4/12	Pinkish yellow 4:47	35 mph
	H	2 1/2	3:38:00	Used		3:55	Prin
		v 9 1/2					
	(I)		Too close to existing well				NA
		v covered by precipitated					
		(ie 3-9" blow grade) water level, 3-5' below top of ss from dry well - No head for grain)					

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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PROPERTY LOCATION:

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TAX MAP 6 PARCEL # B3 Grid 15

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(SINGLE FAMILY DWELLING OR COMMERCIAL)

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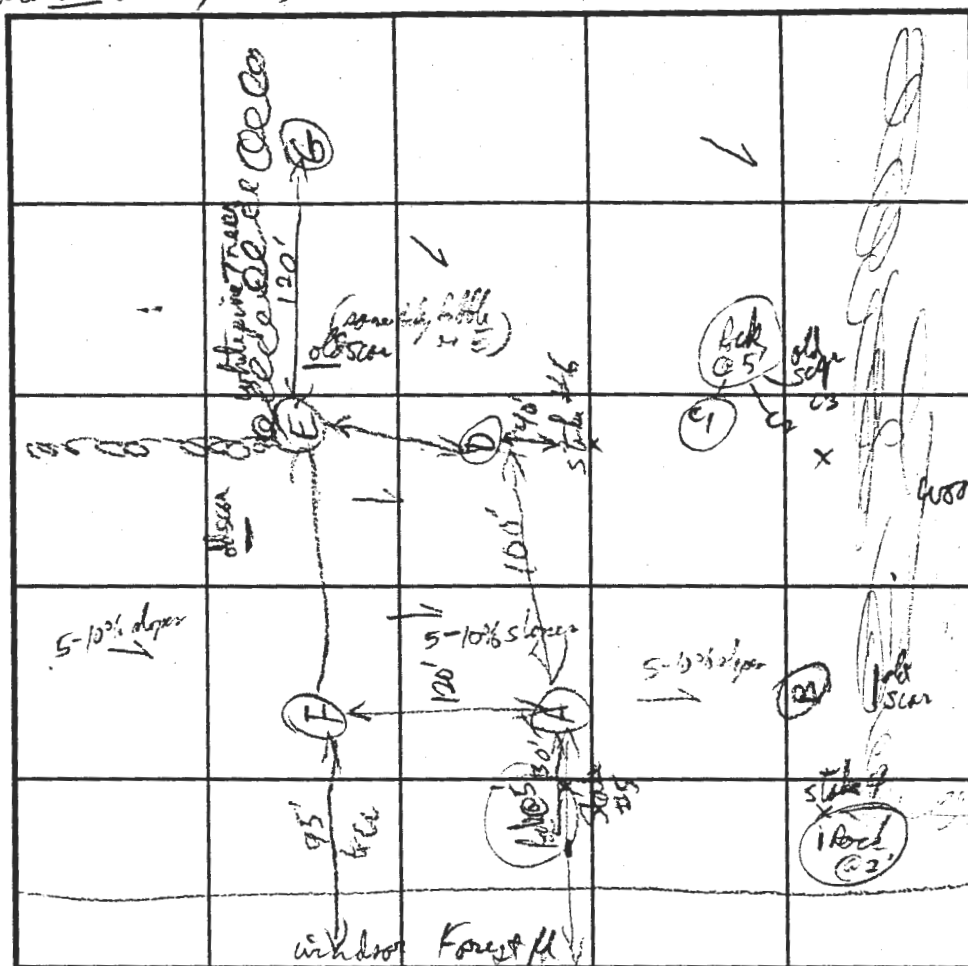
0' C₁
dark brown HL-CL
m-t gran
10-7 1/2" Mid Brn 10/10 1/2
VF ch CL
3" Mid Brn
ch L
5"
Blue gray
phyllite band
50-75%
in blue gray
SL bedded
4' Labeled

B. F. A.

10' backgraben
 (255k) CL
 Midval Ben
 (10' 5 1/2 - 4 1/2)
 chL
 (205k)
 3' backgraben - yolk
 (255R 4 1/2)
 (1m 55k) massive
 CL (205k)
 5 1/2' Mix of ben
 chL - blue ben
 8' sil 35-40% sch
 > 50%
 blue ben, fine
 9 1/2' fine

D

dark greenish
ch CL (25%)
Strong dark blue
ch CL
Strong brown
ch dark brown
vch Low
Mix color
dark brown L
vch
Mixed red
micaceous
E. thin blue
plagioclase is gray
50-70% (rock)



0'

Barro Colorado
state
X
Barro Colorado

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	E	v 9 1/2 3'	phyllite w/ 50% ±	2:52:00	3:12:00	3:14:2 ±	10 min
			> 50% Ark @ 6 1/2'				
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MAXIMUM BOTTOM DEPTH

ALSO PRESENT

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SQ. FT./BEDROOM

300