

APPLICATION

PERCOLATION TESTING

A 516063

P _____

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

DISTRICT 5TH
^{10/10/01}
DATE 2/9/01

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 D. R. HORTON
ADDRESS 1370 PICCARD DRNE
ROCKVILLE MD 20850 PHONE 301-670-6144

AGENT OR PROSPECTIVE BUYER CLARK SPERRY
ADDRESS P.O. BOX 417
ELLICOTT CITY MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SUBDIVISION PALMER PROPERTY LOT NO. _____
ROAD AND DESCRIPTION TEN OAKS ROAD
CLARKSVILLE

TAX MAP 34 PARCEL # 77

SIZE OF LOT 1 AC ± 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.

(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

COUNTY #

SOIL PROFILE

0' (378)
 Red Br Heavy Loam
 2'-2.5'
 Or Br Sa Loam
 One Pocket of 750% Rock From 3'-4.5'
 ~15% Rock
 13'10"

(376)

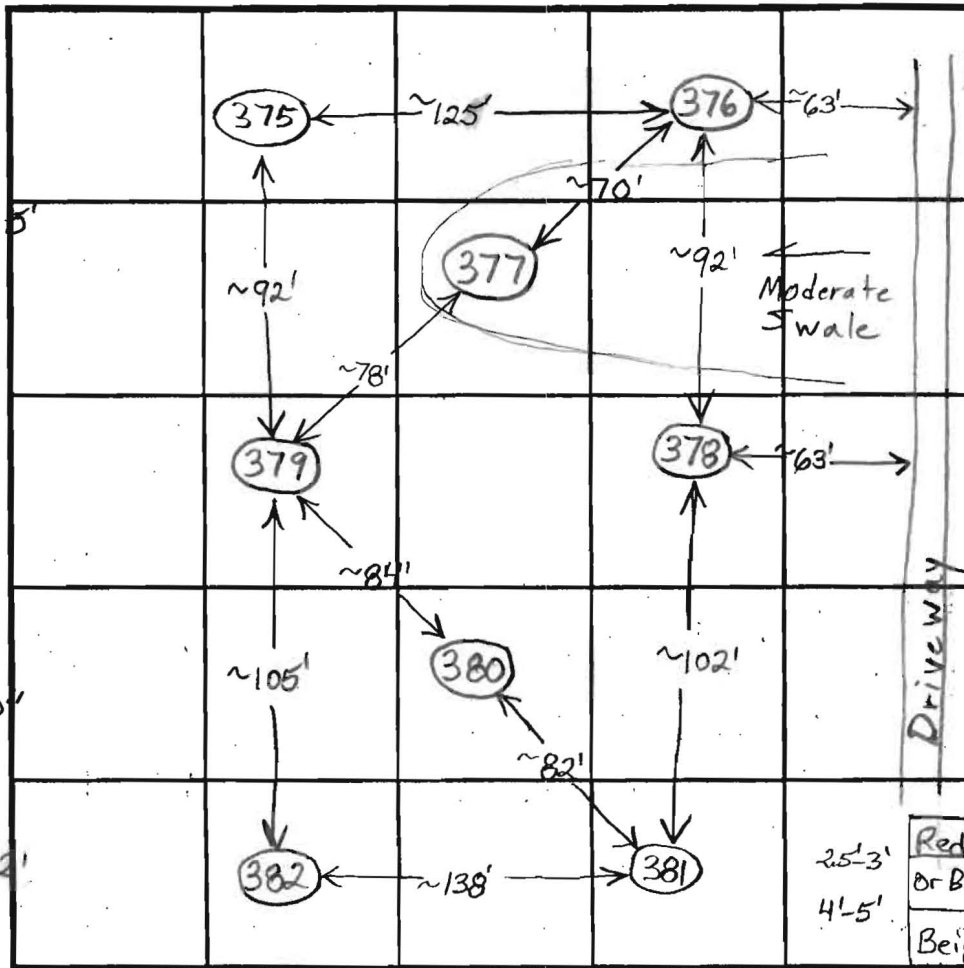
Red Br Loam and Topsoil
 1.5'-2'
 Light Br Sa Loam
 ~15% Rock

Pockets of 750% Rock Below 7' Hard Bottom
 8'

(377)

Or Red Br Loam and Topsoil
 2.5'-3'
 Or Br Sa Loam

>50% Rock Below 7' Hard Bottom
 8'



SOIL PROFILE

0' (380)
 Or Red Loam and Topsoil
 2.5'-3.5'
 Tan Sa Loam
 ~15% Rock and Saprolite
 13'9"

(379)

Red Br Heavy Loam
 Or Br Loam and Sa Loam
 Beige Sa Loam
 15-20% Rock and Saprolite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ten Oaks Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/10/03	378	5' / 13'10"	10:26:50	10:27:20	10:27:20	10:28:15	~1	O.K.
		7.5'	10:28	10:31	10:31	10:35	4	
	376	3.5' / 8'V	10:53	10:55	10:55	10:56:30	1 1/2	Marg.
		7'	10:52:45	10:54	10:54	10:56:45	2 3/4	
	377	2'9" / 8'V	11:10	11:21	11:21	11:36	15	Marg.
		6'9"	11:07:45	11:10:25	11:10:25	11:14:20	~4	
		Bottom of Hole 8'	11:22	~2" Depth	Gone in Less Than 45 Minutes			
	380	3.5' / 13'9"V	11:37:15	11:41:15	11:41:15	11:49:15	~8	O.K.
		7'3"	11:37	11:39:30	11:39:30	11:42:45	~3	
	379	5' / 14'V	1:09	1:10:45	1:10:45	1:12:50	~2	O.K.
		7.5'	1:09:30	1:10:40	1:10:40	1:12:15	~1/2	

REMARKS
 TYPE OF SOIL 376 + 377 Fail Unless System can be installed with bottom at 4' or higher
 TESTED BY B. Baker ALSO PRESENT
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH
 INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

(504)

Red Br Loam

Red Br and Beige Sa Loam

~20% Rock

~40% Rock

Hard Bottom

(506)

Red Br Gravelly Cl Loam

Red Brand Or Br Si, Si Cl and Sa Loams

~10% Rock

Beige Sa Loam

15-20% Saprolite

(509)

Red Br Loam

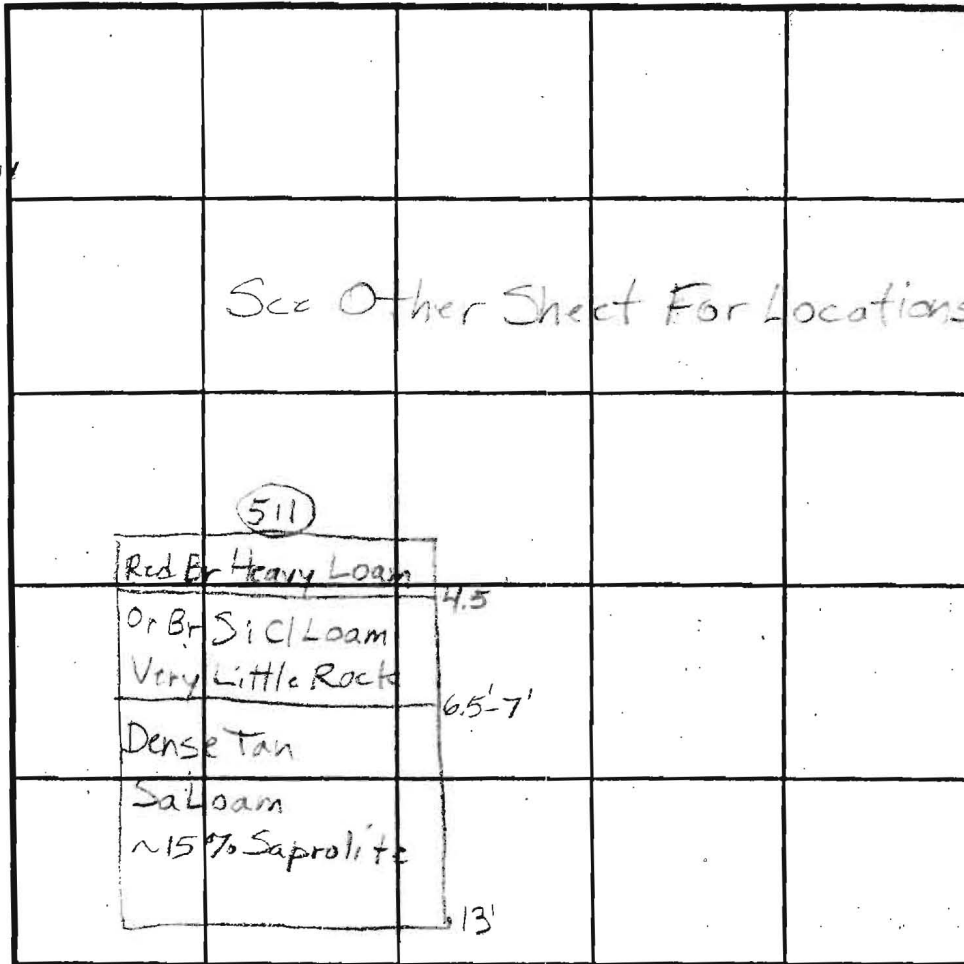
Dense Or Br Sa Loam

Beige Sa Loam

~15% Rock

30-35% Rock

Hard Bottom



SOIL PROFILE

(510)

Br Heavy Loam

Red Br Si Cl Loam

Or Br Sa Loam and Red Br Si Loam

Very Little Rock

Beige Sa Loam

10-15% Saprolite

Water

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
1/8/04	504	3' / 10' V	11:57	11:58:45	11:58:45	12:01:40	3	(F)
		7'	11:57:45	12:01:45	12:01:45	12:11:45	10	
	506	5' / 14' V	12:17:30	12:23:45	12:23:45	12:35:45	12	O.K.
		6' 9"	12:18	Not to 2nd Peg after 25				(Slow)
		6'	12:52	12:55:30	12:55:30	1:03:30	8	
	509	4' / 25' V	1:14:30	1:19:15	1:19:15	1:25:30	6 1/2	O.K.
		7'	1:14:30	1:16:30	1:16:30	1:19:30	3	
	510	4.5' / 13' V	1:34:30	1:40:15	1:40:15	1:51	11	O.K.
		6.5'	1:34:45	1:35:45	1:35:45	1:37:15	1 1/2	
	511	6' 8" / 13' V	1:58	~7/8" in 25 minutes				Slow O.K.
		7' 4"	1:59	2:08	2:08	2:26	18	

REMARKS

TYPE OF SOIL 504 Fails Unless Trenches Can Be Installed No Deeper

TESTED BY B. Baker ALSO PRESENT Than 6'

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

UTIL. POLE (TYP.)

EX. 15° CMP

N72°40'23"E 878.02

POLE (TYP.)

N10°40'23"W 693.00

VARFIELD
519
43
RRDECO

*Synal
RC*

PRES. PARCEL MGMT.
FOR STORMWATER
H.O.A. OWNED
HO. CO. EASEMENT HOLDER

