

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE 8/15/95

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 Feaga Family

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Land Marketing Inc. C/O Tim Feaga

ADDRESS 3243 Bethany Lane Ellicott City PHONE 313-8808
21042

PROPERTY LOCATION:

SUBDIVISION Feaga Property LOT NO. 4B 45 49

ROAD AND DESCRIPTION Rt 144 + Folly Quarter Rd

TAX MAP 16 + 23 PARCEL # 34 + 63

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.

Myal A Reil
(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' 1131
yellow tan
clm

2' orange
brn
silm
micaceous

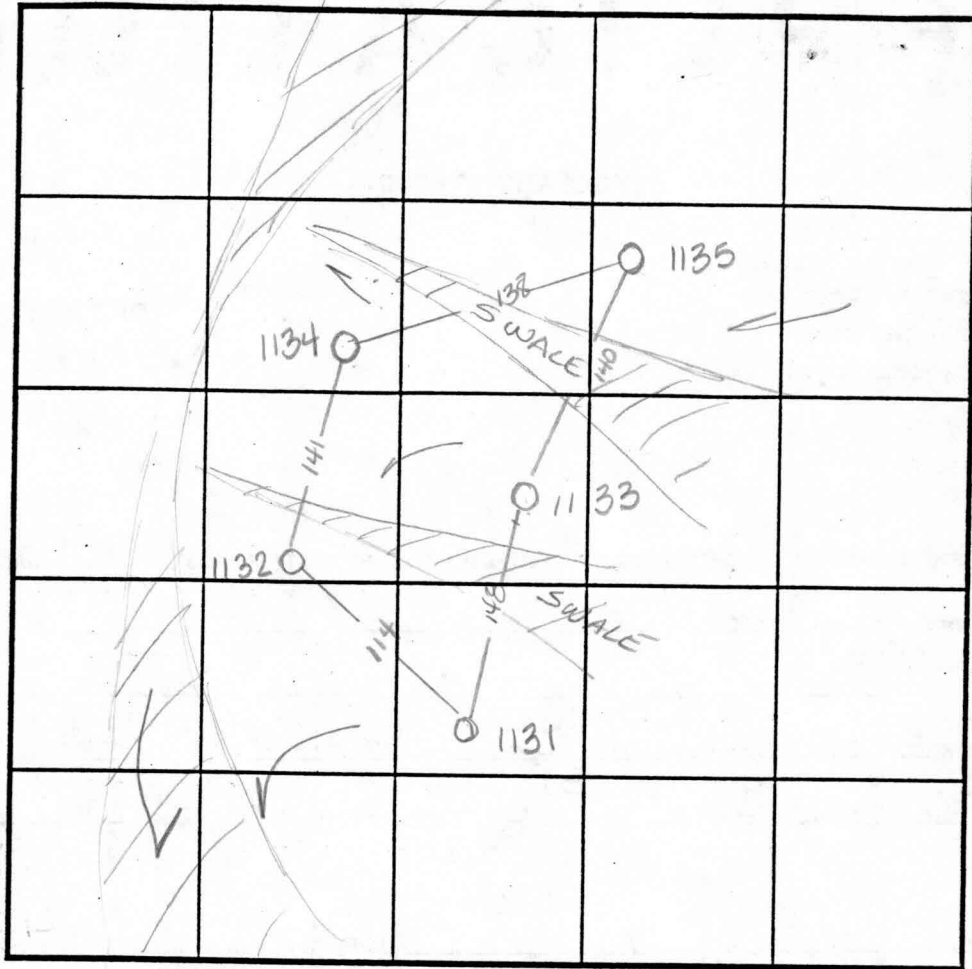
6' brn
silm
micaceous
saprilitic
10%
mottles at
11'

SOIL PROFILE

0' 1134
bright
red
clm

4' reddish
brn
silm
micaceous

8' darker
grey brn
silm
micaceous
orange
yellow
mottles



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

1132
horizontal layer
silm
micaceous
saprilitic

3' orange brn
silm

5' dark black brn
silm micaceous
color probably
indicates high H₂O

1133
dark
red
silm

3' bright
red
silm
micaceous

9' yellow
brn
silm

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9-8-95	1131	3' V12	10:13 ³⁰	10:14 ³⁰	10:14 ³⁰	10:16 ³⁰	2min	
	1131	6' V12	10:13 ¹⁵	10:14 ³⁰	10:14 ³⁰	10:16 ³⁰	2min	
	1133	3' V12	9:47 ⁴⁵	9:50 ³⁰	9:50 ³⁰	9:54	3 1/2 min	
	1133	6' V12	9:47 ³⁰	9:49	9:49	9:51	2min	
	1135	4' V11'	9:48	9:51 ³⁰	9:51 ³⁰	9:55 ¹⁵	3 3/4 min	
	1135	6' V11'	Not tested					
	1134	3' V11'	10:44 ¹⁵	10:45	10:45	10:46 ³⁰	1 1/2 min	
	1132	3' V11'	10:04 ²⁰	10:05	10:05	10:06 ³⁰	1 1/2 min F	

1135
red brn
clm

3.5' orange
brn
silm
micaceous

8' brn
silm
decayed
shale

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Tim Feagge

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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21042

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SUBDIVISION Feaga Property LOT NO. 56 54 54

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TAX MAP 16 + 23 PARCEL # 34 + 63

SIZE OF LOT 1 acre +/- TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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Paul A. Reil
(SIGNATURE OF APPLICANT)

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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

4128 4127

red
SiCLm

3.0

lgt
orange
SiLm
decayed
Saprolite
mottled
but no
H₂O @ 100
10%
Rx

2.0

4129 4136

brown
red
SiCLm

2.0

orange
brown
SiLm

1.0

grey
SiLm
from
10%
Rx

2.0

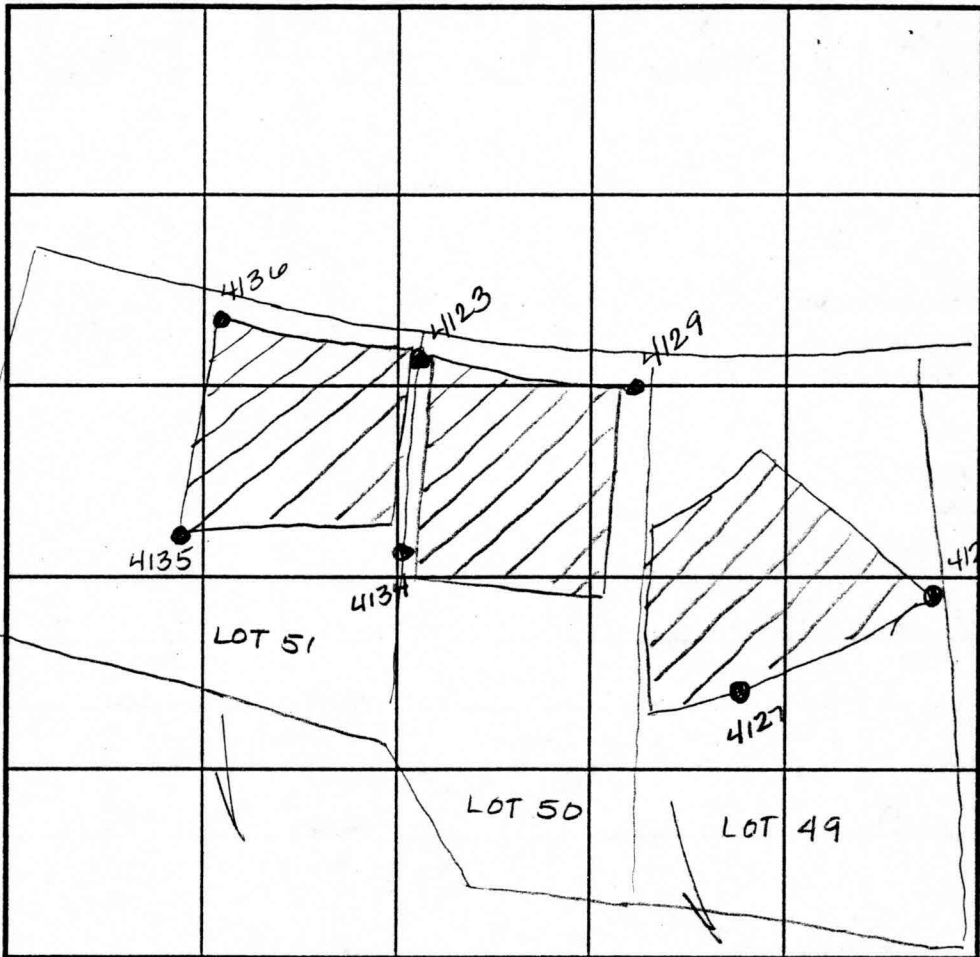
4134
4123 4135

no
distinct
clay
layer
dark
brown
SiLm
w/
pockets
of
decayed
yellow
or SiLm

2.0

SOIL PROFILE

Empty soil profile box with 0' scale at the top.



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-28-98	4128	3.5 √12.0	12:13	12:15	12:15	12:17	2min
	4127	Visual	- see profile		—		OK
	4129	3.0 √12.0	12:17	12:25	12:25	12:41	16min
	4136	2.5 √11.5	1:42	1:43	1:43	1:45	2min
	4134	3.0 √12.0	1:40	1:42	1:42	1:44	2min
	4123	Visual	- see profile		—		OK
	4135	3.5 √12.0	12:31	12:36	12:36	12:44	8min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

0' 1140

brn
S. Clm
gravelly
3.5' orange
brn
Salm
micaceous
5% Saprot

8' mottled
white/bk
red/orange
Salm
decayed joint
10' water

1135

looks
like
1140
no
water

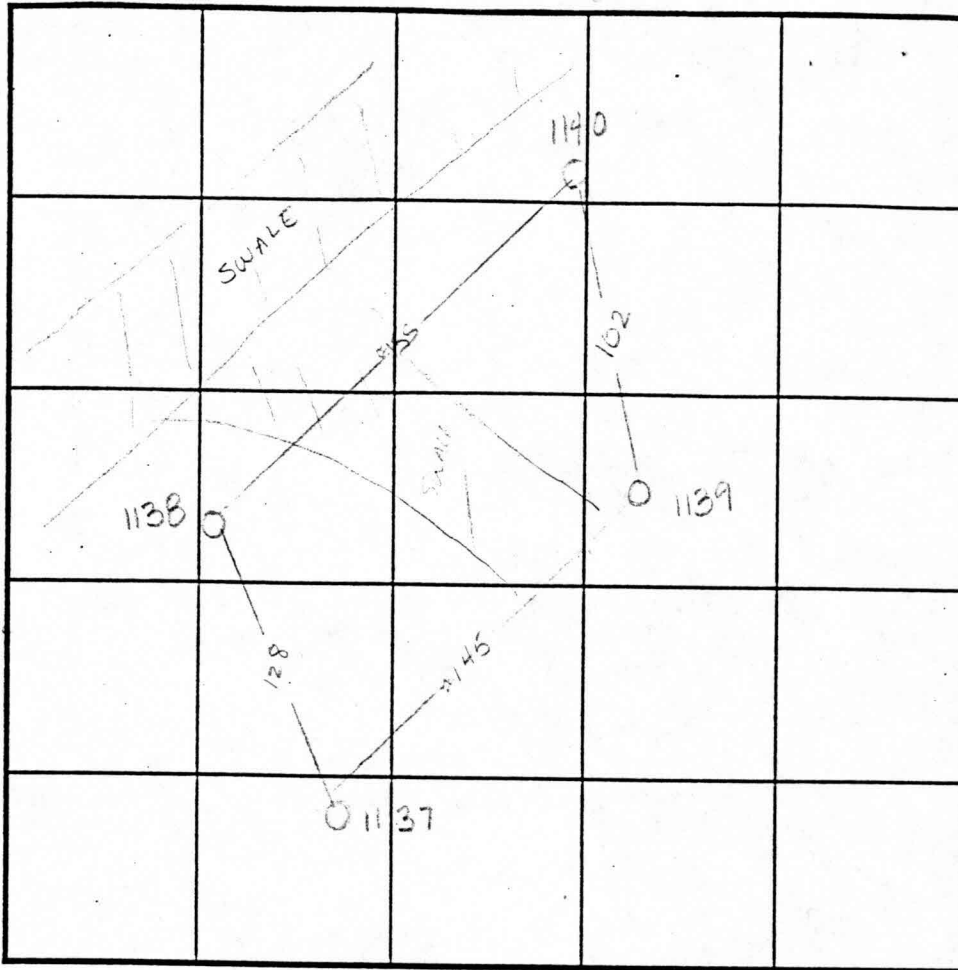
7' mottles
begin
at
7'

1137 1139

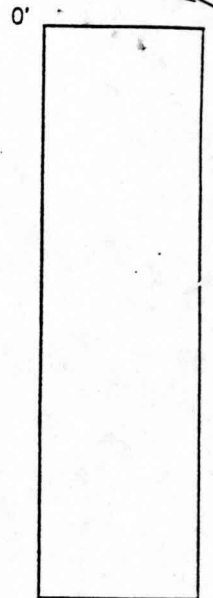
3' stoney
Clm
bigh
red

decayed
quartz
Salm
white
surround
by red
brn
Salm

2.5' 1qt
brn
Salm
micaceous
12' 5% mica



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-8-95	1140	Visual	see	profile			wet season
	1138	3' / 110'	10:51 ^{4k}	10:52 ¹⁵	10:52 ¹⁵	10:53 ⁴⁵	45 sec
	1138	repor	10:53	10:54	10:54	10:55 ⁴⁵	1 3/4 min
	1139	2.5' / 12	10:51 ¹⁵	10:52 ⁴⁵	10:52 ⁴⁵	10:55 ⁴⁵	2 1/4 min
	1139	6' / 112'	10:51 ¹⁵	10:52 ¹⁵	10:52 ¹⁵	10:56	3 3/4 min
	1137	3' / 111'	11:02 ³⁰	11:04 ¹⁵	11:04 ¹⁵	11:11	6 3/4 min

REMARKS wet season

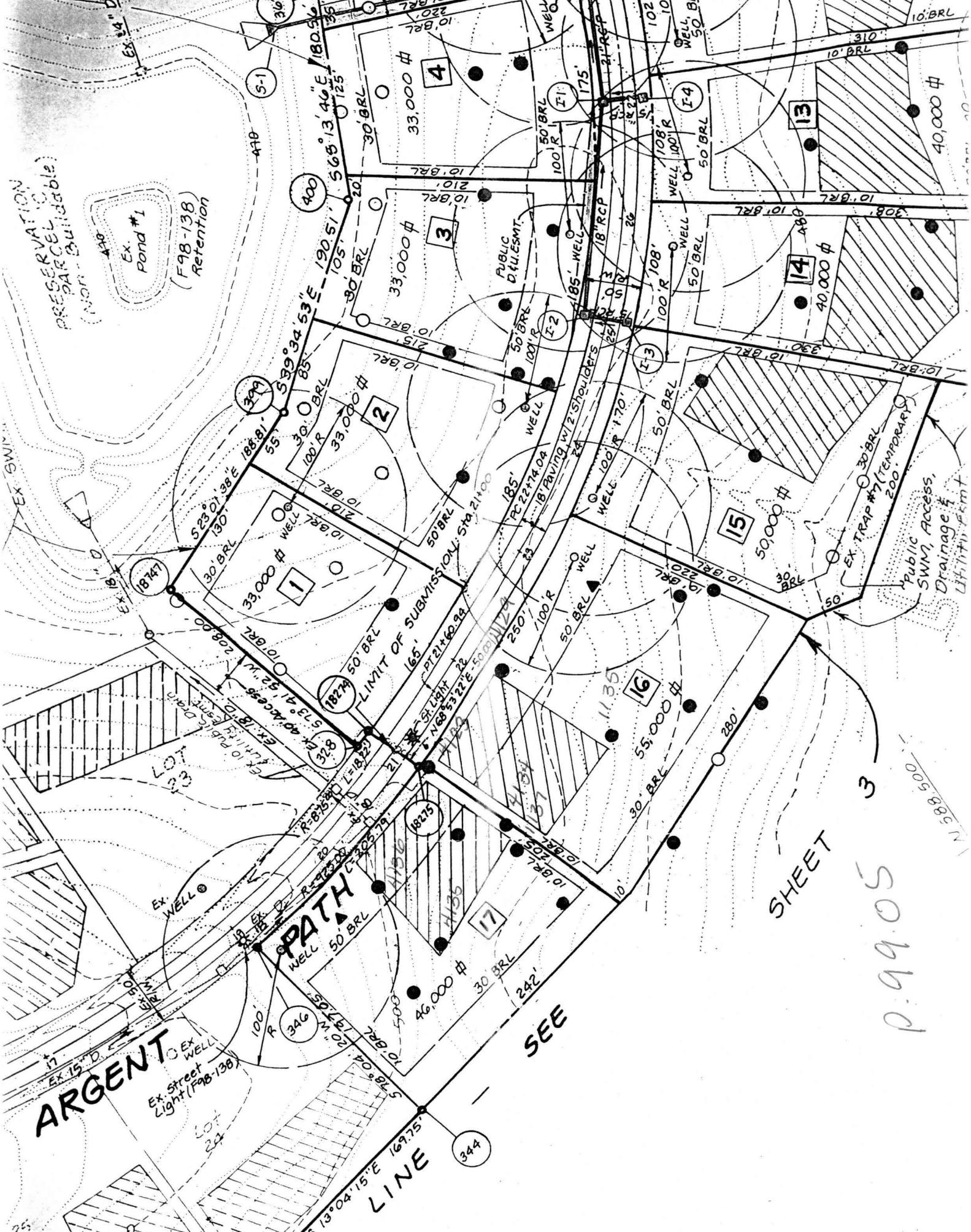
TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Tim Fraga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM



PRESERVATION
PARCEL (Cul-de-sac)
Ex. Pond #1
(F98-138)
Retention

ARGENT
Ex. Street Light (F98-138)

PATH

SEE

SHEET 3

P.99.05

N 588 500

Public SWM, Access, Drainage & Utility Permit

EX TRAP #7 (TEMPORARY)

PUBLIC DILUESMT.

4

3

2

1

14

15

16

17

LINE

EX SWM

EX PUBLIC DRAIN

EX WELL

EX WELL

EX WELL

EX WELL

EX WELL

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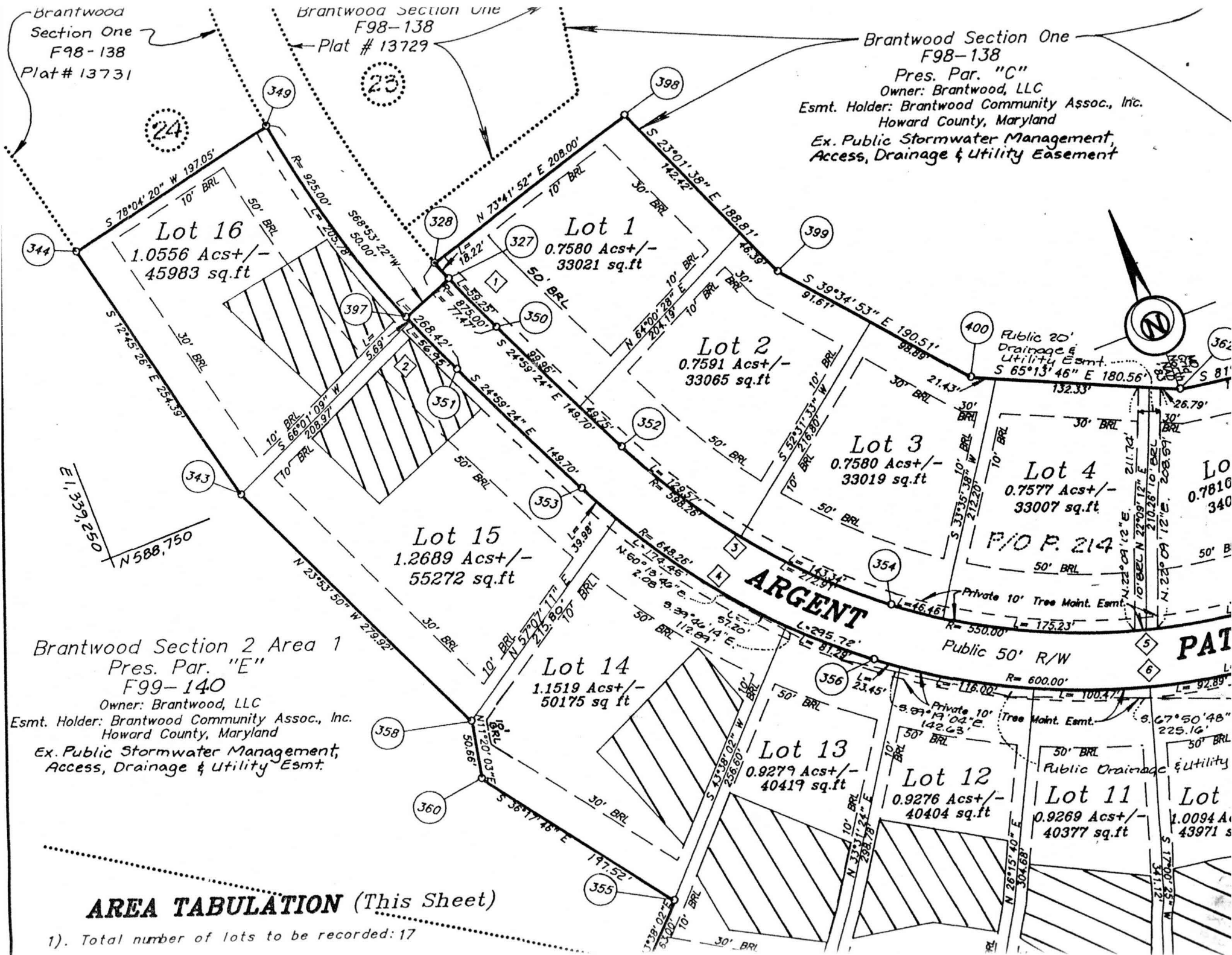
WELL

WELL

Brantwood
Section One
F98-138
Plat # 13731

Brantwood Section One
F98-138
Plat # 13729

Brantwood Section One
F98-138
Pres. Par. "C"
Owner: Brantwood, LLC
Esmt. Holder: Brantwood Community Assoc., Inc.
Howard County, Maryland
Ex. Public Stormwater Management,
Access, Drainage & Utility Easement



Brantwood Section 2 Area 1
Pres. Par. "E"
F99-140
Owner: Brantwood, LLC
Esmt. Holder: Brantwood Community Assoc., Inc.
Howard County, Maryland
Ex. Public Stormwater Management,
Access, Drainage & Utility Esmt.

AREA TABULATION (This Sheet)

1). Total number of lots to be recorded: 17

LO
0.7810
340

PAT

Lot
1.0094 A
43971 s