

APPLICATION

PERCOLATION TESTING

A 516045

P _____

DISTRICT _____

DATE _____

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

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 Susan Moxley LOT NO. 13

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

516045
COUNTY #

SOIL PROFILE

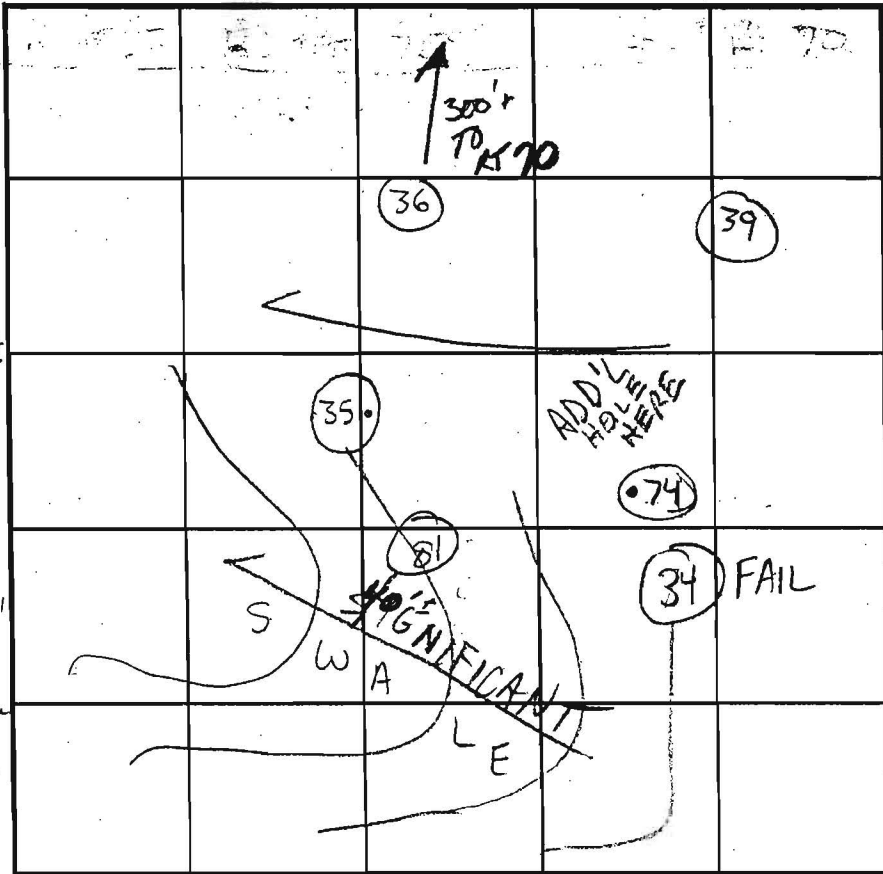
0' (36)
Brn topsoil 6-8"
rd brn cl lm 5-8% Rock
7-7 1/2"
light brn yellow sllm 15-20% Saprolite/Rock mix
14 1/2"

(39)

Topsoil 9" granula
Transition Brn. Pink sllm 2 1/2"
3 1/2"
Pink slm
Rock Frag ~15-20%
Bottom 15'

(35)

Topsoil 6"
Brn Lm Trace rock
7'
pink, beige sand lm weak Saprolite 10-20%
Bottom 16'



SOIL PROFILE

0' (39)
brown topsoil 8-10"
weatered heavy clay loam
2'5"
strong brown clay loam
8'
tan-sandy loam 5-15% Saprolite mix
15'
(81)
dk brn topsoil
strong brn y brn R < 5% sllm
wk rd brn pink fine slm < 5% RF
Bottom 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/6/01	36	7 1/2' S	3:21	3:33	3:33	3:44	11 min
		14 1/2' D	—————>				OK
	39	6' S	3:10	3:12	3:12	3:15	3 min
		15' D	—————>				OK
	35	7' S	12:35	12:33	12:33	12:48	15 min
		16' D	—————>				OK
	34	7' S	12:17	no movement after several min.			NA
		15' D	—————>				FAIL DEEP CLAY
4/15/02	81	7' S	10:58	11:05	11:05	11:25	20 min
		14' V	—————>				OK

REMARKS: Holes per plan Rel. location of 74?
 TYPE OF SOIL _____
 TESTED BY: SRK / KG ALSO PRESENT: Clark Sperry & Donny Wilton Fields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

518045

COUNTY #

SOIL PROFILE

61/62

TOPSOIL

Hvy Rd
CL Lm

5 1/2'
Si Lm
beige
H brn
white
"magenta"
color

v. Sc.
Saprolite
5-10%

Bottom

42 41

TOPSOIL

4"
Dense
rd cl
Trace
Rock

5 1/2'
SAND
to
Sandy
Lm

14 1/2 - 15'
Pink, yellow
tan
weak red
strong brn
TRACE ROCK
10-15% Rx
Bottom

40

TOPSOIL

4"
2.5YR 4/8

Dense
CL

4 1/2 - 5'

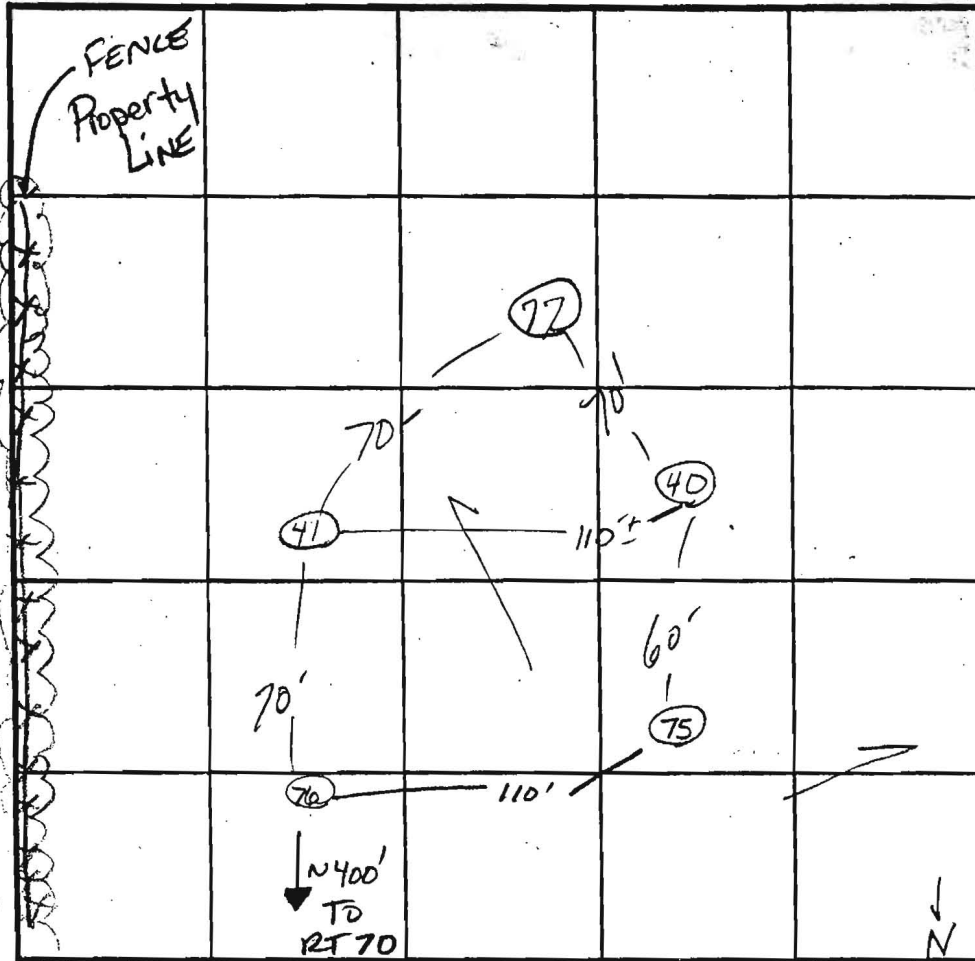
7.5YR 7/6

7.5YR 7/4

5YR 7/2

weak
fr. Saprolite
10-15%

Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-5-01	42	7'5"	11:53 ⁰⁰ AM	11:55 ³⁰	11:55 ³⁰	11:57 ³⁰	2min
		15'D				→	OK
	62	Visual	- see #61				7min
							OK
	40	5'5"	12:09 ⁴¹ PM	12:12	12:12	12:19 ²⁰	7min
		15'D				→	OK
	41	6'5"	12:00 ⁰⁰ PM	12:02 ²²	12:02 ²²	12:07	5min
		14 1/2'D	SEE SOIL PROFILE			→	OK
4-15-02	77	LOT 13					

REMARKS

Holes Per Plan

TYPE OF SOIL

TESTED BY Goedeking / SRK

ALSO PRESENT Donny Simpson
HNTFIELD'S

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

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TELEPHONE: 313-2640

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I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350
Adamsstown, MD 21710

AGENT OR PROSPECTIVE BUYER Benchmark Engineering, Inc.

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105
Ellicott City, MD 21043

PROPERTY LOCATION:
SUBDIVISION Susan Moxley Property LOT NO. 13

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± 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.

Made S. Moxley
(SIGNATURE OF APPLICANT)

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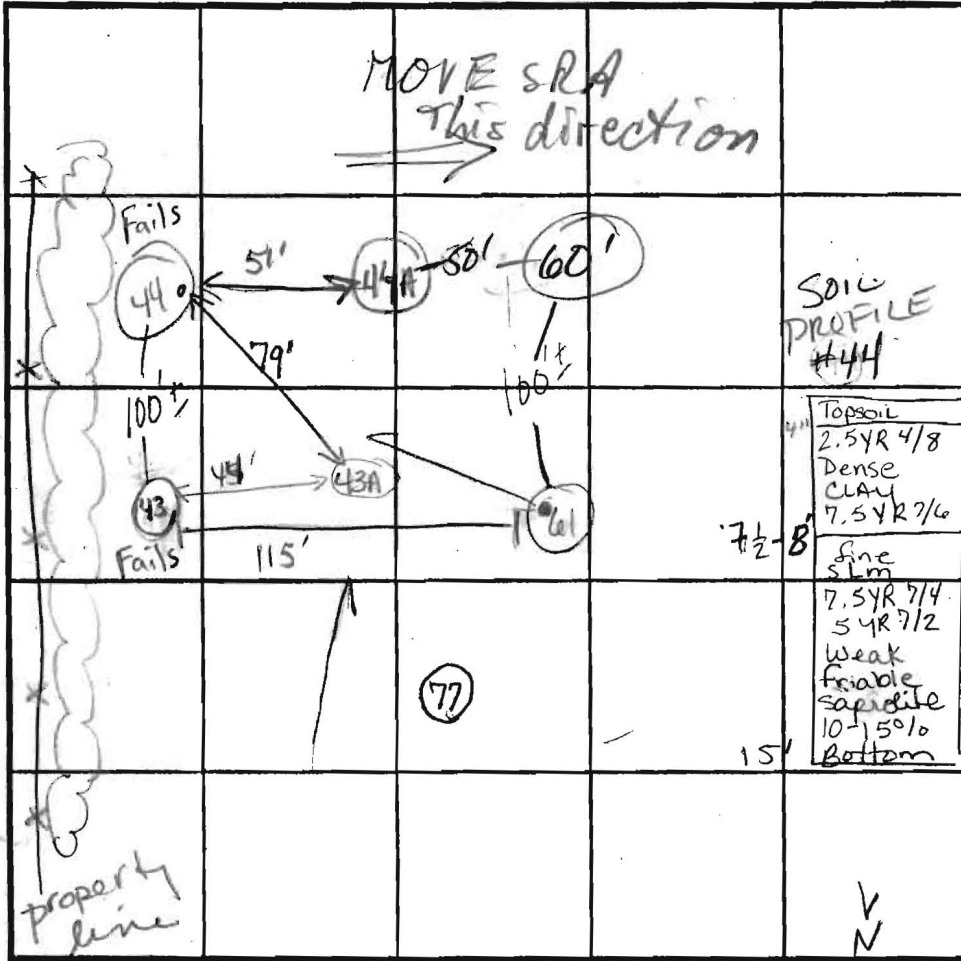
THIS IS NOT A PERMIT

SOIL PROFILE

0' (41)
Topsoil 1'
Hvy Rd cl Lm 5 1/2'-6'
Si Lm beige 1+brn white "magenta" color
Vfr. saprolite 5-10%
Bottom 15'

(43)
Topsoil 1'
Dense Rd cl-CLM Trace Rock 7-8'
Si CL Lm strong brn weakrd Rock / HARD saprolite ~5-10%
Bottom 15'

(44A)
Topsoil 4-6"
Rd. brn TRACE ROCK 2-5 1/8'
CL-CLLM 6'
10R6/2 Pale red, "magenta" 2.5YR 5/8
Si Lm
V. fr. saprolite
Bottom 15'



SOIL PROFILE

0' (43)
Topsoil 4-6"
10YR 6/4 Si Lm - Si CL Lm Trace rock 3'
weak rd dense. CLLM Trace Rock 8'
7.5YR 7/4 pink Si Lm
Bottom 15'

(60)
Topsoil 1'
wk rd Si CL Lm heavy, massive Rx 5-10%
5 1/2' SLm 10% Rx 5YR 7/4 pink 5YR 6/3 1+rd brn Rx 25-35%
Bottom 12 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-5-01	44	7' 1/2'	Pulled @ 11:00 AM	11:19 less than 3/4"			
		13 1/2' D					FAIL
	60	6 1/2' S	11:12 AM	11:16	11:16	11:21	4 min
		13 1/2' D					OK
	61	7' S	11:35 ²¹	11:38 ³⁰	11:38 ³⁰	11:44	7 min
		15' D					OK
	43	7' S	11:45	Pulled	1" > 30min		Fail
		15' D					Fail
	43A	7' 3/4' S / 15' D	12:39	12:50	12:50	1:10	20 OK
	44A	6' S / 15' D	12:34 00	12:35:30	12:35:30	12:37:45	2:15 OK

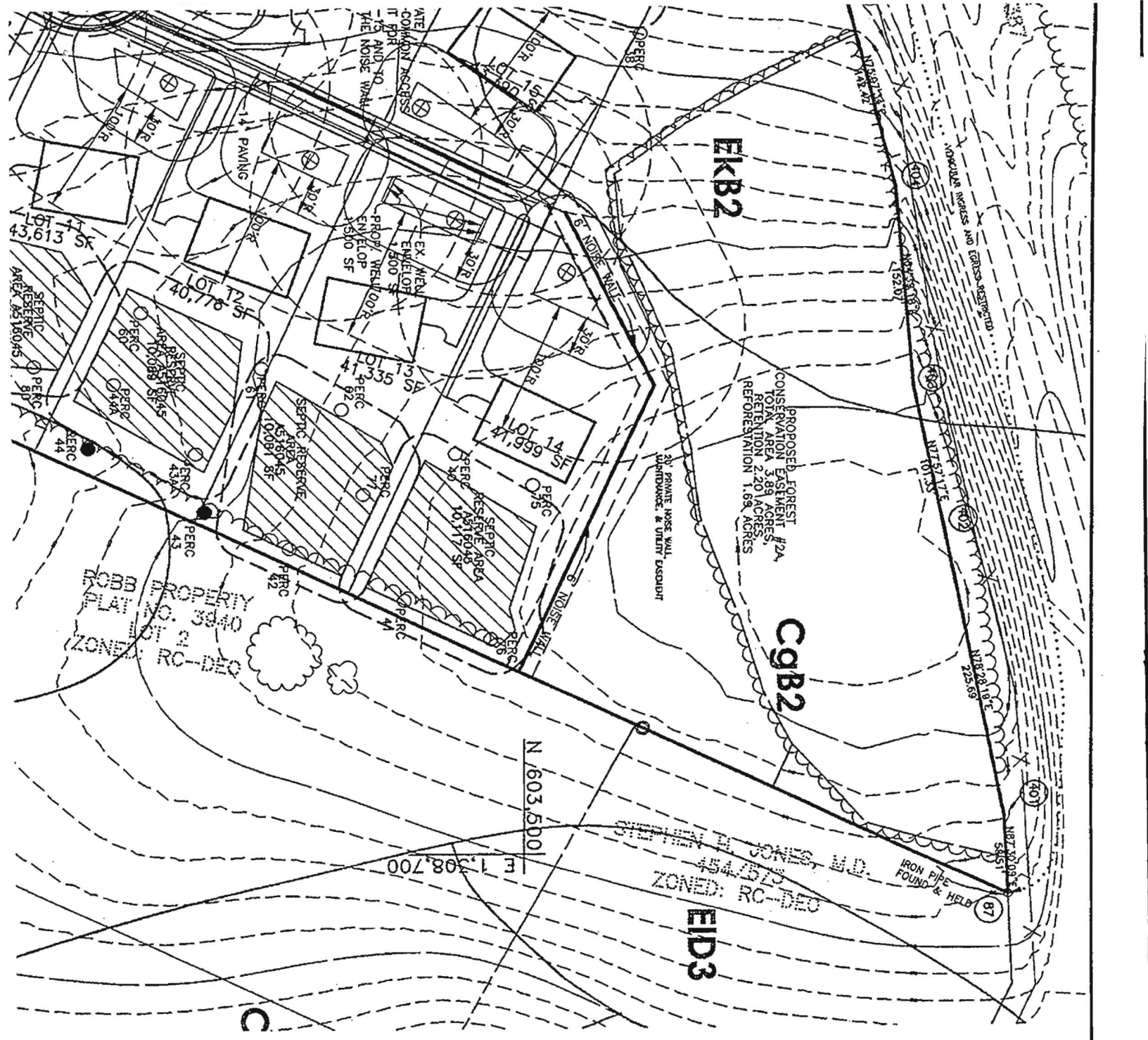
REMARKS 2 HOLES NOT PER PLAN (43A), (44A); OTHERS PER PLAN

TYPE OF SOIL _____

TESTED BY GoedeKing / SRK ALSO PRESENT Danny Simpson HATFIELD

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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



EKB2

CqB2

EID3

JOBB PROPERTY
 PLAT NO. 3840
 LOT 2
 ZONED: RC-DEC

STEPHEN M. JONES, M.D.
 4544775
 ZONED: RC-DEC

signed perc cert 1/20/09

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Maria S. Moxley
(SIGNATURE OF APPLICANT)

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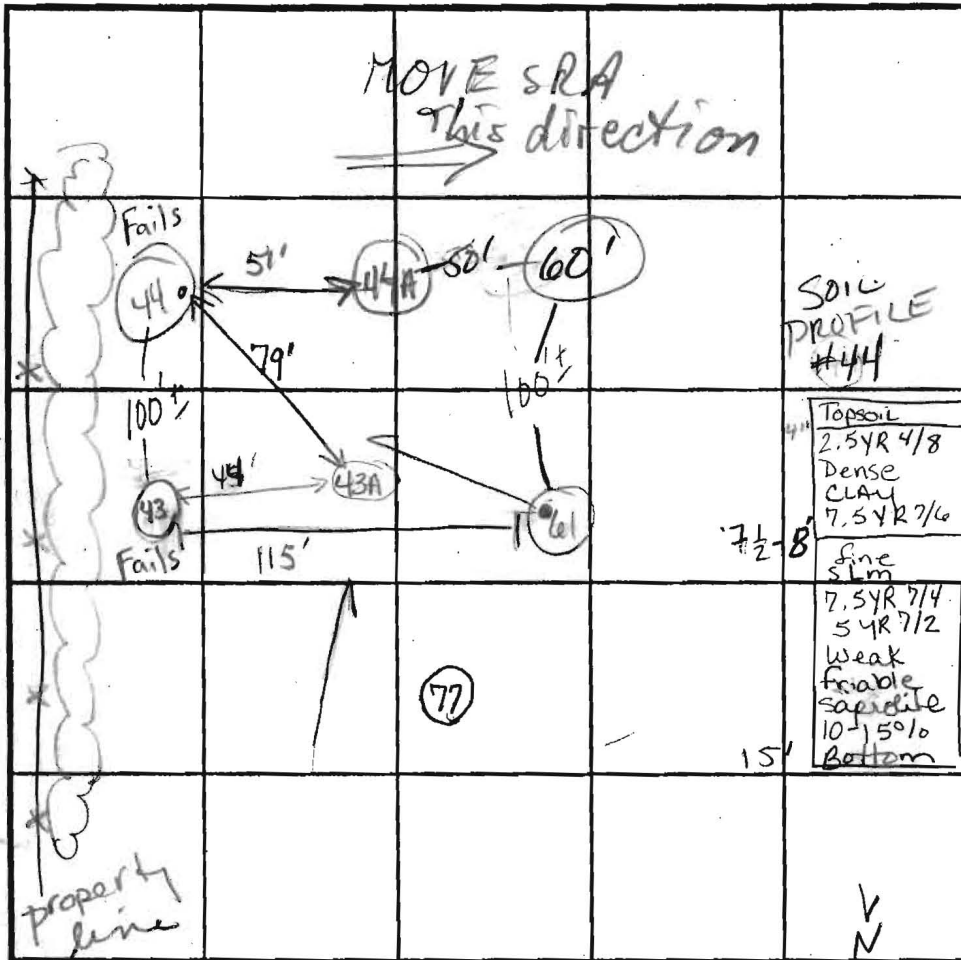
0' (61)
 Topsoil 1'
 Hvy Rd cl Lm 5 1/2'
 Si Lm beige lt brn white "magenta" color
 vfr. saprolite 5-10%
 Bottom 15'

(43)

Topsoil 1'
 Dense Rd cl-clm Trace rock 7-8'
 Si cl Lm strong brn weakrd Rock/HARD saprolite ~5-10%
 Bottom 15'

(44A)

Topsoil 4-6"
 Rd. brn TRACE ROCK 2-5' R5/8
 CL-CLM 6'
 10R6/2 Pale red, "magenta" 2.5YR 5/8
 Si Lm
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 Bottom 15'



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(60)

Topsoil 1'
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 13 1/2' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 70

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	61	7' S	11:35 ²¹	11:38 ³⁰	11:38 ³⁰	11:44	7 min
		15' D					OK
	43	7' S	11:45	Pulled	1" > 30min		FAIL
		15' D					
	(43A)	7' 3/8" / 15' D	12:39	12:50	12:50	1:10	20
	44A	6' 5" / 15' D	12:34:00	12:35:30	12:35:30	12:37:45	2:15

REMARKS 2 HOLES NOT PER PLAN (43A) (44A); OTHERS PER PLAN

TYPE OF SOIL _____
 TESTED BY Goede King / SRK ALSO PRESENT Donny Simpson
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH HATFIELD 5
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

RAMP TO INTERSTATE 70

VEHICULAR IMPRESS AND EGRESS RESTRICTED

PROPOSED FOREST CONSERVATION EASEMENT #2A, TOTAL AREA 3.89 ACRES, RETENTION 2.20 ACRES, REFORESTATION 1.69 ACRES

EKB2

20' PRIVATE NOISE WALL MAINTENANCE, & UTILITY EASEMENT

15' NO WOODY VEGETATION BUFFER

12' ACCESS @ 617

12' ACCESS @ 617

12' SWM ACCESS

24' PRIVATE USE-IN-COMMON ACCESS EASEMENT FOR LOTS 12-15 AND TO ACCESS THE NOISE WALL

EX. WELL ENVELOP 1500 SF

PROP. WELL ENVELOP 1500 SF

SEPTIC RESERVE AREA A516045 10,061 SF

CgB2

LOT 16 41,494 SF

PAVING

PAVING

DOBBS PROPERTY PLAT NO. 3540 ZONED R-1

CgC2

Signed Perc Cert 1/25/10

