

APPLICATION

PERCOLATION TESTING

A 488 ³⁹

P _____

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

DISTRICT _____

DATE 1/7/93

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 Joseph M. Zoller, III DR. DIANE FENG
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 24 P/O 13 23

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection. (11633 Quarterfield Drive) BLDG. PERMIT SIGNED

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 3 Brm
(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. By: [Signature] VP
(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

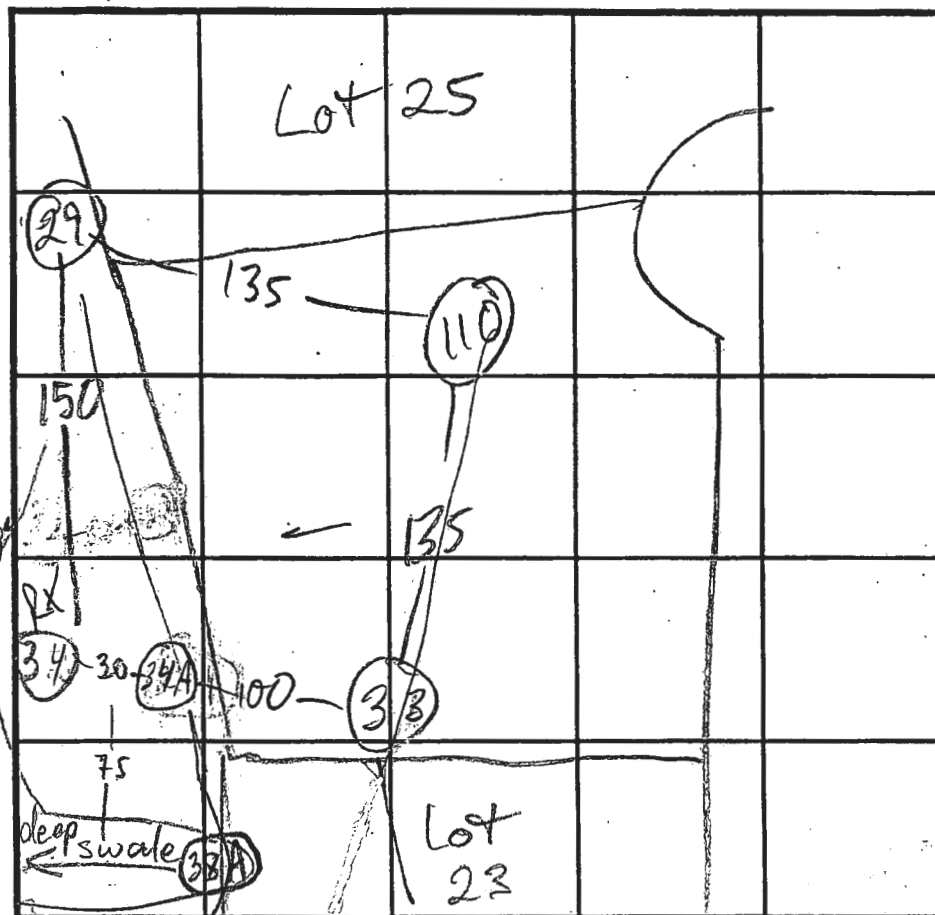
A48848
 COUNTY #
 Lot 24

SOIL PROFILE

0' (34)
 yel red
 brn
 sa cl lm
 3
 brn
 tan
 sa lm
 30-40 20
 blocky
 quartz
 frags
 HARD BOT

9
 (34A)
 brn
 sa
 cl lm
 3
 brn
 sa mica
 lm
 20-25 %
 yel + blk
 saprolite
 ↑ w/depth
 11 1/2

(30)
 brn
 sa cl
 lm
 3-4
 brn
 tan
 sa lm
 25 %
 quartz
 saprolite
 frags
 11 1/2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (110)
 brn sa
 cl lm
 3 1/2
 brn w/
 wh flecks
 sa mica
 lm
 10 %
 frags
 12 1/2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/93	34 V	9	NOT PERC'D		FAIL		
	34A S	4 1/2	2:42	2:44	2:44	2:46	2
	34A M	9	2:44	2:46	2:46	2:49	3
	34A V	11 1/2					
	33 S	5	2:54	2:56	2:56	2:58	2
	33 M	9	2:57	2:59	2:59	3:11	12
	33 V	11 1/2					
2/11/93	110 S	4 1/2	3:31:00	3:33:00	3:33:00	3:35:00	2 min
	110 M	9	3:31:45	3:32:30	3:32:30	3:33:30	1 min
	110 V	12 1/2	see profile				

REMARKS AVOID (34); ALL OTHERS OK

TYPE OF SOIL _____

TESTED BY M. Rifkin ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 2

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

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PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 23 12 & 11

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection.

TAX MAP 23 PARCEL# 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
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A48839

Lot 23 COUNTY #

SOIL PROFILE

0' (38) (39) (38A)

brn sa

cl lm

3-4

brn tan

sa lm

25%

quartz

saprolite

frags

11 1/2 - 12 1/2

(39)

brn

sa cl lm

10%

quartz

frags

3-4

brn tan

sa lm

25%

65%

saprolite

frags

11 1/2

(III) (42)

red

brn

sa cl

lm

3 1/2

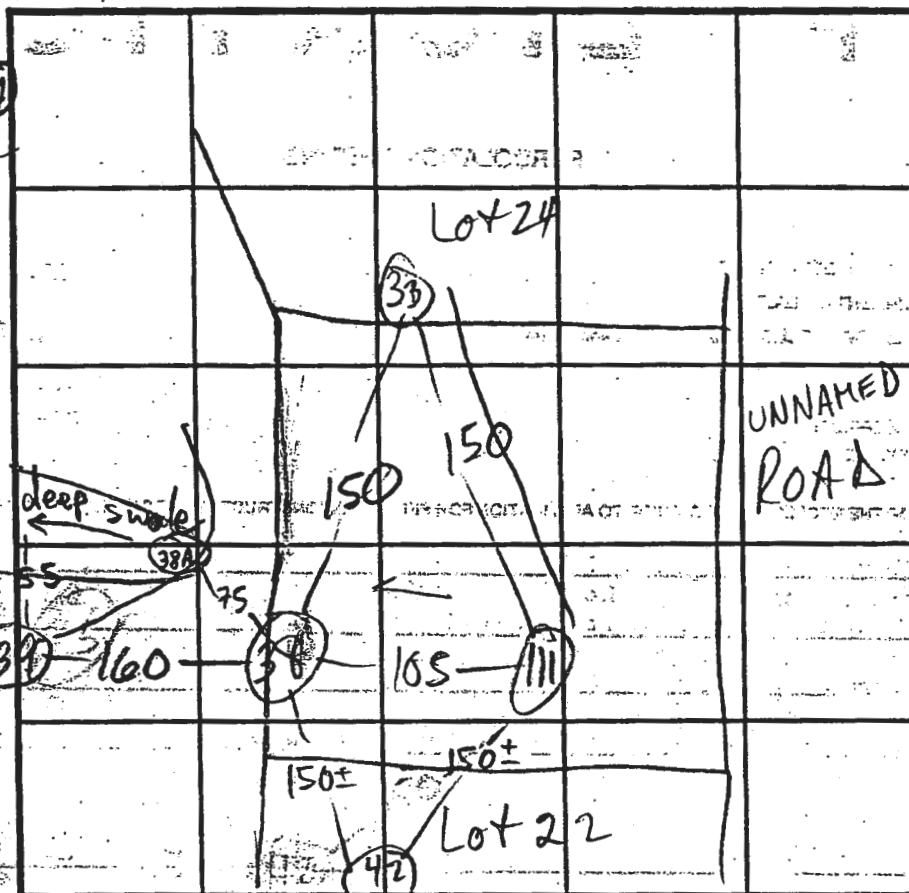
brn

sa lm

15%

quartz

other frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/93	38	5	3:15	3:16	3:16	3:19	3
	38	9	3:16:15	3:16:40	3:16:40	3:18:40	2
	38	12 1/2	2:54	2:56	2:56	2:59	2
	38	9	2:57	2:59	2:59	3:11	12
	38 V	11 1/2	see	profile			
	39 S	5	3:24:40	3:27	3:27	3:31	4
	39 M	8	3:26	3:26:40	3:26:40	3:28	1 min
	39 V	11 1/2	3:45:45	3:46:45	3:46:45	3:48:00	1 min
2/11/93	III S	9	3:46:15	3:47:30	3:47:30	3:50:45	3 min
	III V	12	see	profile			
	38A V	13 1/2	OK - DRY	see	profile		
2/4/93	42 S	4 1/2	11:58:30	12:00:30	12:00:30	12:02:30	2
	42 M	9	11:59:00	12:02:00	12:02:00	12:01:00	1
	42 V	13	see	profile			

REMARKS

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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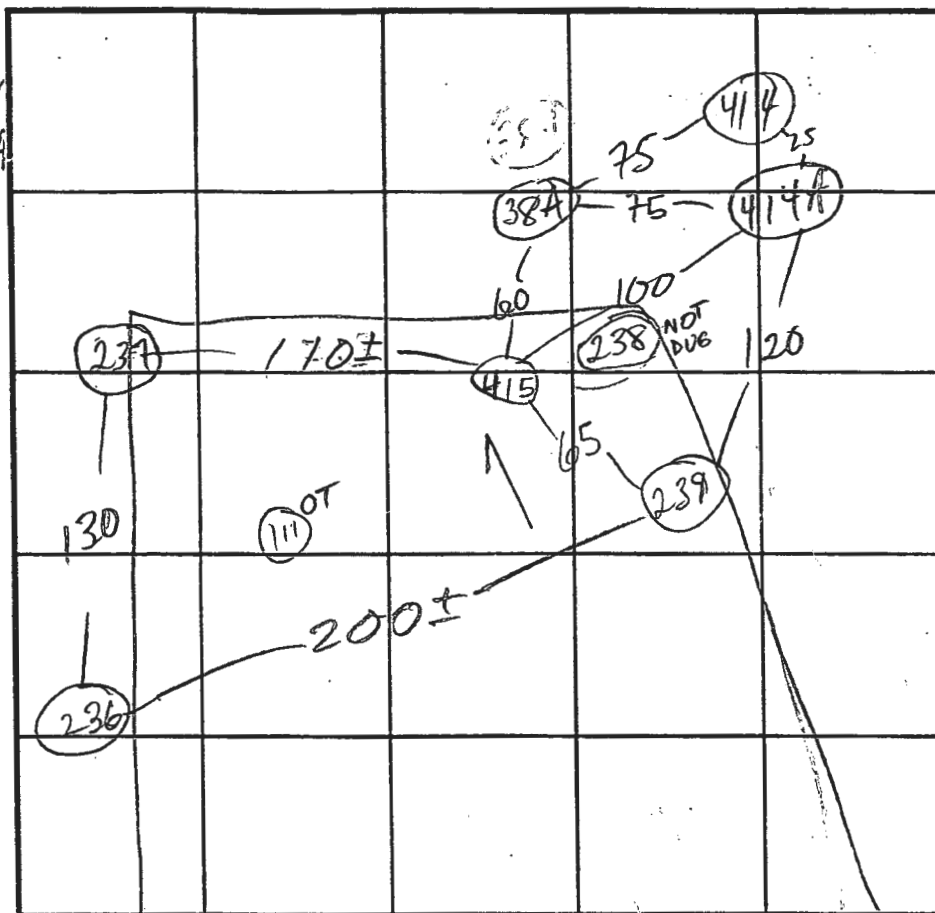
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THIS IS NOT A PERMIT

0	HARD BOT
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SOIL PROFILE

MAIN RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/21/94	237S	4 1/2	11:11:45			11:12:20	FAST
	237 ^S _V	4 1/2	11:12:55			11:13:45	FAST
	237 ^S _V	11	11:14:45	11:15:20	11:15:20	11:16:00	FAST
	415S	4	11:17:00	11:17:45	11:17:45	11:18:45	1
	415S	4	12:00:15	12:01:00	12:01:00	12:02:00	1
	415V	11' 10"					
	239S	4 1/2	1:18:35	1:19:20	1:19:20	MISSED	TIME
	239V	11	1:20:45	1:21:45	1:21:45	1:23:45	2
	239V	11	Sim				
	236S	2 1/2	10:37	10:39	10:39	10:43	4
	236V	10					
	414V	11 1/2	HARD	SHELF @	3 1/2		
	414 ^S _V	3' 9" 12 1/2	11:49	11:50	11:50	11:51	1

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM