

APPLICATION

PERCOLATION TESTING

A 516084
P _____

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

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 SECURITY DEVELOPMENT, L.L.C.
P.O. BOX 417
ADDRESS ELLICOTT CITY, MD 21041 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION HOMEWOOD LOT NO. 84
ROAD AND DESCRIPTION HOMEWOOD ROAD

TAX MAP 23 & 29 PARCEL # 20 & 86
SIZE OF LOT 1 ACRE ± TYPE BLDG. SINGLE FAMILY DETACHED
(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.
SECURITY DEVELOPMENT L.L.C.
BY: [Signature]
(SIGNATURE OF APPLICANT) STEVEN K. BIRBAUM

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

516084

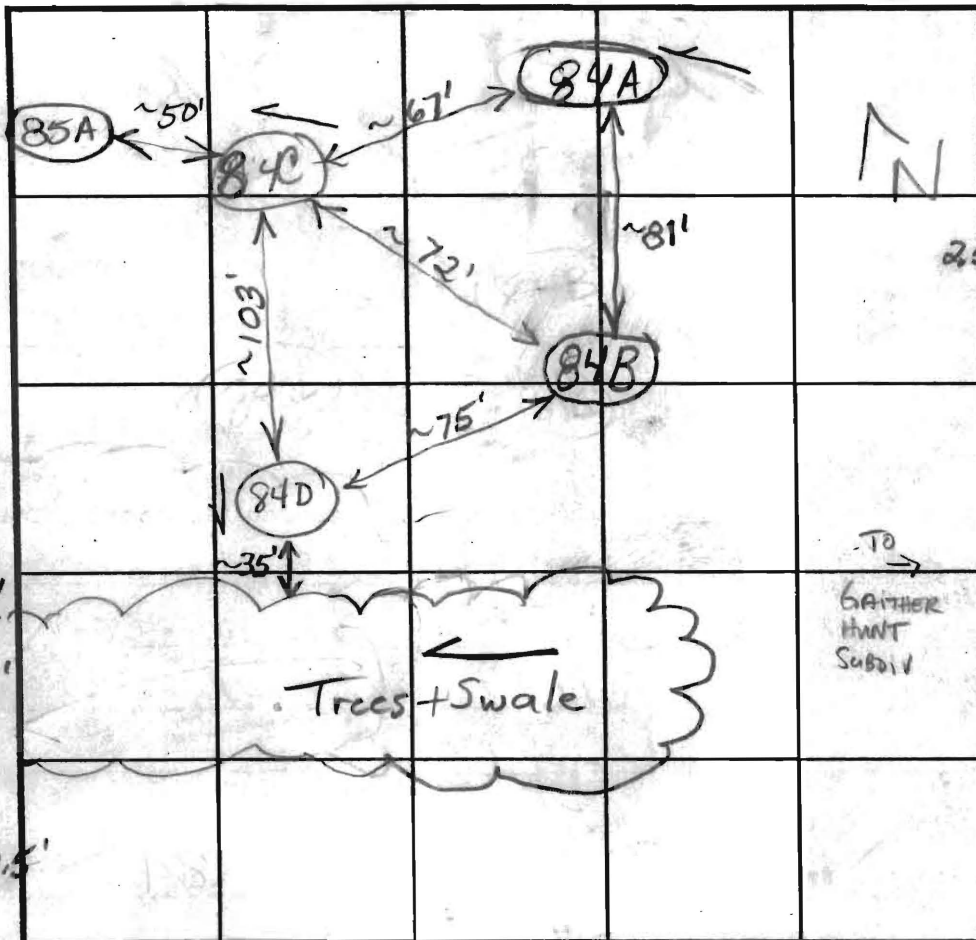
COUNTY #

SOIL PROFILE

0' **84D**
 Wk rd brn
 hvy Lm
 3'
 Sandy Loam
 10% Saprolite
 mottled grey strong brn
 8'
 Caving Water
 9 1/2'
 13'

84C
 Red Br Heavy Loam
 2-2.5'
 White and Br Sa Loams
 ~10% Saprolite
 15'

84B
 Red Br Loam
 3-3.5'
 Med Br Sa Loam
 5-10% Saprolite
 6'
 Light Br Sa Loam
 5-10% Saprolite
 11'
 Blue Grey Mottling
 14'



SOIL PROFILE

0' **84A**
 Red Br Heavy Loam
 25-4'
 Red Br Sa Loam
 5-10% Saprolite
 5.5'
 Light Blue and Brown Sa Loam
 5-10% Saprolite
 No Clear Evidence of Mottling
 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

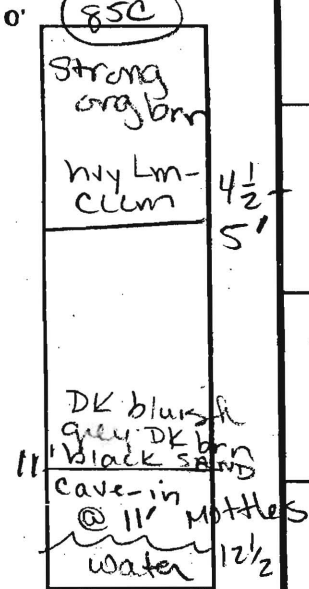
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
6/21/02	84D	Water & mottles						(F)	
7/2/02	84C	6.5'/15'V	8:11	8:11:45	8:11:45	8:12:45	1	OK	
		4"	8:11:30	8:13:30	8:13:30	8:16:30	3		
		12" x 12"	6.5	8:17:30	8:19:15	8:19:15	8:21:45	2 1/2	
8/1/02	84B	5.5'/14'V	12:53	12:53:20	12:53:20	12:54:15	1 min	WS	
		7'	12:53	12:54	12:54	12:56	2		
	84A	4.5'/14'V	1:03:15	1:06:45	1:06:45	1:12:15	5 1/2	OK	
		6'	1:03:15	1:13	1:13	1:27	14		
		Hole 85A	CONSISTENT w/ these results						

REMARKS Holes Dug Per Plan 84B Wet Season
 TYPE OF SOIL _____
 TESTED BY B. Baker/K. Noonan ALSO PRESENT Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

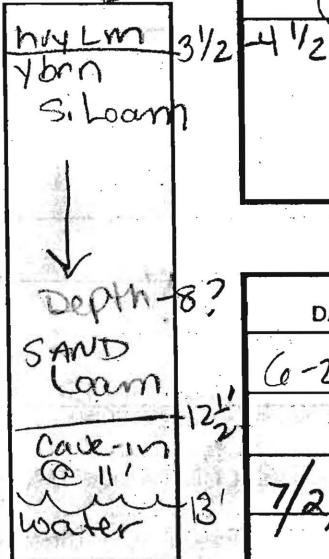
516084

COUNTY #

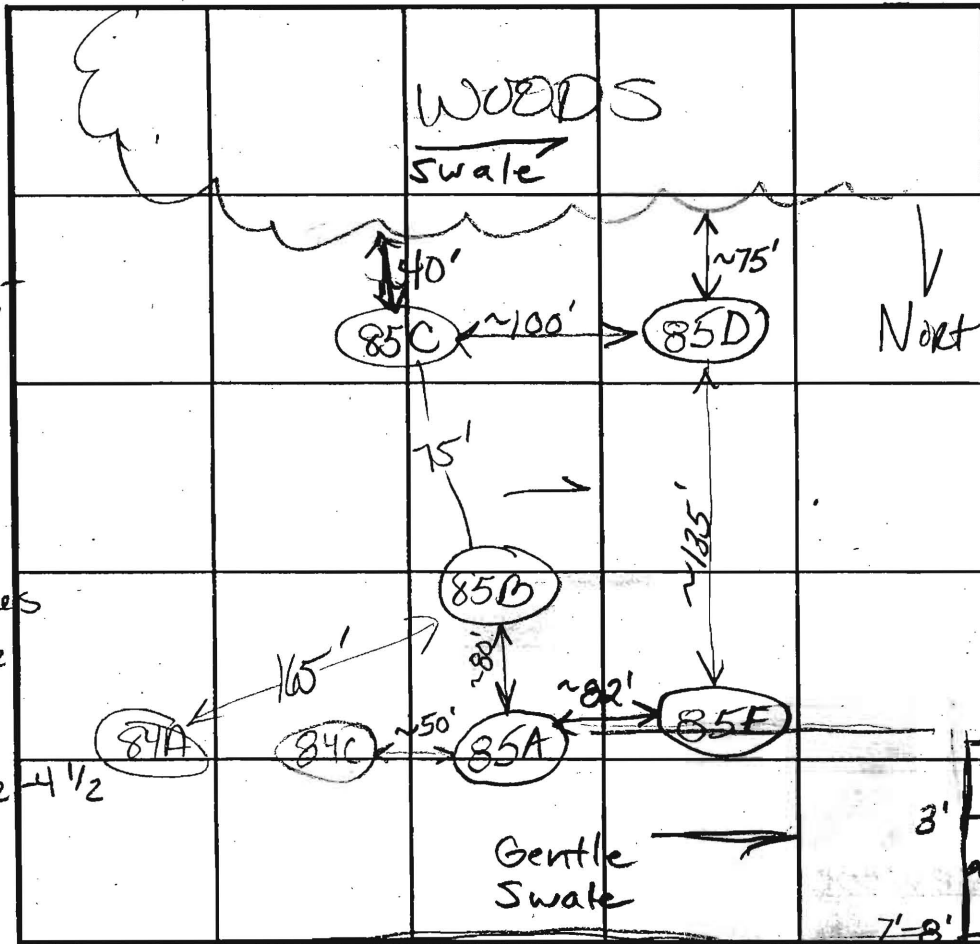
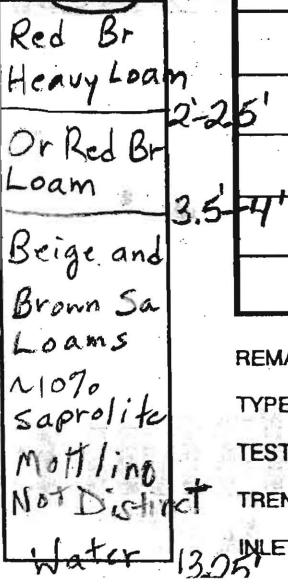
SOIL PROFILE



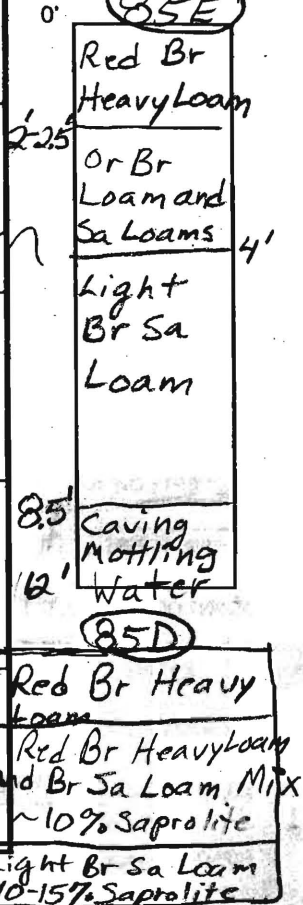
85B



85A



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-21-02	85C	12.5' V					FAIL
	85B	13' V					WS
7/2/02	85A	3.5' / 13 1/4'	8:30	8:54	8:54	~1/4" in 20 min	Slow
		7'	8:30	8:31	8:31	8:32:15	1 min 15 sec WS
	12" x 12"	7'	8:36:30	8:39	8:39	8:42	3
	85E	5' / 12' V	9:03	9:03:30	9:03:30	9:05:20	~2 (F)
		7.5'	9:07:30	9:09:30	9:09:30	9:13	3 1/2
		(Caving as Being Tested)					
	85D	3.5' / 14.5' V	No Time	9:22:30	9:22:30	9:37	14 1/2 (F)
		6.5'	9:22	~1/4" in 10 minutes			Slow

REMARKS: Holes Dug Per Plan Lot 85 is Wet Season
 TYPE OF SOIL: _____
 TESTED BY: B. Baker / K. Noonan ALSO PRESENT: Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

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HOWARD COUNTY HEALTH DEPARTMENT
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3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

DISTRICT _____

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ELLICOTT CITY, MARYLAND

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Riverwood LOT NO. 17/18

ROAD AND DESCRIPTION _____

TAX MAP NO. _____ PARCEL # _____

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

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(SIGNATURE OF APPLICANT)

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DISAPPROVED BY _____ FOR _____ DATE _____

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REASONS FOR REJECTION OR HOLDING _____

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 228

orange
brn
clm

3'

dank
brn
salm
pockets
of
decayed
feldspar
&
mica

12

227

lgt
br. brn
clm

4 1/2

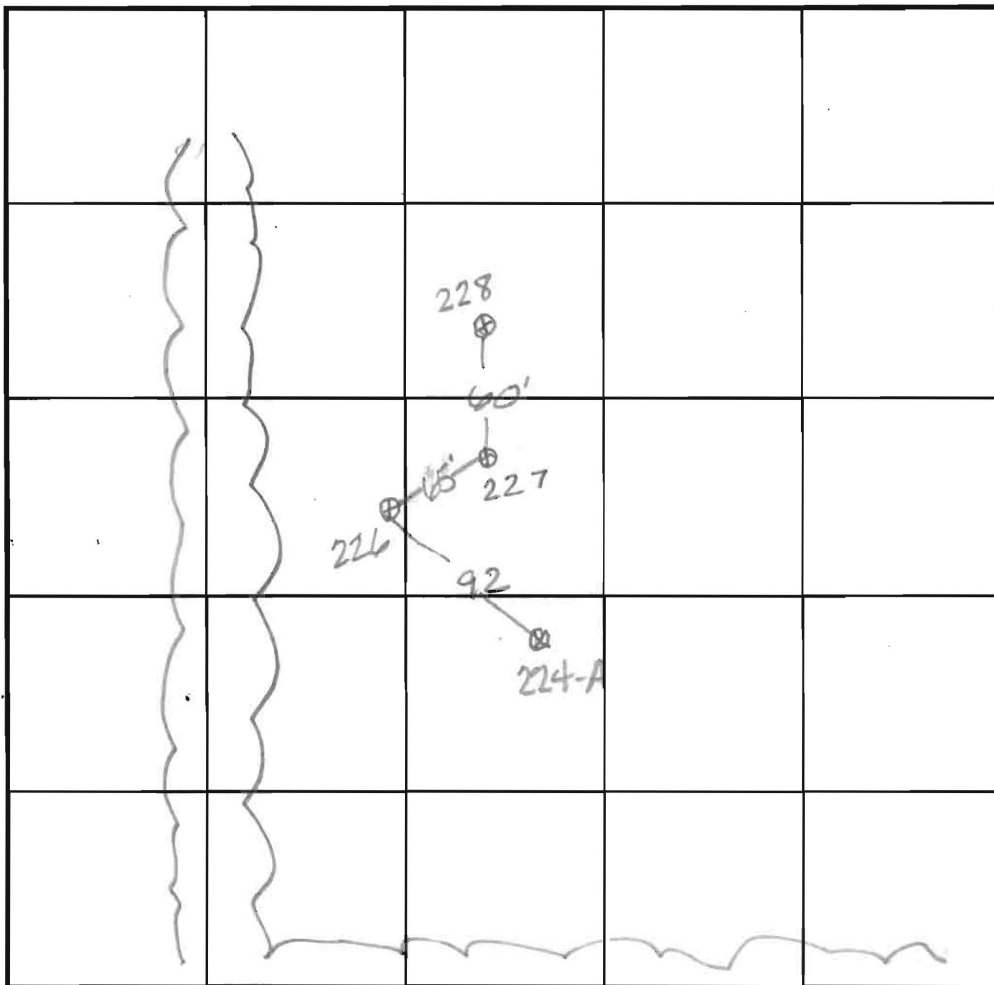
lgt
br
salm
small
pockets
of
decayed
feldspar

14 1/2

226

Visual
to
13'
like
227

13'



SOIL PROFILE

0' 224-A

dark
brn
salm

2 1/2

lgt
brn
salm
40%
of hole
decayed
feldspar
salm
no
rock

12 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-28-03	228	5'	5:17	5:19	5:19	5:21	2min
	228	7'	5:18	5:29	5:21	5:24	3min
	227	7'	5:23	5:26	5:26	5:30	4min
	226	7'	5:26	5:31	5:31	5:36	5min
	224A	3 1/2	5:27	5:36	5:36	5:50	14min
	224A	6 1/2	5:27	5:39	5:39	5:54	15min

REMARKS Test holes opened @ 1:30 pm

TYPE OF SOIL _____

TESTED BY Amy Hart

TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____

ALSO PRESENT John Canney

TRENCH WIDTH _____

SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE (224)

Red Br and Or Br Loam 2.5'-3'
 Med Br Sa Loam
 15-20% Rock and Saprolite
 Water 15'

(222)

Red Br Loam 2.5'-3'
 Or Br Sa Loam and Red Br Si Loam 4'

Tan Sa Loam

5-10% Rock and Saprolite
 16'

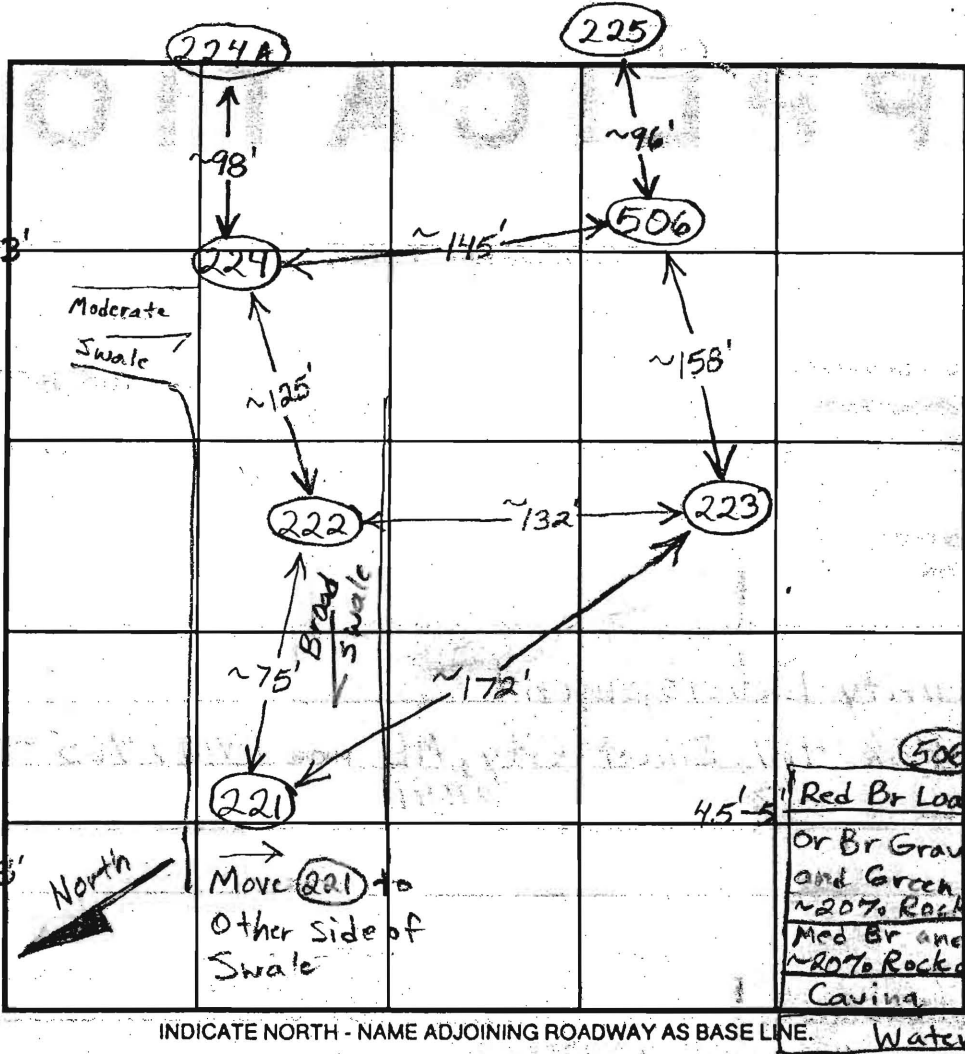
(221)

Red Br Heavy Loam 2.5'-3.5'

Or Br Loam 4'

Dense Or Br Sa Loam 4.5'

Tan Sa Loam
 ~15% Rock and Saprolite
 15.5'



SOIL PROFILE (223)

Red Br Loam 2.5'-3'
 Or Br Loam and Sa Loam 3.5'-4.5'
 Beige Sa Loam
 15-20% Rock and Saprolite
 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
5/20/03	224	3'9" / 15'V	10:42	10:46	10:46	10:52	6	O.K.
		5'10"	10:37	10:38:30	10:38:30	10:40:45	~2 1/2	
	222	4'3" / 16'V	11:00	11:03	11:03	11:08	5	O.K.
		6.5'	10:59:30	11:02	11:02	11:06:30	4 1/2	
	221	4'3" / 15.5'V	11:20	~1/8" in 10 minutes			Slow	O.K.
		6'10"	11:20:15	11:22:30	11:22:30	11:25:45	~3 1/2	
		5'	11:30	11:36:30	11:36:30	11:51:30	14	
	223	3'10" / 14'V	11:53	12:06:30	12:06:30	12:33:30	27	O.K.
		6.5'	11:53:30	11:56	11:56	11:59	3	
	506	4'3" / 12'V	12:28:45	Little Movement in 10 minutes			Slow	(F)
		5' / 12'V	12:27	12:31:45	12:31:45	12:40:45	9	
		7'	12:26:30	12:36	12:36	12:50	14	

REMARKS: Move Farther Away From Swale

TESTED BY: B. Baker / F. Alfonso

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

5069 351
12020 OPEN RUN ROAD
14 AC(±)

Signed Perc Cert
by H.O.
7-10-03
Revised PC which was
signed 12/9/08



CHB2

CHB2

C962

MIPS

E103

EKB2

CHC3

OPEN RUN ROAD

OPEN SPACE
FOREST
CONSERVATION

PERC 506
WSREQ'D

PERC 509
WSREQ'D

PERC 506
WSREQ'D

PERC 506
WSREQ'D

PERC 509
WSREQ'D

PERC 509
WSREQ'D

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