APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

DISTRICT _____

DATE 10/2/01

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

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buice Property, Sec 1 LOT NO. 3

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

HD-216 (3/92)

COUNTY #

SOIL PROFILE

5004

0'

6" brown topsoil

4' orange-brown sandy lm

tan beige sandy loam

20-30% ROCK FRAGS

13' HARD

5003B

12" brown topsoil

tan-sandy loam

20-30% ROCK FRAGS

13' HARD

5003

4" brown topsoil

2' tan loam

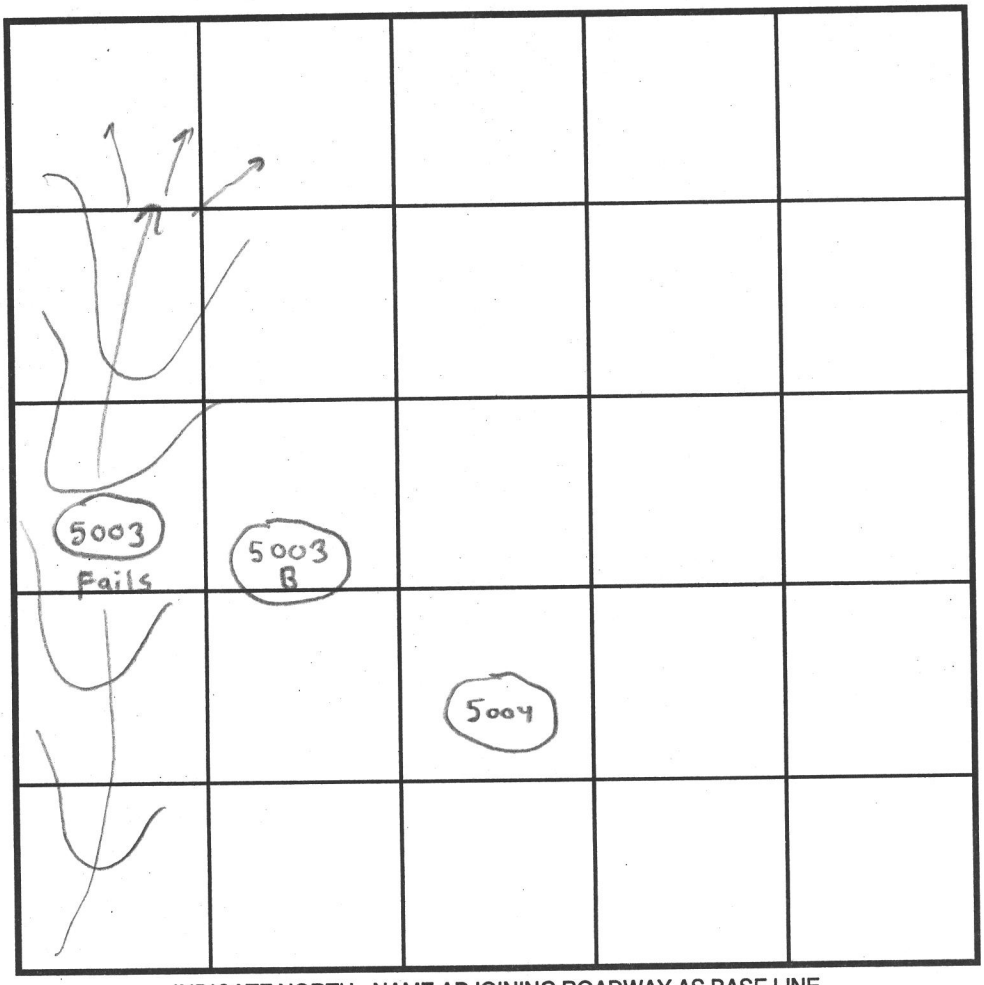
4' orange-brown denser sandy loam

6' orange-tan sandy loam

pocket of rock

40-70% flaggy rock

13'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
10/2/01	5004	4'6" T / 13' V	1:24pm	1:28pm	1:28pm	1:31pm	3min	OK
	5003B	6' T / 13' V	3:44pm	3:46pm	3:46pm	3:49pm	3min	OK
	5003	4'6" T / 13' V	1:07pm	1:08pm	1:08pm	1:09pm	1min	F
	Treatment Zone →	Repour 7' T	2:31:00	2:31:05	NA	NA	5sec	F
		Visual holes within perc			holes		↓	

REMARKS _____

TYPE OF SOIL Manor

TESTED BY SRK/SO Mike Johnson = Backhoe Willie = Helper ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH 2-3' MAXIMUM BOTTOM DEPTH 5' SQ. FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 59935A

P _____

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

DISTRICT _____

DATE 4/13/98

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 ROBERT P. BUICE

ADDRESS 7979 MUNCASTER MILL ROAD PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER DONALD R REMMER LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100
COLUMBIA, MD 21044

PROPERTY LOCATION:

SUBDIVISION BUICE PROPERTY, SEC 1 LOT NO. 2

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD
JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE 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. DONALD R. REMMER JR
(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

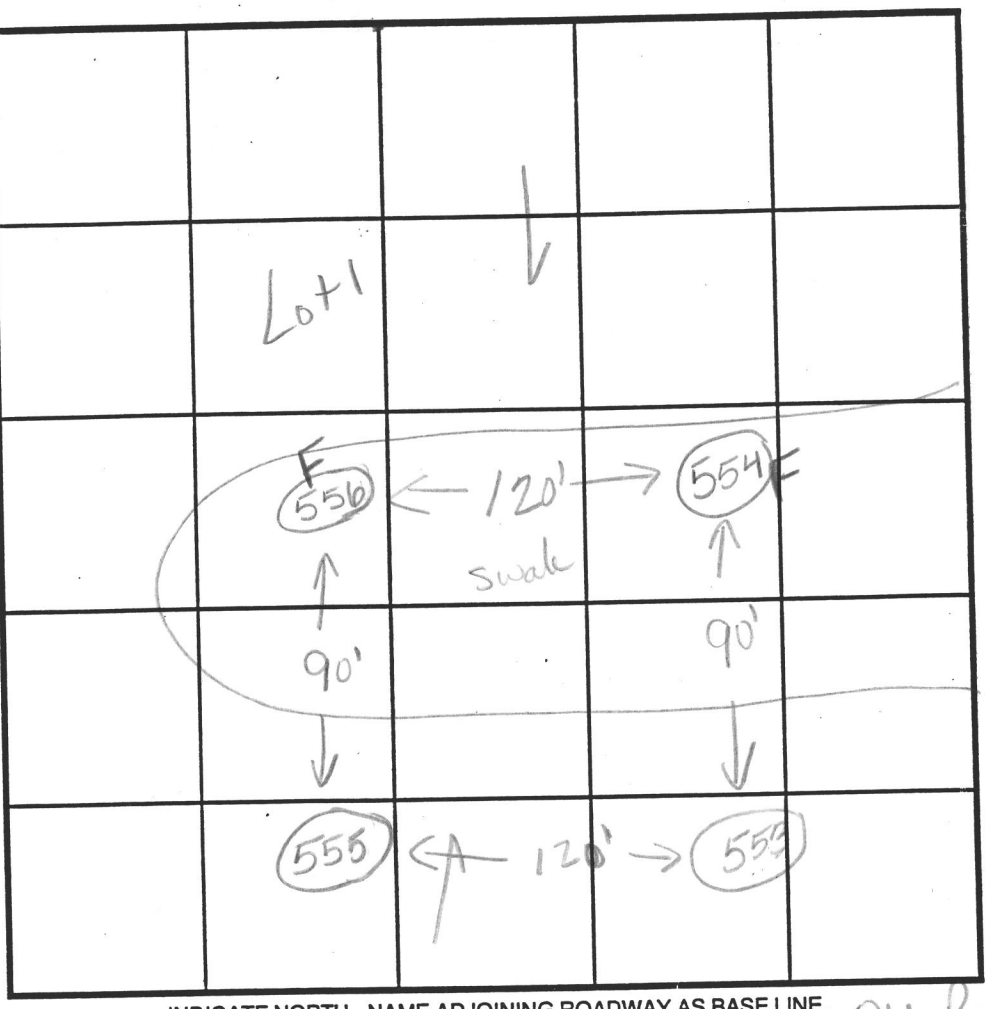
HD-216 (3/92)

59935 A
COUNTY #

SOIL PROFILE
0' 554
orange brown clay loam
water seeping in at cave-in 5.0' WATER
9.0'

553
orange clay loam
4.5'
tan orange SCl/m rock outcrop 6.0' some large boulders 20% rock frags
11.0'

556
red/ brown clay loam
↓
Rock + Water
4.0'



SOIL PROFILE
0' 555
orange brown clay loam
5.0'
brown/ orange SCl/M manganese oxide 15% rock frags
↓
11.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Old Roxbury Rd.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6.3.98	554	FAILED DUE TO			WATER		F
		(WATER AT	4.0'	AT 4:30)			
	553	4.0'S	11:54/20	11:56	11:56	11:59	3min
		11.0'D	visual	ok - see profile			
	556	4.0'D	FAILED	DUE TO Rock + H_2O			F
	555	5.5'S	12:17/30	12:22	12:22	12:34	12min
		11.5'D	visual	ok - see profile			

REMARKS test holes staked by surveyor

TYPE OF SOIL Manor

TESTED BY Kim Maiste ALSO PRESENT Mike + Sam

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A NO FEE

P _____

DISTRICT _____

DATE 5/30/02

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

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Baice Sec 1 LOT NO. 3

ROAD AND DESCRIPTION _____

_____

TAX MAP _____ PARCEL # _____

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

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(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 _____

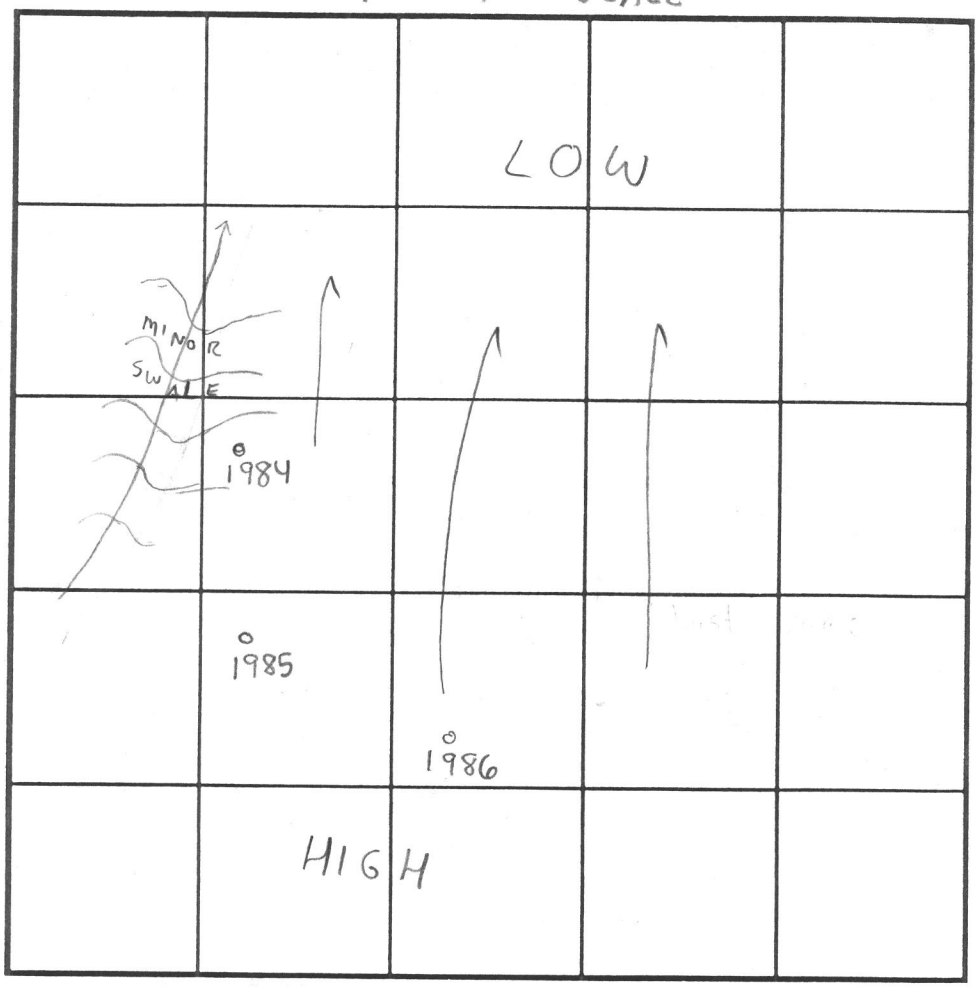
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

HD-216 (3/92)

COUNTY #

NOT TO SCALE



SOIL PROFILE

1984

0'
6" brown topsoil
org-brn silt lm
4'6"
brown tan loamy sand 10% ROCK FRAGS
9'
ROCK POCKET UP TO 40% ROCK
13'6"

1985

2" brown topsoil
org-brn silt lm
4'6"
brown-tan loamy sand
10% ROCK FRAGS
14'

1986

orange-brn silt lm
4'6"
brown-tan loamy sand
0-5% ROCK FRAGS
13'

SOIL PROFILE

1987

0'
tan-brn sandy lm
4'6"
tan-brn loamy sand
6'
tan-brn loamy sand 15-20% ROCK FRAGS
10'
tan-brn loamy sand 5-10% ROCK FRAGS
13'6"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME	
5/30/02	1984	13'6" V	(VISUAL OK SEE SOIL PROFILE)				NA	OK
	1985	5'6"T / 14'V	11:58am	12:01pm	12:01pm	12:08pm	7min	OK
	1986	5'T / 13'V	12:12am	12:14am	12:14am	12:19am	5min	OK
	1987	13'6"V	(VISUAL OK SEE SOIL PROFILE)				NA	OK

REMARKS

TYPE OF SOIL Manor

TESTED BY SRK, John Boris & Barry Glotfelty ALSO PRESENT John Komsa, Bob Buice, Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 59935 (

P _____

DISTRICT _____

DATE 4/13/98

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

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER ROBERT P. BUICE

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AGENT OR PROSPECTIVE BUYER DONALD R ROWLEE LAND DESIGN & DEV INC.

ADDRESS 10805 HICKORY RIDGE ROAD PHONE 410-740-2100
COLUMBIA, MD 21044

PROPERTY LOCATION:

SUBDIVISION BUICE PROPERTY, Sec 1 LOT NO. 3 4

ROAD AND DESCRIPTION EAST SIDE OLD ROXBURY ROAD
JUST EAST OF INTERSECTION OF RT 97 & ROXBURY MILL ROAD.

TAX MAP 21 PARCEL # 84 GRID 20

SIZE OF LOT ONE 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. DONALD R. ROWLEE JR
(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

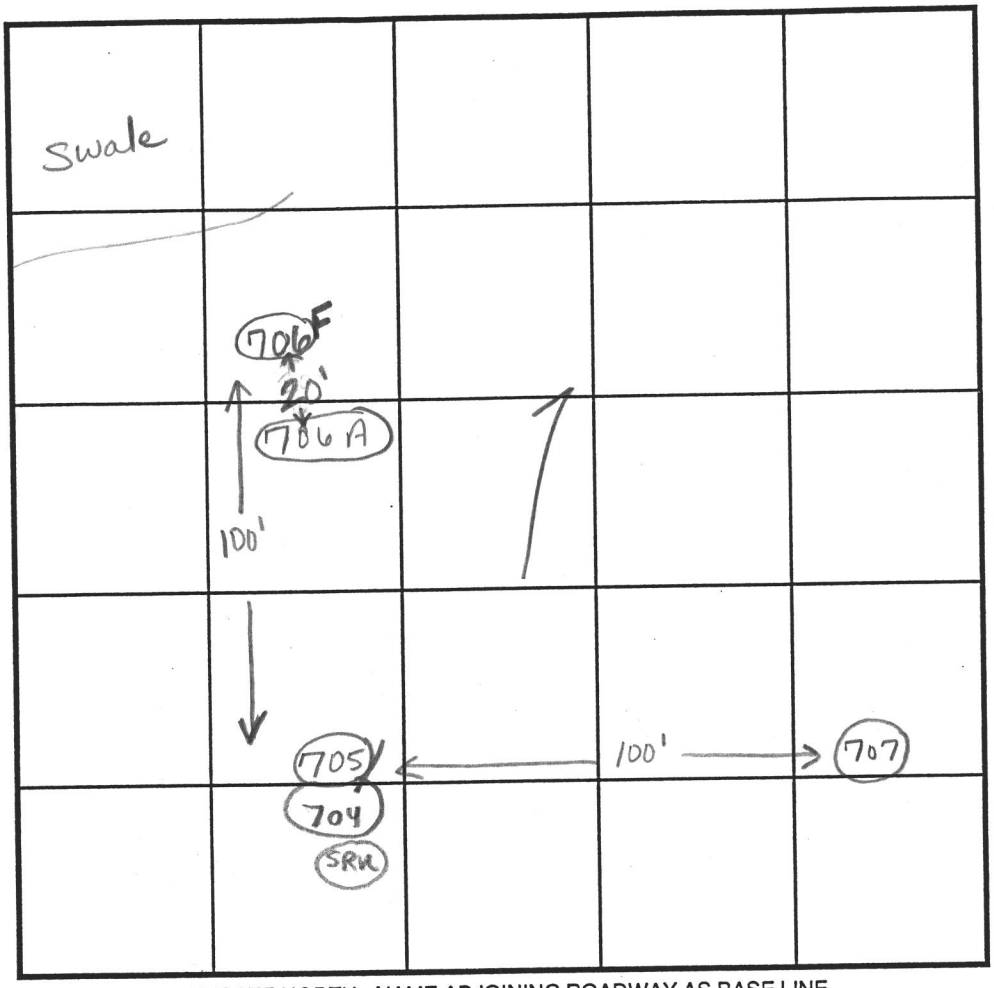
HD-216 (3/92)

59935 C
COUNTY #

SOIL PROFILE
706
0'
orange brown cl lm
2'
brown/ burnt orange sacl m greater than 50% rock at 8'
11'

706 A
brown/ orange cl lm
3'
beige/ light tan sacl m 10% rx frags
12'

705/704
orange cl lm
4.0'
beige sacl m 20% rock frags ↓
10'

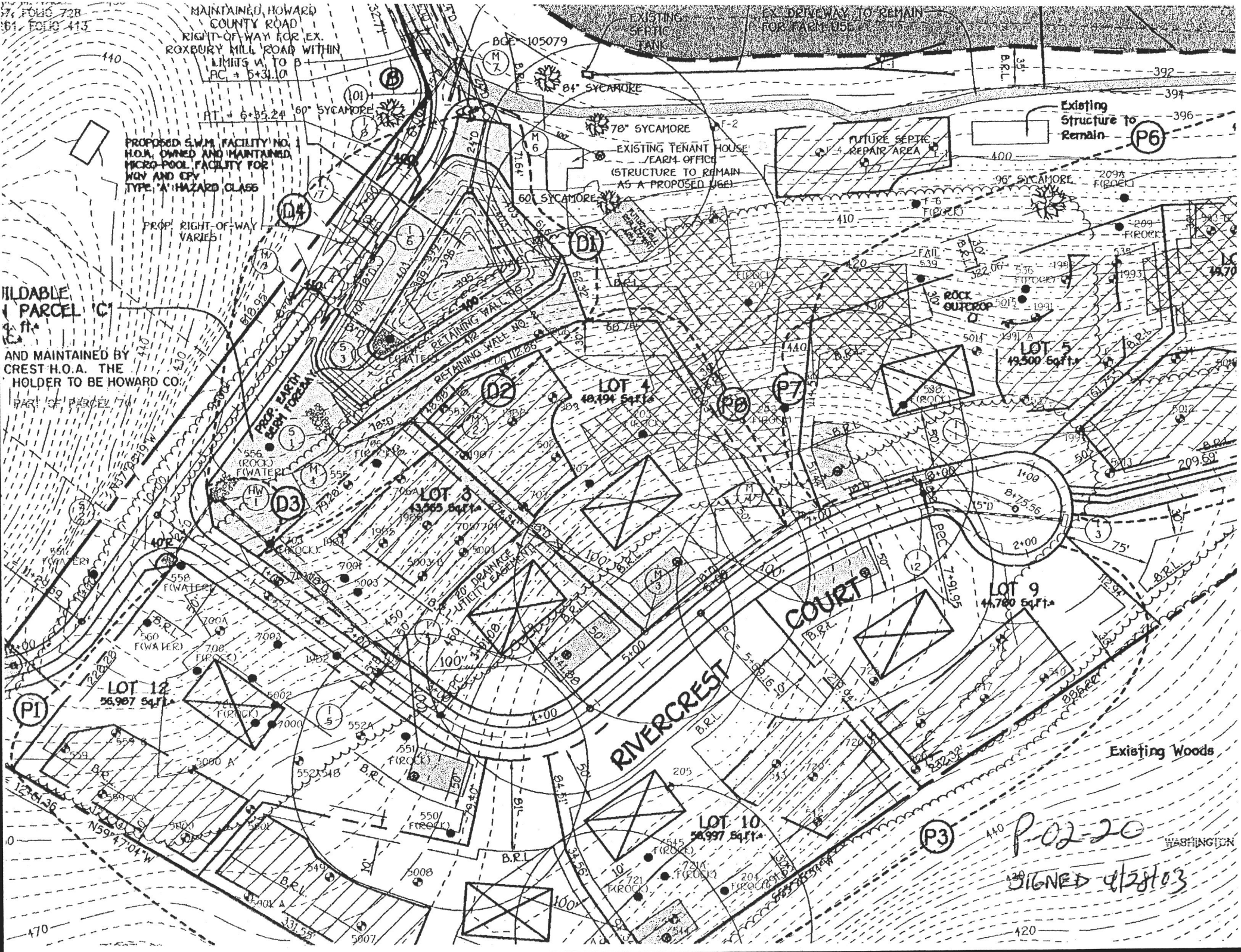


SOIL PROFILE
707
0'
orange/ brown cl lm large rx bldrs at 1-3'
3'
beige/ tan sacl m 10% rock frags ↓
11'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
10/29/98	705	4.0'S	11:58	12:15	12:15	SLOW	
	704	10.0'D	visual	ok see profile			
	(redug)	5.0'S	12:54	12:55 30	12:55 30	12:58 30	3
	706	3.0'S	11:27 50	11:30 30	11:30 30	11:39	8 30
		11.0'D	FAILED DUE TO ROCK				
	706A	12.0'D	visual	ok - see profile			
	707	11.0'D	visual	only - ok see profile			

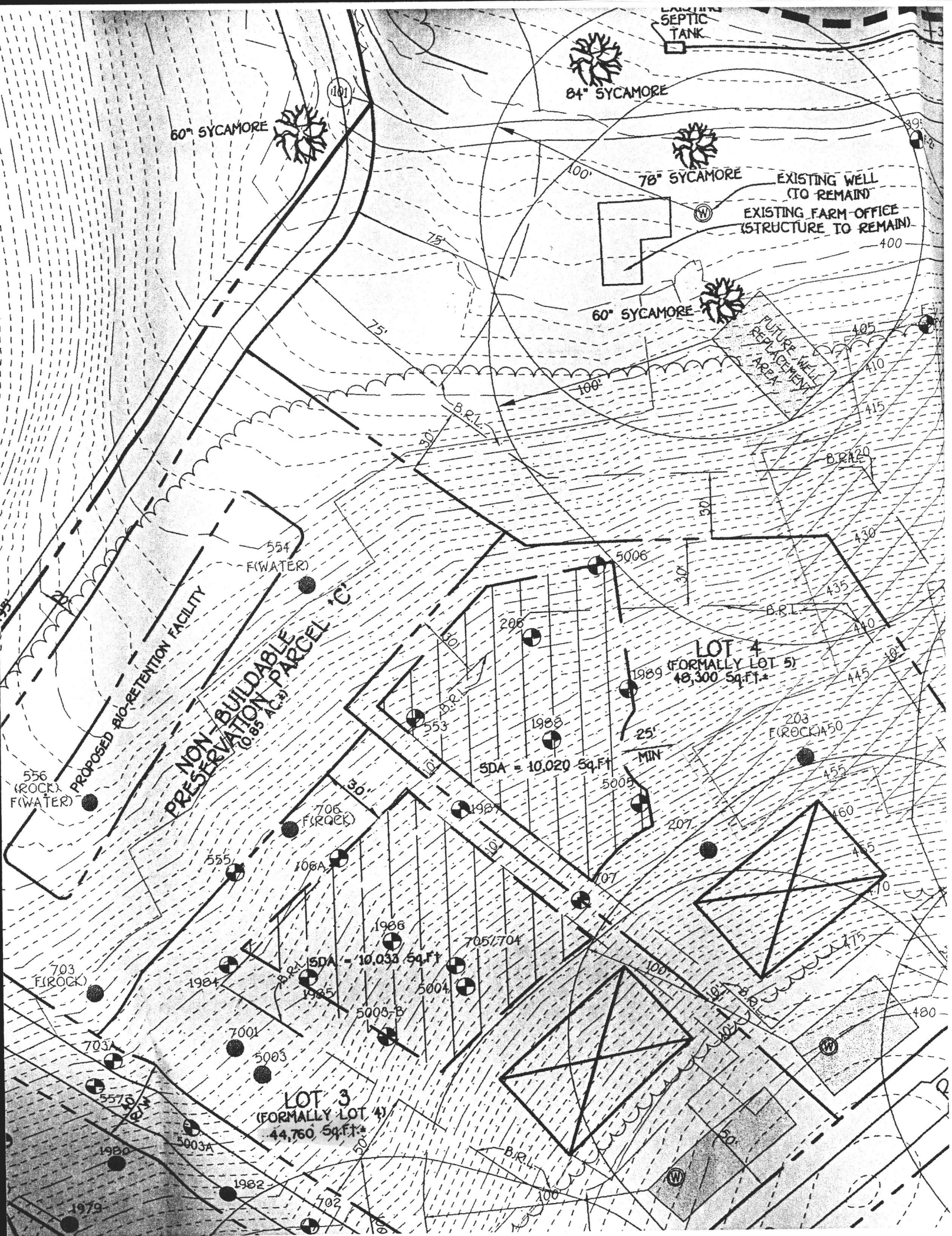
REMARKS Wooded lot
TYPE OF SOIL Manor
TESTED BY Kim Maiste ALSO PRESENT Sam
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 min TRENCH WIDTH
INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM


MAINTAINED HOWARD COUNTY ROAD RIGHT-OF-WAY FOR EX. ROXBURY MILL ROAD WITHIN LIMITS A TO B
PROPOSED S.W.M. FACILITY NO. 1 H.O.A. OWNED AND MAINTAINED MICRO-POOL FACILITY FOR WQV AND CPV TYPE 'A' HAZARD CLASS
PROP. RIGHT-OF-WAY VARIES
EXISTING SEPTIC TANK
EX. DRIVEWAY TO REMAIN FOR FARM USE
Existing Structure to Remain
FUTURE SEPTIC REPAIR AREA
EXISTING TENANT HOUSE /FARM OFFICE (STRUCTURE TO REMAIN AS A PROPOSED USE)
ROCK OUTCROP
RETAINING WALL NO. 1
RETAINING WALL NO. 2
PROP. EARTH BERM FOR SCREENING
20' DRAINAGE & UTILITY EASEMENT
LOT 1 40,194 Sq.Ft.±
LOT 3 43,565 Sq.Ft.±
LOT 5 49,500 Sq.Ft.±
LOT 9 44,780 Sq.Ft.±
LOT 10 58,997 Sq.Ft.±
LOT 12 56,987 Sq.Ft.±
RIVERCREST COURT
Existing Woods
P-02-20
SIGNED 4/28/03

Lot 43 Holes

5004	✓	P	INSDA
5003 B	✓	P	
704/705	✓	P	
706 A	✓	P	
555	✓	P	
706	✓	F	
5003	✓	F	
1984	✓	P	INSDA
1985	✓	P	
1986	✓	P	
1987	✓	P	

SHALLOW SYSTEM ONLY BOTTOM AT 5' OK


EXISTING SEPTIC TANK
84" SYCAMORE
60" SYCAMORE
78" SYCAMORE
EXISTING WELL (TO REMAIN)
EXISTING FARM OFFICE (STRUCTURE TO REMAIN)
60" SYCAMORE
FUTURE WELL REPLACEMENT AREA
PROPOSED BIO-RETENTION FACILITY
NON-BUILDABLE PRESERVATION PARCEL 'C' (0.85 AC.±)
LOT 4 (FORMALLY LOT 5) 48,300 Sq.Ft.±
LOT 3 (FORMALLY LOT 4) 44,760 Sq.Ft.±
SDA = 10,020 Sq.Ft.
SDA = 10,033 Sq.Ft.
B.R.L.
25' MIN
554 F(WATER)
556 (ROCK) F(WATER)
706 F(ROCK)
555
703 F(ROCK)
703A
557
5003A
1980
1979
1982
702
706A
1984
1985
1986
705/704
5004
5003-B
7001
5003
1987
1988
1989
206
553
5006
5005
207
707
203 F(ROCK)
100'
75'
30'
50'
405
410
415
420
430
435
440
445
450
455
460
465
470
475
480

EXISTING SEPTIC TANK

84" SYCAMORE

60" SYCAMORE

78" SYCAMORE

EXISTING WELL (TO REMAIN)

EXISTING FARM OFFICE (STRUCTURE TO REMAIN)

60" SYCAMORE

FUTURE WELL REPLACEMENT AREA

LOT 4
(FORMALLY LOT 5)
48,300 Sq.Ft.±

LOT 3
(FORMALLY LOT 4)
44,760 Sq.Ft.±

NON-BUILDABLE PRESERVATION PARCEL 'C'
(0.85 A.C.±)

NON-BUILDABLE PRESERVATION PARCEL 'B'
(0.24 A.C.±)

PROPOSED BIO-RETENTION FACILITY

SDA = 10,020 Sq.Ft.

SDA = 10,033 Sq.Ft.

554 F(WATER)

556 (ROCK) F(WATER)

558 F(WATER)

561 F(WATER)

560 T(WATER)

703 F(ROCK)

706 F(ROCK)

700 F(ROCK)

203 F(ROCK)

B.R.L.

100'

75'

30'

25' MIN

APPLICATION

PERCOLATION TESTING

A _____

P _____

DISTRICT _____

DATE _____

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

TO: THE COUNTY HEALTH OFFICER
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PROPERTY OWNER Robert P. Buice

ADDRESS 7979 Muncaster Mill Rd. PHONE 410-975-0200

AGENT OR PROSPECTIVE BUYER Donald Rewwer

ADDRESS 10805 Hickory Ridge Rd. Columbia PHONE 410-740-2100

PROPERTY LOCATION:

SUBDIVISION Buice, Sec 1 LOT NO. 2 ~~Pres. Parcel 'A'~~

ROAD AND DESCRIPTION Old Roxbury Rd

TAX MAP 21 PARCEL # 84 Grid 20

SIZE OF LOT _____ TYPE BLDG. _____
(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. Donald Rewwer
(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

HD-216 (3/92)

COUNTY #

SOIL PROFILE

0'

202

orange/tan cl lm

3'

orange/beige/tan silm greater than 50% rock at 7'

9'

203

orange/beige sicl m greater than 50% rock ↓

4.5'

201

grey/orange sacl m 50% rock frags ↓

4'

slope appears to be greater than 25% in designated perc area. (KM)

201 F

100'

203 F ← 120' → 202 F

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2-19-99	201	4.0'D	FAILED DUE TO		ROCK		F
	202	9.0'D	FAILED DUE TO		ROCK		F
	203	4.5'D	FAILED DUE TO		ROCK		F

REMARKS test holes staked (thick woods)

TYPE OF SOIL Manor

TESTED BY Kim Maiste ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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