

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT 5TH

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

(504)

Red Br Loam

2'-4'

Red Br and Beige Sa Loam

~20% Rock

8'

~40% Rock

Hard Bottom

10'

(506)

Red Br Gravelly Cl Loam

4'

Red Brand Or Br Si, Si Cl and Sa Loams

~10% Rock

Beige Sa Loam

15-20% Saprolite

14'

(509)

Red Br Loam

3'

Dense Or Br Sa Loam

4'

Beige Sa Loam

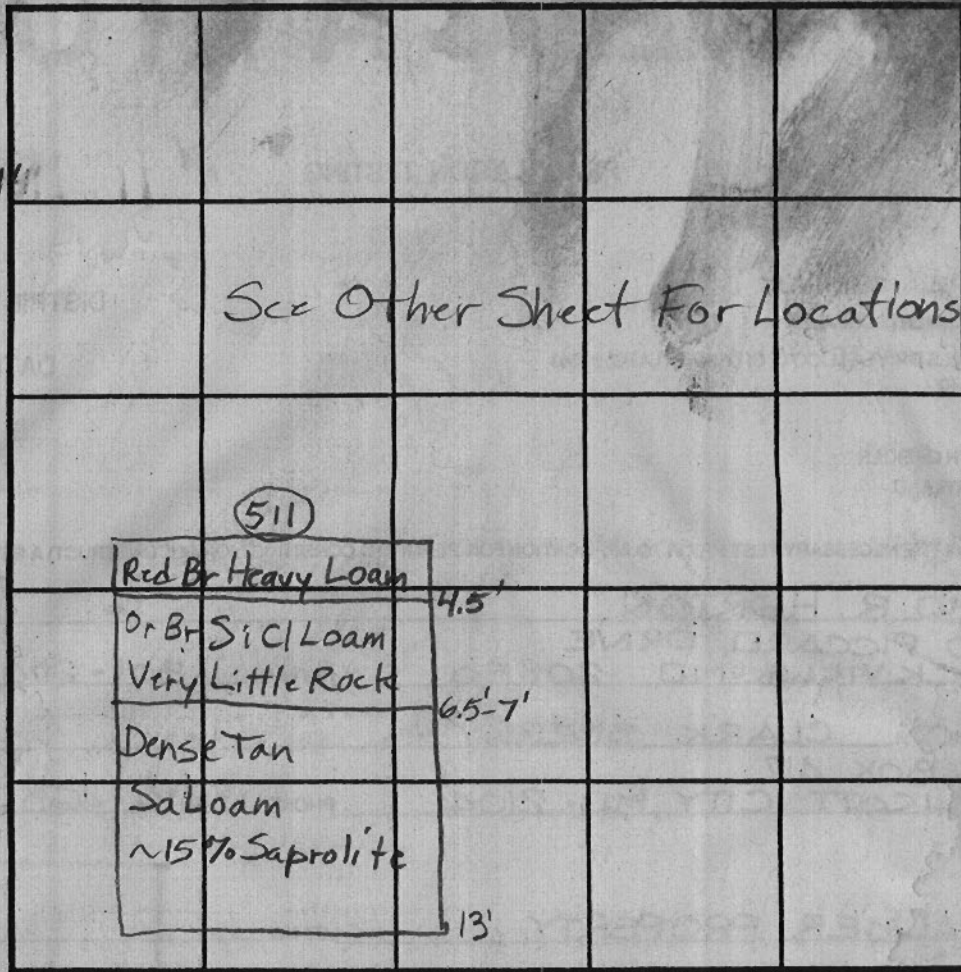
~15% Rock

8.5'

30-35% Rock

Hard Bottom

12.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (510)

Br Heavy Loam

2'

Red Br Si Cl Loam

3.5'

Or Br Sa Loam and Red Br Si Loam

Very Little Rock

5.5'

Beige Sa Loam

10-15% Saprolite

Water

13'

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 1st 2nd Peg after 25				(Slow)
		6'	12:52	12:55:30	12:55:30	1:03:30	8	
	509	4' / 12.5'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

COUNTY #

SOIL PROFILE

0' (220)  
 Red Br  
 Cl Loam  
 3.5' Red Br Sa  
 Cl Loam  
 Varying  
 Amounts of  
 clay  
 7' Light Br  
 Si Loam  
 ~15% Rock

(218)

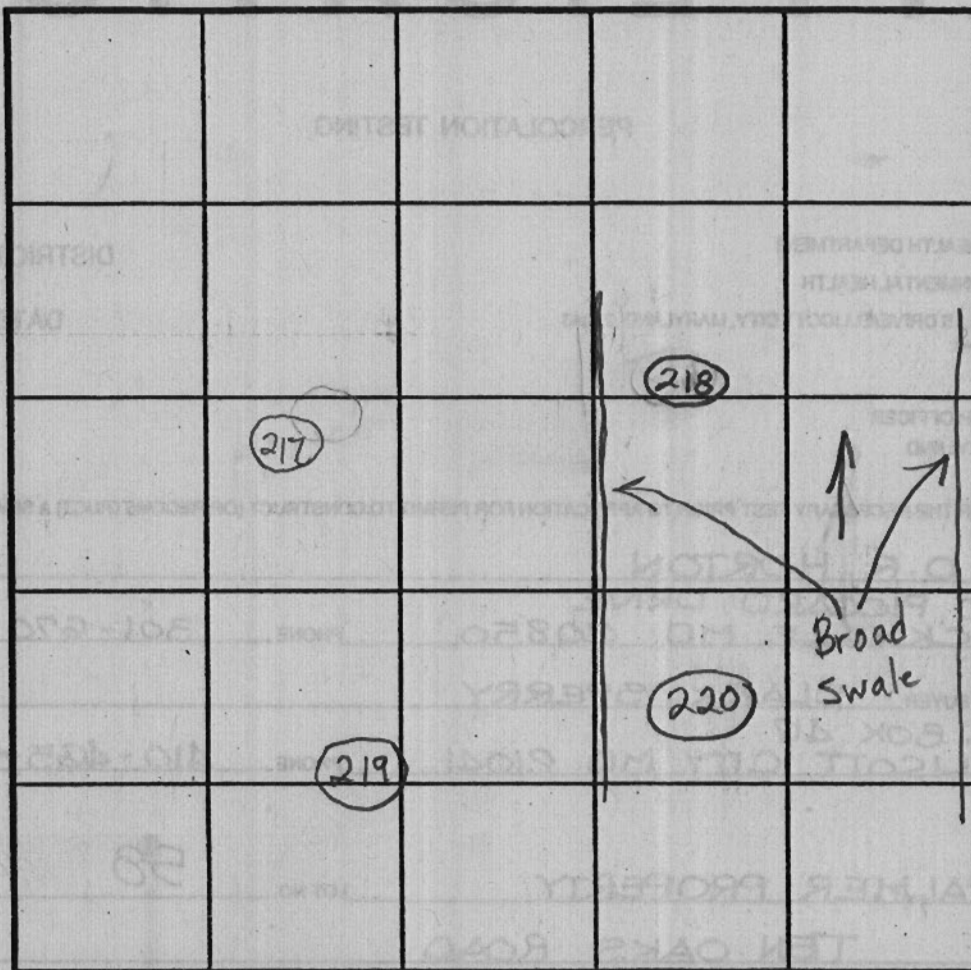
3' Red Br  
 Cl Loam  
 Red Or Br  
 Sa Cl Loam  
 6.5' Light Br  
 Sa Loam  
 ~10%  
 Rock

15.5'

(219)

5' Red Br  
 Cl Loam  
 Med Or  
 Brown  
 Sa Loam  
 ~10%  
 Rock

15'



SOIL PROFILE

0' (217)  
 Red Br  
 Cl Loam  
 5.5' Or Br Si  
 Cl Loam  
 7' Med Or  
 Br Si  
 Loam  
 ~10%  
 Rock  
 14'

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		
11/28/01	220	6.5'/15'V	11:16	11:23	11:23	11:36	13	OK
	218	5'-5.5'/15.5'V	11:18:30	11:19	11:19	11:19:30	30sec	
	219	5.5'/15'V	10:41	10:42:10	10:42:10	10:47	~5	OK
	217	6'/14'V	10:46	10:56	10:56	11:14	18	OK
	218	Repour	11:20:20	11:20:50	11:20:50	11:21:50	1	(F)
		Repour	11:25	11:25:30	11:25:50	11:27	1/min 10sec	
		Repair	11:28:10	11:29:10	11:29:10	11:30:25	1/min 15sec	
		Repair	11:31:20	11:30:35	11:30:35	11:31:50	~1/2	

REMARKS Holes dug per plan

TYPE OF SOIL

TESTED BY Brian Baker

ALSO PRESENT HATFIELDS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

# APPLICATION

PERCOLATION TESTING

A 516063

P \_\_\_\_\_

WARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

25-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT 5TH

DATE 11/7/01

WARD COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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ROCKVILLE MD 20850 PHONE 301-670-6144

OR PROSPECTIVE BUYER CLARK SPERRY

ADDRESS P.O. BOX 417  
ELLICOTT CITY MD 21041 PHONE 410-465-4244

PROPERTY LOCATION:

SECTION PALMER PROPERTY LOT NO. 58

ROAD DESCRIPTION TEN OAKS ROAD

CLARKSVILLE

31 PARCEL # 77

LOT 1 AC ± TYPE BLDG. SINGLE FAMILY DETACHED  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature] D. R. HORTON, INC  
VICE PRES.  
(SIGNATURE OF APPLICANT)

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

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

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

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

TESTING TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT



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CLARKSVILLE

TAX MAP 34 PARCEL # 77

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(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

## THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE  
(224)

Brown Cl Loam  
Br Sa Cl Loam  
Light Br Br Sa Loam  
20-30% Rock

Pockets of > 50% Rock To Bottom w/ lateral structure  
Hard Bottom

(225)  
Red Br Cl Loam

Rocky to 5' Red Br and Light Br Si Cl Loam  
Varying Amounts of Clay

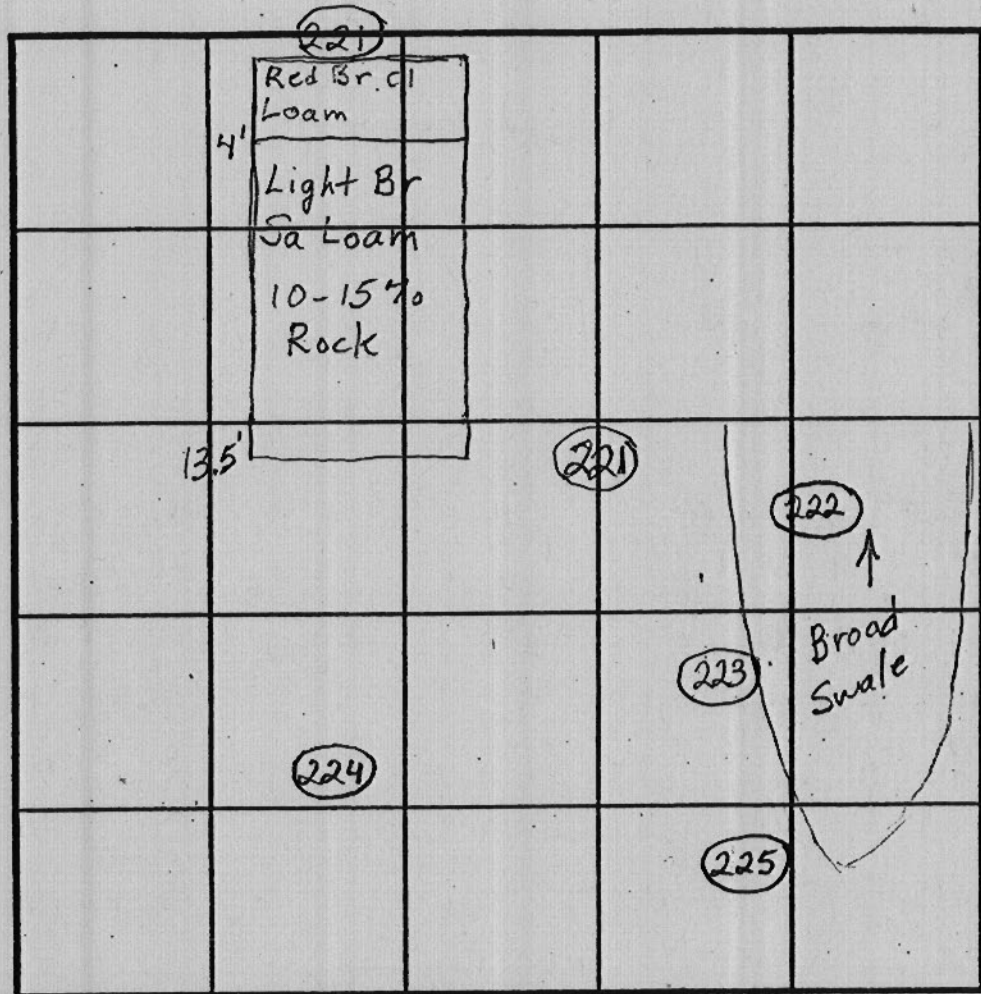
Light Tan Sa Loam  
~20-30% Rock

(223)  
Red Br Cl Loam

Red Br Sa Cl Loam

Light Br Sa Loam

~25% Rock



SOIL PROFILE  
(222)

0'  
Red Or Br Cl Loam  
3.5'  
Or Br Si Cl Loam  
5.5'  
Light Br Si Loam  
10-15% Rock

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		
11/28/01	224	4.5'/12'V	2:36	2:49	2:49	3:14	25	(F)
	225	6'/15'V	2:52	3:00:30	3:00:30	3:17:30	17	OK
	223	4.5'/15'V	3:03	(Failed)		3:04	1min	Total (F)
		Repour	3:04:30			3:05:45	1 1/4 min	Total
		Repour	3:08			3:09:30	1 1/2	Total
		Repour	3:11:35			3:13:45	2min 10sec	Total
	222	5.5'/14.5'V	3:44	3:51	3:51	4:04	13	OK
11/29/01	221	6'/13.5'V	10:33:30	10:34	10:34	10:35	1	OK

REMARKS Holes per Pbn Repour 10:35:45 10:36:50 10:36:50 10:38:20 1 1/2

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

TESTED BY Brian Baker ALSO PRESENT HATFIELDS - Donny

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

COUNTY #

SOIL PROFILE (410)

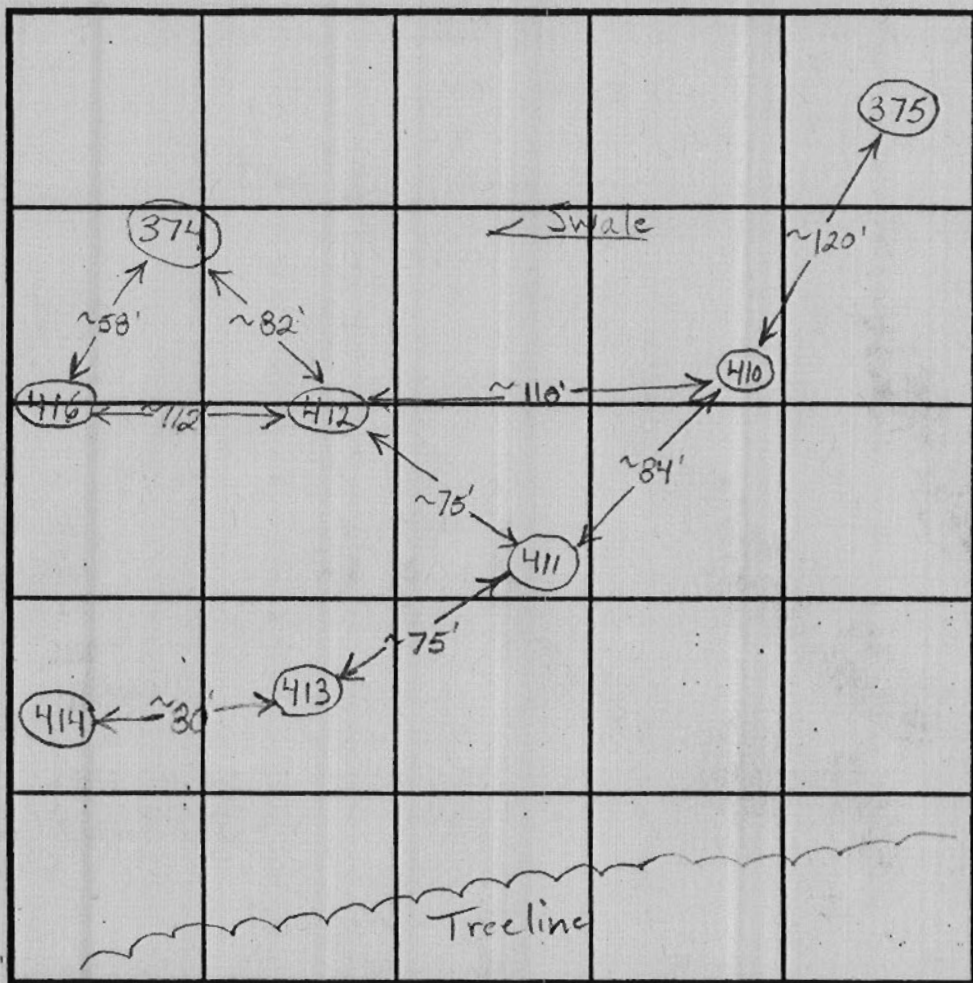
Red Br Heavy Loam 2'  
 Red Or Br Sa Loam 4'  
 Tan Loamy Sand  
 15-20% Rock and Saprolite

(412)

Red Br Heavy Loam 5'  
 Or Br Loam  
 ~10% Rock  
 14'  
 Tan Sa Loam  
 15% Rock  
 and Saprolite

(374)

Red Br Heavy Loam 4'  
 Or Br Loam and Tan Sa Loam 5.5'  
 Beige Sa Loam  
 ~25% Saprolite  
 Moist Below 12.5' -13'



SOIL PROFILE (411)

Red Br Heavy Loam 4.5'  
 Red Br Loam Less Than 10% Rock 6.5'  
 Beige Sa Loam  
 ~15% Rock and Saprolite

(416)

Red Brown Topsoil 3"  
 Brown Loam 3"  
 Red Sa Clay Loam  
 12" Brown Sa Loam  
 Beige Sa Loam 13.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/03	410	4'10" / 14'V	1:57:45	1:59:30	1:59:30	2:01:40	~3
		12" x 12" 7.5'	2:14:10	2:15	2:15	2:16:30	1 1/2 a.k.
	412	6.5' / 14'V	2:32:30	2:47:30	2:47:30	3:07	19 1/2 o.k.
	374	5.5' / 13'10"V	2:45:45	2:47:20	2:47:20	2:49:45	2 1/2 o.k.
		8'	2:45:15	2:46:25	2:47:45	2:47:45	1 min 20 sec
	Repair	8'	2:53:30	2:55:40	2:55:40	2:58:10	2 1/2
	411	5' / 14.5'V	4:00:30	Little Movement in 10 Minutes		Slow	
		7.5'	3:58:40	3:59:45	3:59:45	4:01:20	1 1/2
		6.5'	4:26:30	Pulkd Probably		Slow	? Marg.
5/6/03	416	5'	4:00	4:06	4:06	4:15	9 min

REMARKS Test 411 at 7' if Usable

TYPE OF SOIL

TESTED BY B. Baker / F. Alfonso ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

UTIL. POLE (TYP.)

EX. 15" CMP

N 72° 23' E P 78.02

(TYP.)  
M 10° 40' 23" W 693.00

Signed  
*[Signature]*

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



LOT 1  
40,157 sq. ft.

LOT 2  
40,542 sq. ft.

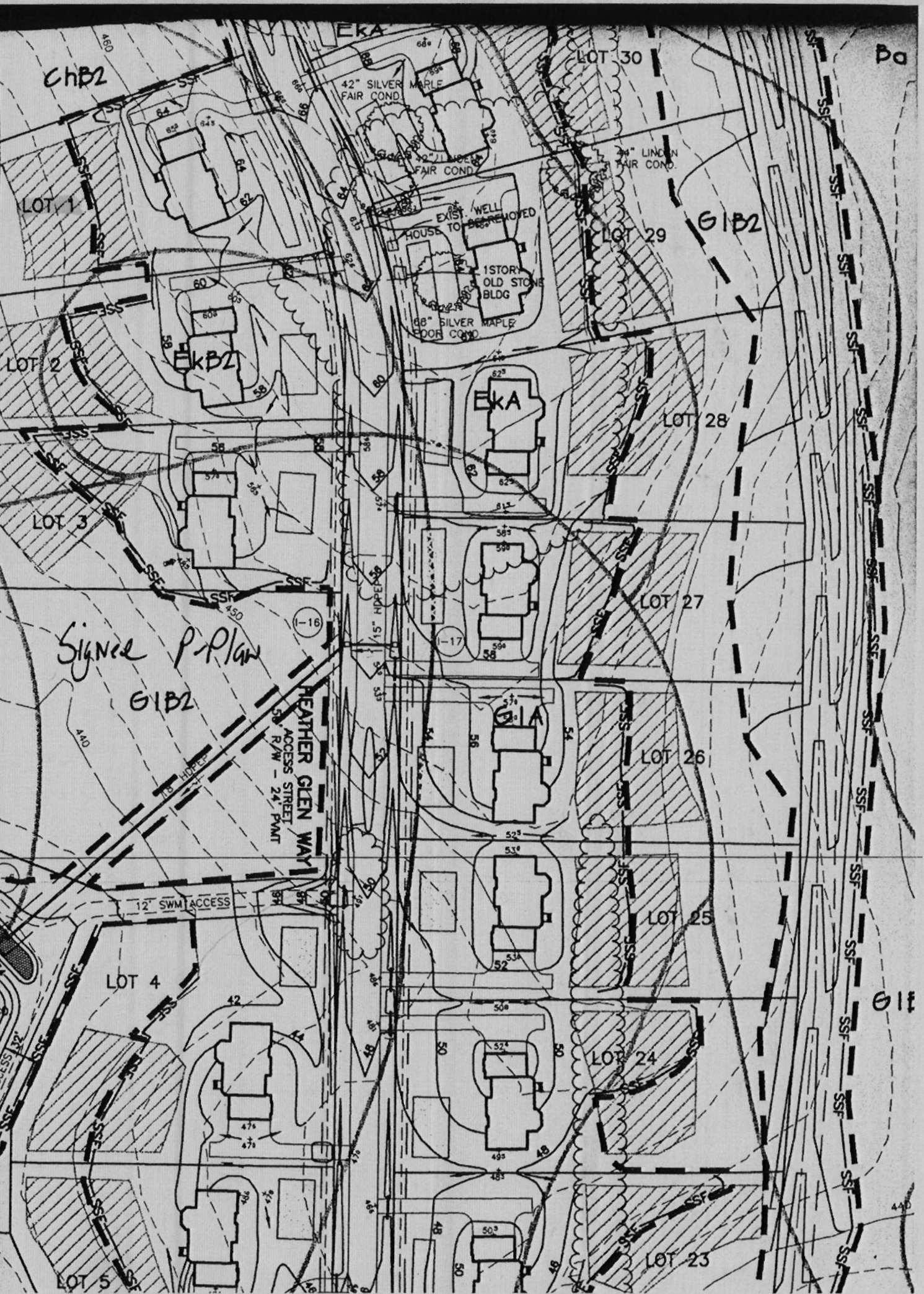
LOT 3  
40,933 sq. ft.

LOT 4  
45,187 sq. ft.

1-STORY  
OLD STONE  
BLDG

7419

P369  
swale



Revised per cent  
2/8/07

CLARKSVILLE  
LOTS 3 THRU  
PLAT NOS. 850  
F-89-33

LOT 15

G1B2 LOT 16

G1C2

CLARKSVILLE MANOR  
LOTS 3 THRU 19  
PLAT NOS. 8501-8503  
F-89-33

TEN OAKS ROAD  
MAJOR COLLECTOR  
ULTIMATE 60' R/W

EXISTING POWER  
POLE TO REMAIN

EXISTING POWER  
POLE TO REMAIN

EX. INV.  
469.1

EX. SIGN TO  
BE RELOCATED

-4+00

-3+00

-2+00

-1+00

0+00

1+00

2+00

MgC2

LOT 1  
47,396 S.F.

ChB2

LOT 2  
43,197 S.F.

LOT 3  
42,306 S.F.

LOT 4  
47,406 S.F.

EKB2

EKA

EKA

CgB2

MgC2

BUILDABLE  
PRESERVATION PARCEL A  
PROVIDED (AND)  
HOWARD COUNTY EASEMENT HOLDER  
HOMEOWNERS ASSOCIATION EASEMENT HOLDER

PRIMARY WELLS

ALT. 9.0

ALT. 8.2

42" SILVER MAPLE  
FAIR COND.

42" LINDEN  
FAIR COND.

EXIST. WELL  
HOUSE TO BE REMOVED

1 STORY  
OLD STONE  
BLDG

68" SILVER MAPLE  
POOR COND.

HEATHER GLEN WAY

