

# APPLICATION

PERCOLATION TESTING

A 517386

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE July 26, 2007

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 Christopher R. Cole and Victoria Gail Gray

ADDRESS 12182 Scaggsville Rd, Fulton, MD PHONE 301-776-0181

AGENT OR PROSPECTIVE BUYER James M. Jost & Co., Inc.

ADDRESS 7370 Grove Drive, Columbia, MD PHONE 443-535-9200

PROPERTY LOCATION:

SUBDIVISION Cecil Cole Property LOT NO. 5

ROAD AND DESCRIPTION MD Route 216, 12,200 Block, north side  
of road

TAX MAP 41 PARCEL # Z

SIZE OF LOT 1 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. James M. Jost  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

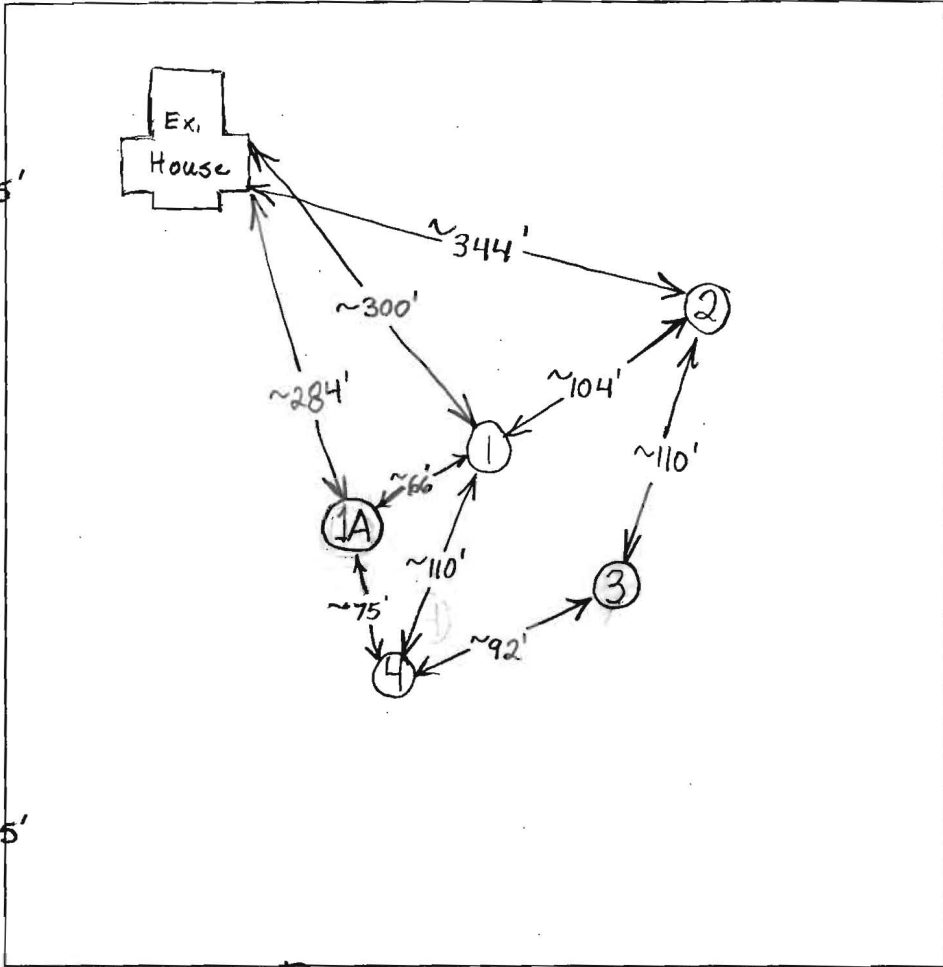
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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

AP ①  
 Red Br Heavy Loam and Si Cl Loam 4'-4.5'  
 Purple and Or Si Loam  
 ~10% Rock  
 Water 13.5'



④  
 Red Br Gray + Or Mottled Heavy Loam 4'-4.5'  
 Red Br and Or Br Mica Loam  
 ~40% Rock and Saprolite  
 Water 14'

②  
 Red Br Heavy Loam and Si Cl Loam 4'-5.5'  
 Or and Red Si Cl Loam and Si Loam  
 ~10% Rock 8.5'  
 Red Br Si Loam Very Little Rock 11.5'  
 Caving Water 12'

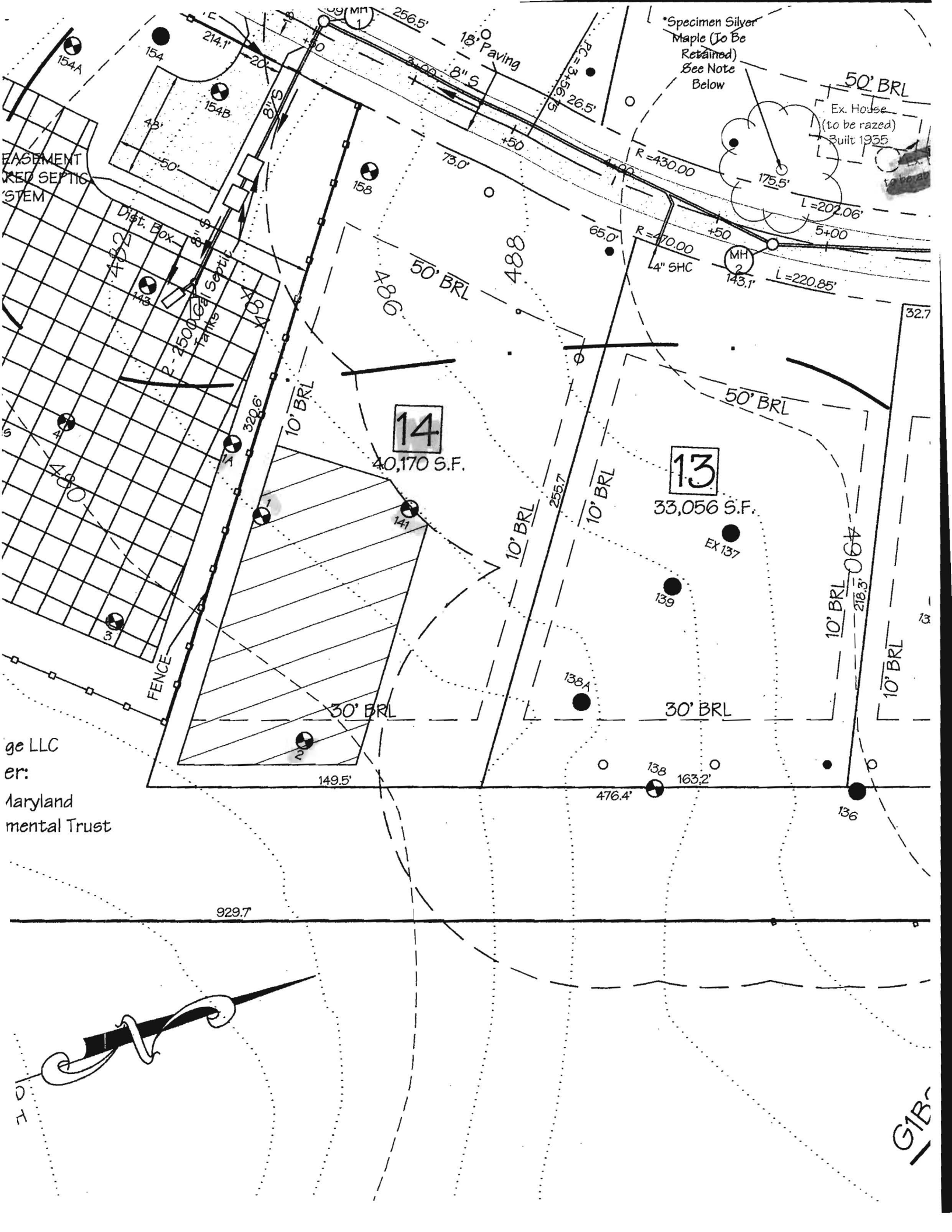
①A  
 Red Br Heavy Loam and Or Br Si Loam 4.5'  
 Red Br Sa Loam and Or Br Si Loam  
 Very Little Rock 6.5'  
 Red Br Sa Mica Loam 25-30% Rock and Saprolite 13'

Route 216

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
11/18/03	1	5.5' / 13.5' V	10:47	10:58	11:25	27	
		8'	10:48	10:51:20	10:59	7 1/2	
	2	6' / 12' V	11:07	11:25:30	11:56:30	31	O.K.
		10'	11:07	11:12	11:22	10	
	3	6' / 13.5' V	11:38:30	11:46:45	12:06:45	19	
		9'	11:39	11:45	11:54	9	
	4	6' / 14' V	12:11	12:13	12:17	4	
		9'	12:12	12:15	12:27	12	
	1A	6' / 13' V	12:42	12:43:15	12:45:40	2 1/2	
		8.5'	12:43	12:46:15	12:52:45	6 1/2	

③  
 Red Br Heavy Loam and Si Cl Loam 5.5'  
 Red Br Si Loam  
 Caving Water 12'  
 Water 13.5'

REMARKS Max. Trench Depth of 7'  
 SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



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 er:  
 Maryland  
 mental Trust

929.7

14

40,170 S.F.

13

33,056 S.F.

GIB

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# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

(154A)

Red Br Heavy Loam 3.5'-4'  
 Red Br Sa Loam  
 ~20% Rock and Saprolite  
 13'

(154B)

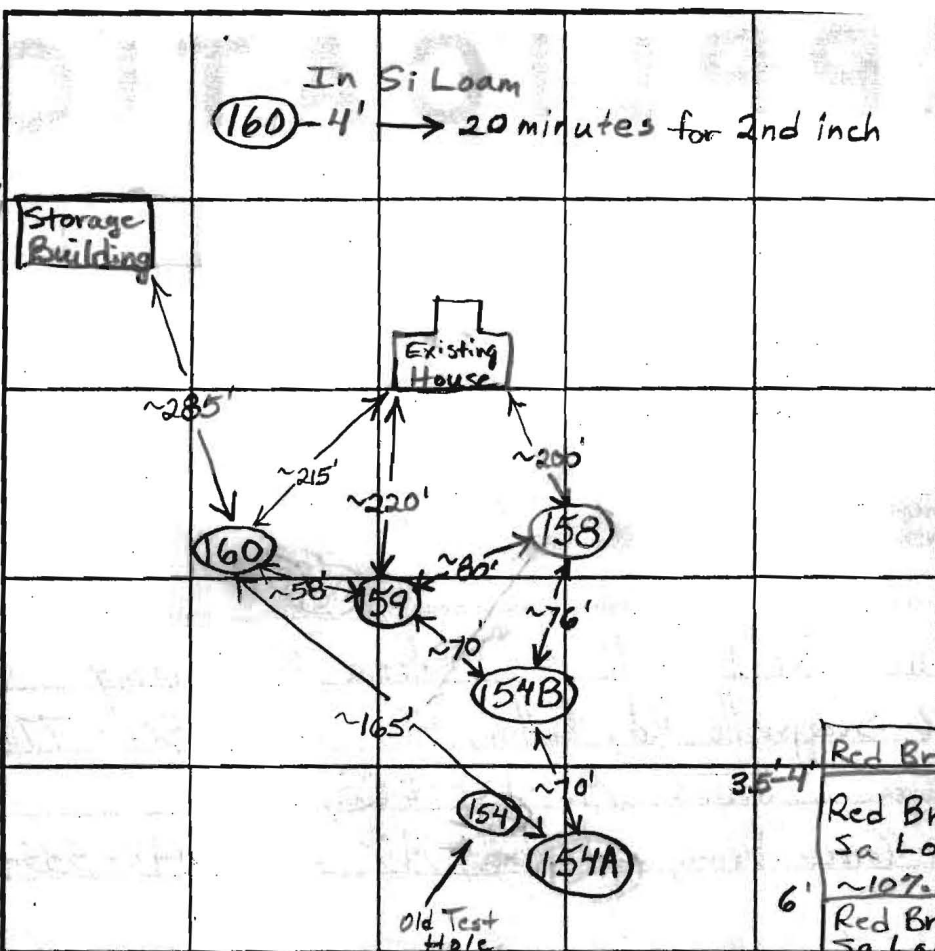
Red Br Loam 3.5'  
 Red Br Loams Predominantly Sa Loam  
 ~15% Rock 5.5'

Red Br Sa Loam  
 25-30% Rock and Saprolite  
 13.5'

(158)

Red Br Heavy Loam 3.5'-4.5'  
 Red Br Loam  
 ~10% Rock  
 5.5'-6'

Beige Sa Loam  
 35-45% Rock and Saprolite  
 14'



SOIL PROFILE

(159)

Red Br Heavy Loam 3.5'-4'  
 Red Br Si Loam 4.5'-5.5'  
 Beige Sa Loam  
 ~20% Rock and Saprolite  
 15'

(160)  
 Red Br Heavy Loam  
 Red Br Si Loam and Sa Loam  
 ~10% Rock  
 Red Br and Beige Sa Loam  
 6'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 216

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/15/03	154A	4' / 13' V	12:05	12:08	12:08	12:14	6
		6.5'	12:06:30	12:09:15	12:09:15	12:14	~5
	154B	4' 4" / 13.5' V	12:27:30	12:28:30	12:28:30	12:30	1 1/2
		6' 3"	12:28:30	12:29:30	12:29:30	12:31:45	2 1/2
	158	4' / 14' V	12:49:45	12:53:45	12:53:45	1:01	7
		6' 9"	12:49	12:52:20	12:52:20	1:01	9
	159	6'	1:53:30	1:56:45	1:56:45	2:06	9 1/2
		4.5' / 15' V	1:37	1:47	1:47	1:07	20
	160	6.5'	1:36	1:39:10	1:39:10	1:44:45	5 1/2
		4' 2" / 6'	2:11:30	2:14:30	2:14:30	2:19	4 1/2
		6'	2:11:30	2:16:15	2:16:15	2:26:15	10

REMARKS 158 - Tested at 5' 8" Slow, in Clay Pocket, Add to 4' Rate

TYPE OF SOIL If Trenches Above 5.5'

TESTED BY Brian Baker ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

O.K. ↓

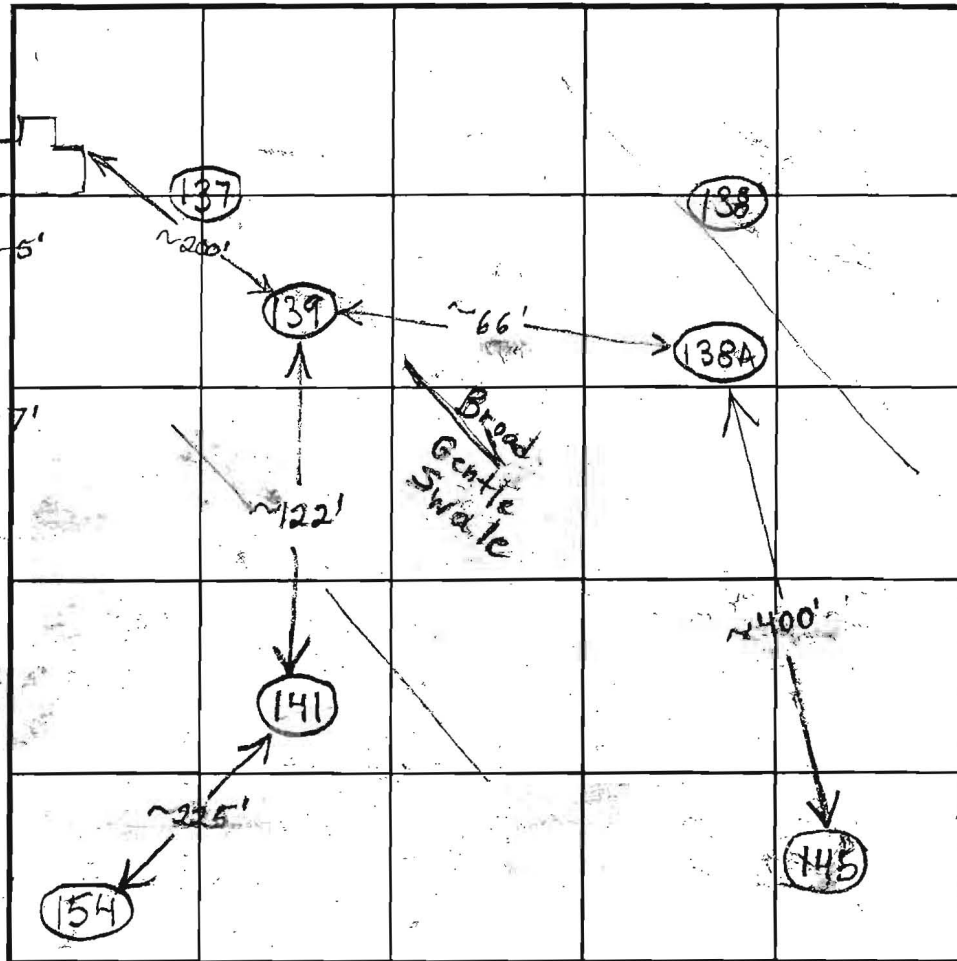
COUNTY #

SOIL PROFILE

0' (141)  
 Red Br and Or Br Heavy Loam 4.5' - 5'  
 Red Br and Or Br Loam and Red Br Si Loam 6.5' - 7'  
 Red Br Sa Loam ~20% Rock and Saprolite 13.5'

(139)  
 Red Br and Or Br Heavy Loam 5.5'  
 Red Br and Or Br Heavy Loam and Loam - Very Dense Becoming Sandier with Depth ~10% Rock and Saprolite 13.3'

(138A)  
 Red Br and Or Br Heavy Loam Gradually Turning to a Si Loam Below 7.5' Less Than 10% Rock



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/31/03	141	5' / 13.5'	10:21	~3/8" in	15 minutes	Slow	O.K.
		6' 4"	10:20:30	10:34:15	10:34:15	11:00	~26
	139	6' 6" / 13.3'	11:21:30	~3/8" in	15 minutes	Slow	(F)
	138A	6' 8" / 14.5'	11:45	~3/8" in	15 minutes	Slow	(F)

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY B. Baker / F. Alfonso ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH 14.5 MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_