

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. LOT 1 CONTINUED

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 \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

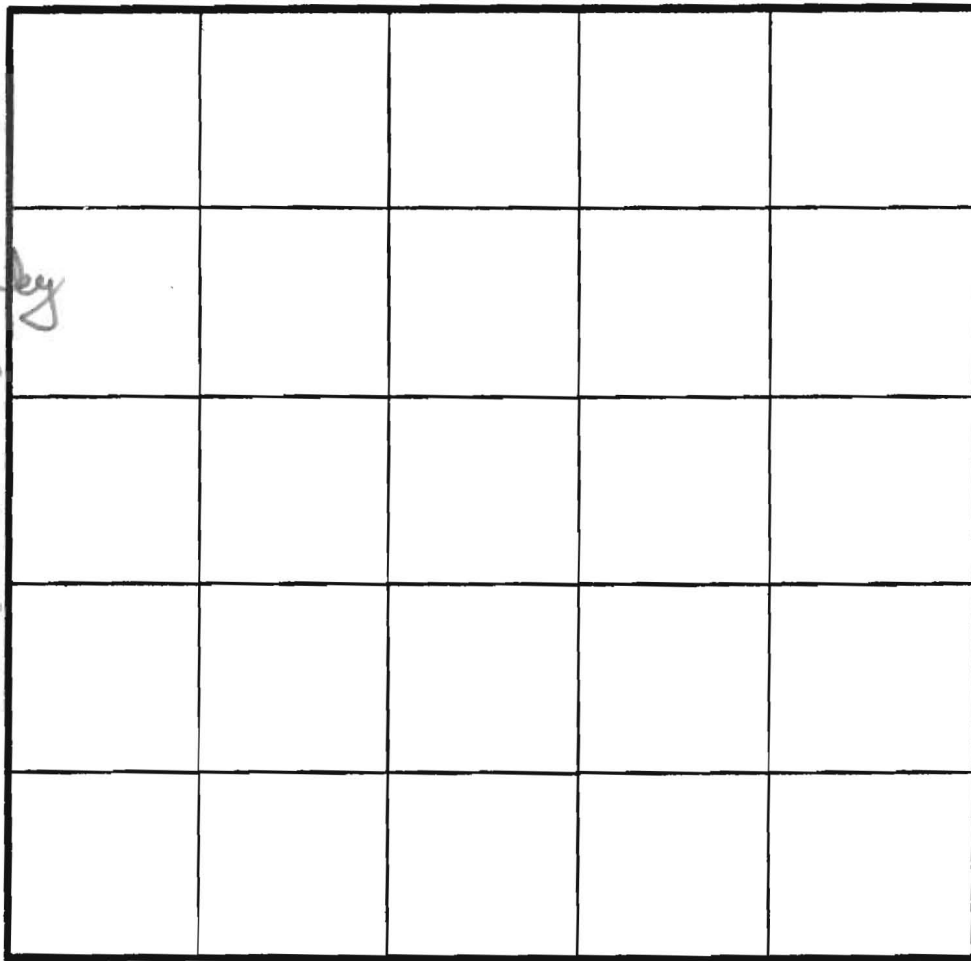
Ⓞ

SOIL PROFILE

0'  
 red/brown  
 gritty chunky  
 sandy/clay  
 loam  
 4'  
 changing  
 to tan gray  
 brown  
 silty ma  
 loam  
 little or no  
 sandstone  
 ↓

12' D

Ⓜ



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Similar to  
 G top 4+/  
 orange brown  
 sandy/silty  
 loam  
 w/ patches of  
 clay blue/gray  
 soils  
 (can't tell  
 exactly  
 where)

11' D  
hard botto

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/29/86	Ⓞ	4' S	326	410	< 1/2"	failed		
		8' M	323	325	325	327	2 min	
		12' D	botto (see profile)					
	? H	4 1/2 S	330	333	333	342	6 min	
	?	11' D	hard botto					
	I S	4.5'	10:49	10:51	10:51	10:54	3 min	
	I V	12'	uniform Soil below 4.5' Ch → Ca					
	J S	4.5'	10:54	10:55	10:55	10:56	1 min	
	J V	12.5'	water at 12 ft - Ch					
	K S	12'	Nestor Extrudely loam uniform botto 4.5'					
	K V							

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

A 40341/A 37775

LOT 1 Clearview East  
12/17/87 RTE 108

⑤ Red/orange clays (heavy 3 1/2-4')  
orange to tan orange brown  
clay sandy/silty mixes

} patches of moderate clay  
but based on pore in upper  
shell, sufficient sand to  
improve absorption

↓  
hard bottom patches 12-13'

⑦ red/orange brown  
clay heavy (3 1/2-4') w/ few  
small gravelly frags  
to orange red pretty  
clay/silty sandy loam  
w/ lge rock frag patch

START	STOP	START	STOP	TIME
208	215	215	232	17min

20-25% 6-9', back to  
small frags < 10% 9'  
1 1/2' hard

NOTE Appears small perched  
H<sub>2</sub>O table in heavy frag  
area (= 11')  
Soils in bottle absorbing  
H<sub>2</sub>O

# APPLICATION

PERCOLATION TESTING

A 40341

P \_\_\_\_\_

DISTRICT 54

DATE 10-21-87

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

12/15/87  
1:30 PM

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RANDALL CONSTRUCTION Co. INC NW Homes Rockville Division  
5501 TWIN KNOLLS RD. SUITE 102  
ADDRESS COLUMBIA, MARYLAND 21045 PHONE 964-1777

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION CLEARVIEW ESTATES LOT NO. #15 on Final

ROAD AND DESCRIPTION ON THE WEST SIDE OF MD. ROUTE 108 ACROSS FROM  
TROTTER ROAD (11902 EVENING COURT)

TAX MAP 29+35 PARCEL # 39+40

SIZE OF LOT 0.73 ACRES 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. R. Steiner  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

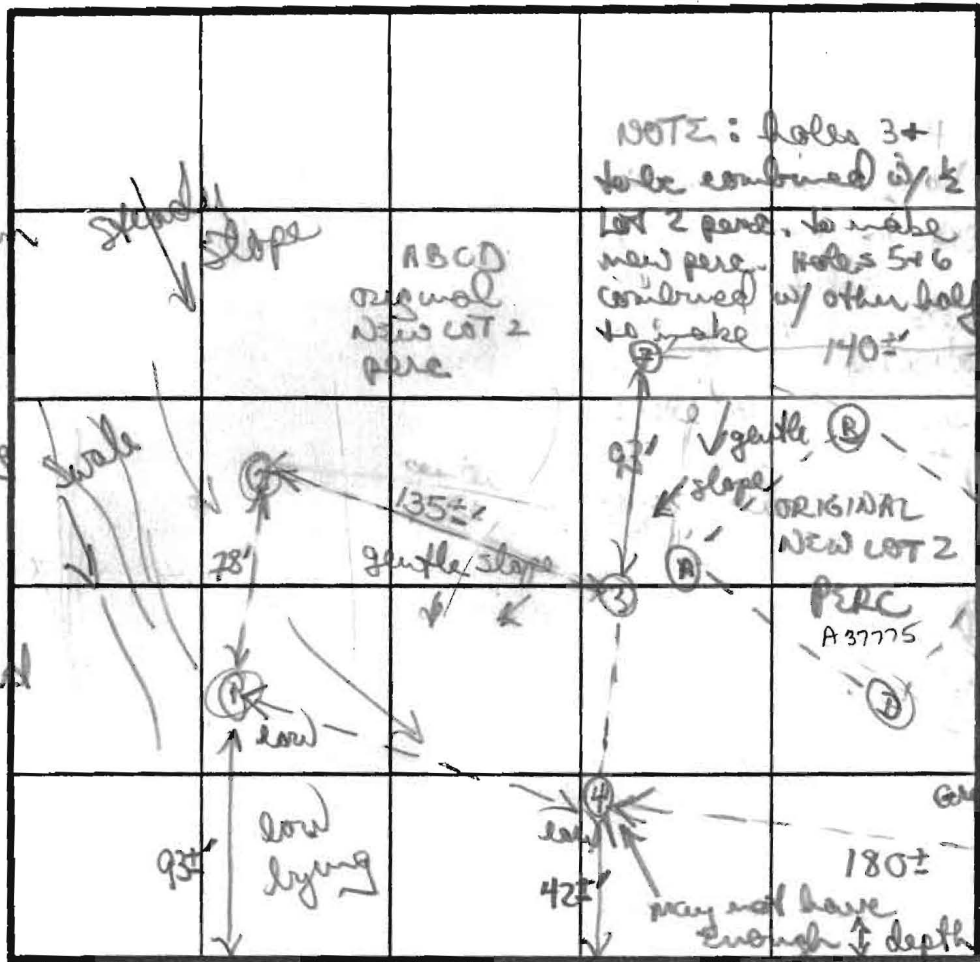
BLDG. PERMIT SIGNED  
AND RETURNED 5/19/92  
Serial # 42606 - SFD - 4 Budrow

# THIS IS NOT A PERMIT

A40341

SOIL PROFILE

orange brown  
yellow  
cheater clay  
↓?  
H<sub>2</sub>O standing  
at 3'  
are patches  
of grey  
mottled  
soils in dirt  
pile



④  
Brown/orange  
cheater clay  
heavy 4 1/2  
clay/gravel  
5 1/2'  
to brown  
orange clay  
silt loam  
180±  
185±  
ground gets  
higher  
end of  
prop.

②  
orange/yellow  
clay (heavy)  
3 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE

red/orange  
white/orange  
rock frags  
25-30%  
w/ dark grey  
silty loam  
↓  
stopped by  
H<sub>2</sub>O 8 1/2 - 9'

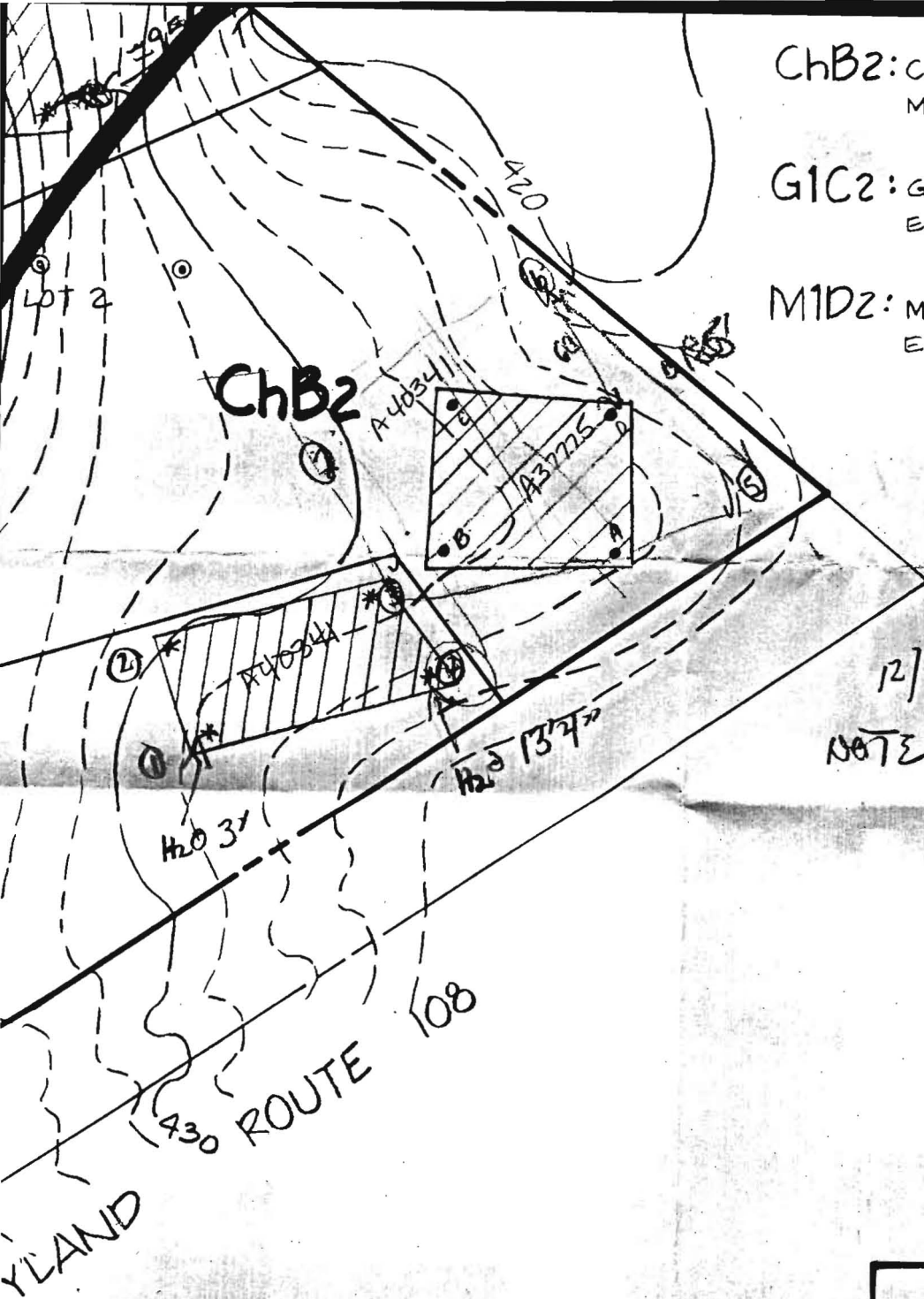
DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/17/87	①	H <sub>2</sub> O 3'	NOT	TESTED			failed	
	②	rock 4-8'	H <sub>2</sub> O	8 1/2 - 9'			failed	
	③	5' 5"	1150	1202	1202	1221	19 min	
		13 1/2'	bottom (see profile)					
	④	5' 3"	1148	STOPPED	1 hour - little perc		failed	
		13 1/2'	bottom (H <sub>2</sub> O 13')					
	⑤	4+5	105	110	110	120	11 min	
		8' M	101	105	105	112	7 min	
		12-13'	bottom (hand) see profile					
	⑥	3 1/2'	138	140	140	143	3 min	
		7 1/2'	140	142	142	144	2 min	
		13' 0"	bottom (see profile)					

REMARKS: creating overall perc. area large enough to be split into 2 areas (assuming engineering possible)  
 TYPE OF SOIL: variety: cheater loam/gravelly, orange/brown silty sandy soils  
 TESTED BY: B Nifan  
 ALSO PRESENT: Randy R. RCO digger

MOVED BETTER THAN EXPECTED  
 ⑥  
 Brown/clay  
 orange 2 1/2'  
 to mostly  
 brown w/  
 patches  
 orange to  
 silty loam  
 ↓  
 13'

③  
 Red/orange  
 clay (heavy 3 1/2')  
 clay loam 4'  
 changing to  
 tan silty  
 loam  
 5-5 1/2'  
 uniform  
 13 1/2'

EH 12-1089



ChB2: CHESTER SILT LOAM, 3 TO 8% SLOPES, MODERATELY ERODED.

G1C2: GLENELG LOAM, 8 TO 15% SLOPES, MODERATELY ERODED.

M1D2: MANOR LOAM, 15 TO 25% SLOPES, MODERATELY ERODED.

12/17/87

NOTE holes

H2 on NEW Lot 1 unacceptable  
 H2O at 3' in low hole (from developers comments - drain <sup>french</sup> pipe area installed previously by farmer in that area.

Hole #2 heavy rock area (med/lge frags) ≈ 4'-8' - difficult digging. Also appears dark grey silty loam in bottom (9±' suggesting H2O not far away)

**CLEARVIEW ESTATES**  
 SECTION I LOTS 1 TO 4

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 37775

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 10/9/86  
June 30, 1986

*10/29/86  
perc OK'd approved  
pending plots  
(80)*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Conrad J. and Patricia Langenfelder Martha V. Langenfelder  
11904 Clarksville Road 5511 Hamilton Avenue  
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION ~~Langenfelder Farm~~ Clearview Est. Sec. 1 LOT NO. 7 LOT 1 *10/9 Prelim.*  
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

SIZE OF LOT 3.2 AC. TYPE BLDG. Residential  
(NUMBER OF BEDROOMS)

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.

*Steven M. Muma*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for field located adjacent to lake

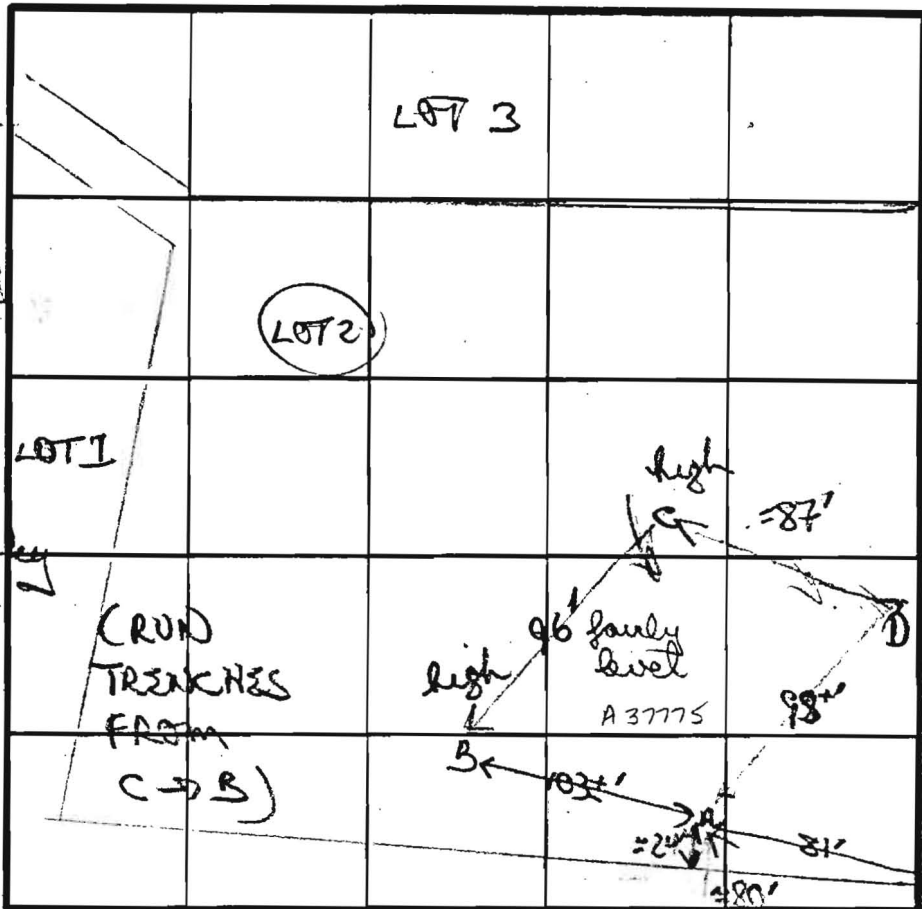
# THIS IS NOT A PERMIT

A 3775

B

SOIL PROFILE

red/orange  
brown gritty  
chunky  
sandy loam  
-4 1/2'  
orange/  
brown  
powdery/chunky  
silty loam  
mix  
↓



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

R15 108

(D)  
brown gritty  
silty loam  
mix  
-5'  
fine powder  
to brown  
silty loam  
w/ few small  
frags 4-6'

12'D

X 6 min  
180 #/BR  
INLET 4"  
BOTTOM 6"

(A) 12'D

red/orange  
gritty/chunky  
sandy/clay  
loam  
-4'  
to fine  
powdery to  
brown silty  
loam  
15% med  
frags sand-  
stone w/  
loam

11'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
10/29/86	B	4'5"	342	353	353	410	17 min	
		12'D	bottom (see profile)					
	A	4'5"	345	350	350	359	9 min	
		8'M	345	346	346	348	2 min	
		11'D	bottom (see profile)					
	D	4'5"	354	356	356	359	3 min	
		8'M	354	355	355	356	1 min	
		12'D	bottom (see profile)					
	C	4'5"	401	402	402	403	1 min	
		12'D	bottom (see profile)					

(C)  
similar  
to  
hole D  
↓  
12'D

REMARKS: Dug as staked. Soils generally uniform. Can extend perc field out between C+B if needed

TESTED BY: B Wilson ALSO PRESENT: J. A. Hill

EBC 10/89

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37774

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_

DATE Oct 9 1986  
~~June 30, 1986~~

*10/29/86  
failed test*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Conrad J. and Patricia Langenfelder Martha V. Langenfelder  
11904 Clarksville Road 5511 Hamilton Avenue  
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm LOT NO. 1

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

SIZE OF LOT 3.2 AC. TYPE BLDG. Residential  
(NUMBER OF BEDROOMS)

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.

*Steven M. [Signature]*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING H<sub>2</sub>O in several holes, slow perc in others, mottled damp soil. At present no area available for 10K field

*11/7/86 NOT SEASON REST w/ REDESIGN OF LOT LINES. S.H.W.*

# THIS IS NOT A PERMIT

(B)

c

SOIL PROFILE

gritty hard  
chunky sandy,  
clay sandstone  
mix  
3 1/2'  
orange/white  
gritty sandy  
sandstone  
mix  
8' to orange  
grey silty  
mud  
loam

12' D

(D)

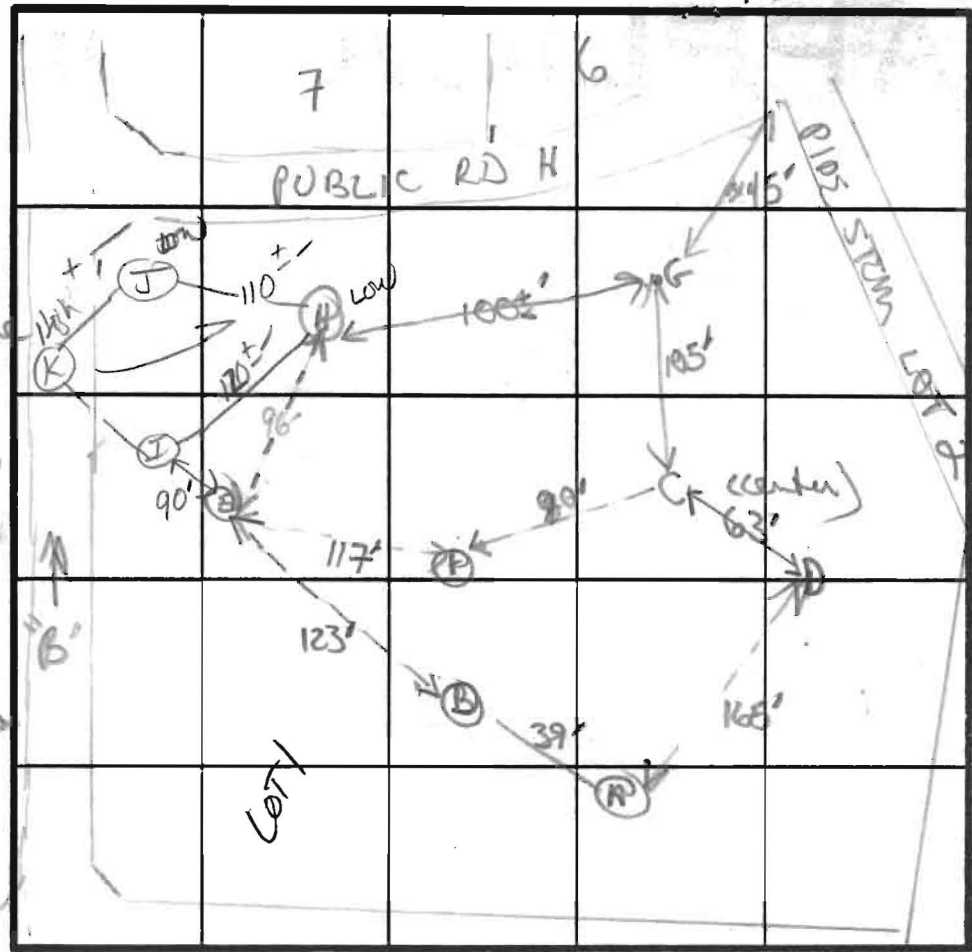
AP ZONE 34"  
orange/yellow  
chunky/gritty  
to tan  
brown  
gritty with  
patches of  
sandstone  
sandy loam

10' D

(E)

brown gritty  
sandy clay  
sandstone  
layer, crushed  
+ frogs

to orange brown  
silty w/ weathered  
shale  
↓ damp, mottled  
H<sub>2</sub>O at 11'  
12' D



brown sandy  
loam with  
gravelly type  
sandstone  
mix  
3 1/2'  
mix crushed  
loam (sandstone)  
grey silty  
loam  
8 1/2' sandy  
mottled soil

Truckle H<sub>2</sub>O

11' D

A

similar top  
soil layers  
to B

8' to brown  
darker  
brown  
silty  
loam  
H<sub>2</sub>O 11'

exclude

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
10/29/86	C	4' S 8' M 12' D	220 220	227 243	277 320	240 41"	13 min ?
	D	3 1/2 S 10 1/2 D	223	253	253	320 4 1/2"	
	F	7' hard bottom	(see profile)		(see profile)		exclude
	(2)	4 8 12' D	300 300	NOT MOVING			failed failed
	(B)	? soils	(truckle H <sub>2</sub> O 11')				failed
	(A)	H <sub>2</sub> O 11' D					failed

see page 2

PREC. FIELD ADJUSTED  
H<sub>2</sub>O in several holes

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT