

7/10/02
1:30

APPLICATION

PERCOLATION TESTING

A 516976

P _____

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

Ex. lot of
record
10K ~~to~~ not
req'd

DISTRICT _____

DATE 5/18/02

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 Ronald O. Agle

ADDRESS 10349 Old Frederick Rd. PHONE (410) 489-9195

AGENT OR PROSPECTIVE BUYER Jason Neale

ADDRESS 16201 Old Frederick Rd. PHONE (410) 489-7230
410 365-4144 cell

PROPERTY LOCATION:

SUBDIVISION 16357 Old Frederick Rd. LOT NO. 19-D

ROAD AND DESCRIPTION Edwards Lane ; off of old Frederick (Middle trail Estates)

TAX MAP 2 PARCEL # 165

SIZE OF LOT 1.214 AR TYPE BLDG. Single Family
(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.

Jason Neale
(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

SOIL PROFILE

Strong
brn
hvy Loam
Rx 20%[±] 5'

Brn
Loam
Rx
20-30%

Bottom 12'

④

Strong brn
hvy Loam 2 1/2 - 3'

Frag 15-20%
Loam 4 1/2'

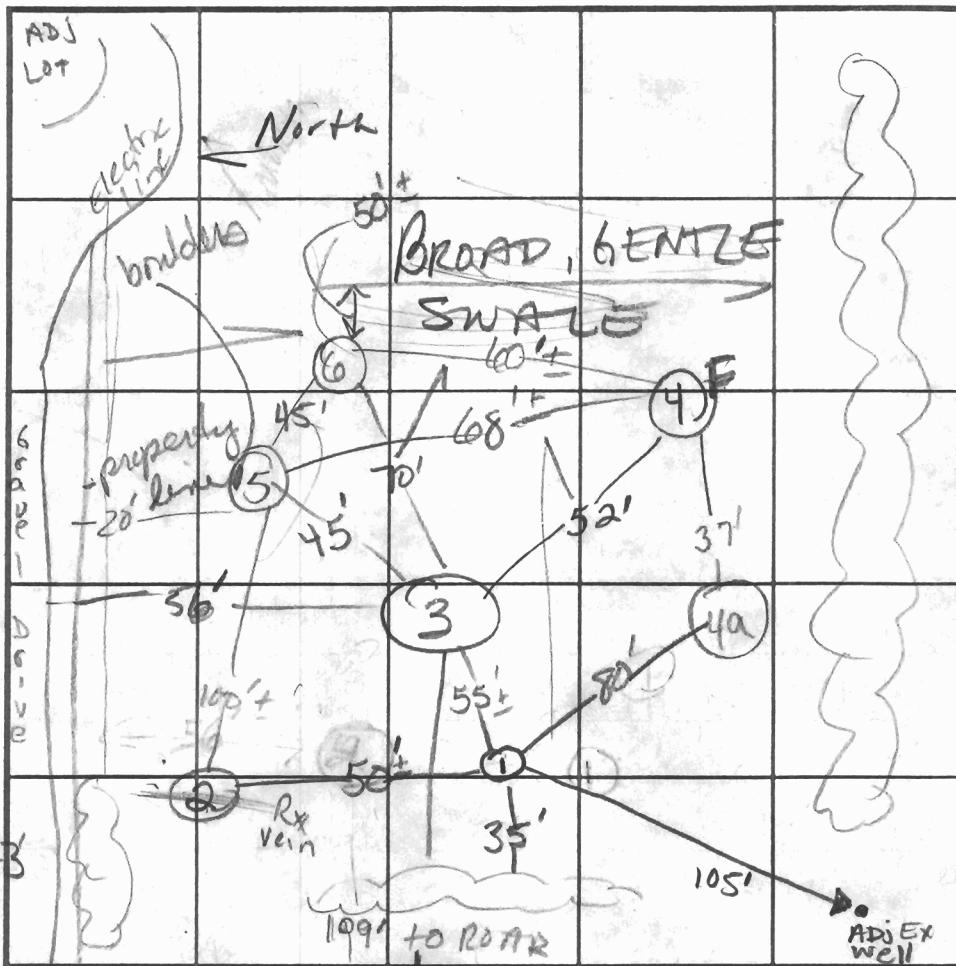
Strong brn
ybrn
Platy
Rx frag
50-55%
S Loam
Bottom 14'

②

Strong
magenta
Lm brn
Silt + yellow
Rock vein 4' SE

Strong
brn
Rx
15-20%

Bottom 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

EDWARDS LN / GRAVEL DRIVE

SOIL PROFILE

4 bedroom
ybrn
Strong brn
S Lm
Rx ≤ 15%

5 1/2' - > 50%
excessive
platy
rock
in
S Lm

13-14 1/2'

⑤

NW
side
4' S Lm
Quartz
Boulders
S Lm
Lm
Rx
30-35%

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-1-02	③	4' S 8' M	2:16:17	TOO SLOW			3 min ✓
	④	@ 14'	2.5 gal in 45 seconds				(F) ✓
	④a	Less rock than hole 4; Rx 35-40%					
		4' S 7 1/2' M	2:00:45	2:10	2:13 1/8" to go	35±	6 min ✓
			2:00:12	2:03	2:03	2:09	
	②	4' S	2:38:25	2:41			11 min (F) ✓
	③	5 1/2' / 12	2:44:35	2:46:38			2:50 3+ min ✓
	①	7' / 13-14	3:05:51	3:06:23			3:07:07 ~ 50 sec (F) ✓
		repour	3:09:08	3:09:49			3:11:00 75 sec (F) ✓
	⑤	4' / 7'	3:33	No movement			3:59 15 min ✓
			3:30:44	3:44	3:44	3:59	
		13' ✓					

REMARKS 12x12 holes

TYPE OF SOIL

TESTED BY Kaci

ALSO PRESENT Ron

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15±

TRENCH WIDTH 3

INLET DEPTH 5 1/2

MAXIMUM BOTTOM DEPTH 7 1/2

SQ. FT./BEDROOM 210



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

516976

COUNTY #

SOIL PROFILE

(6)

org brn
Si Lm
Rx ≤ 5%

4 1/2'

magenta
brn
Shm

Rx
10-15%

Bottom

14'

(4a)

Strong brn
hvy Lm

2 1/2-3'

Frag
15-20%
Loam

4 1/2'

Strong brn
yellow brn
platy
structured
soil
Rx 35-40%

Bottom

14'

SOIL PROFILE

0'

Empty rectangular box for soil profile notes.

Large empty grid for soil profile data.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-1-02	(6)	14 1/2	Visual	See	Soil profile	OK	@ 5 1/2

REMARKS _____

TYPE OF SOIL _____

TESTED BY Kacie ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Empty rectangular box for additional notes.

APPLICATION

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

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Ronald Agle

ADDRESS 16349 Old Frederick Road PHONE 410-489-9195

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

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)

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DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

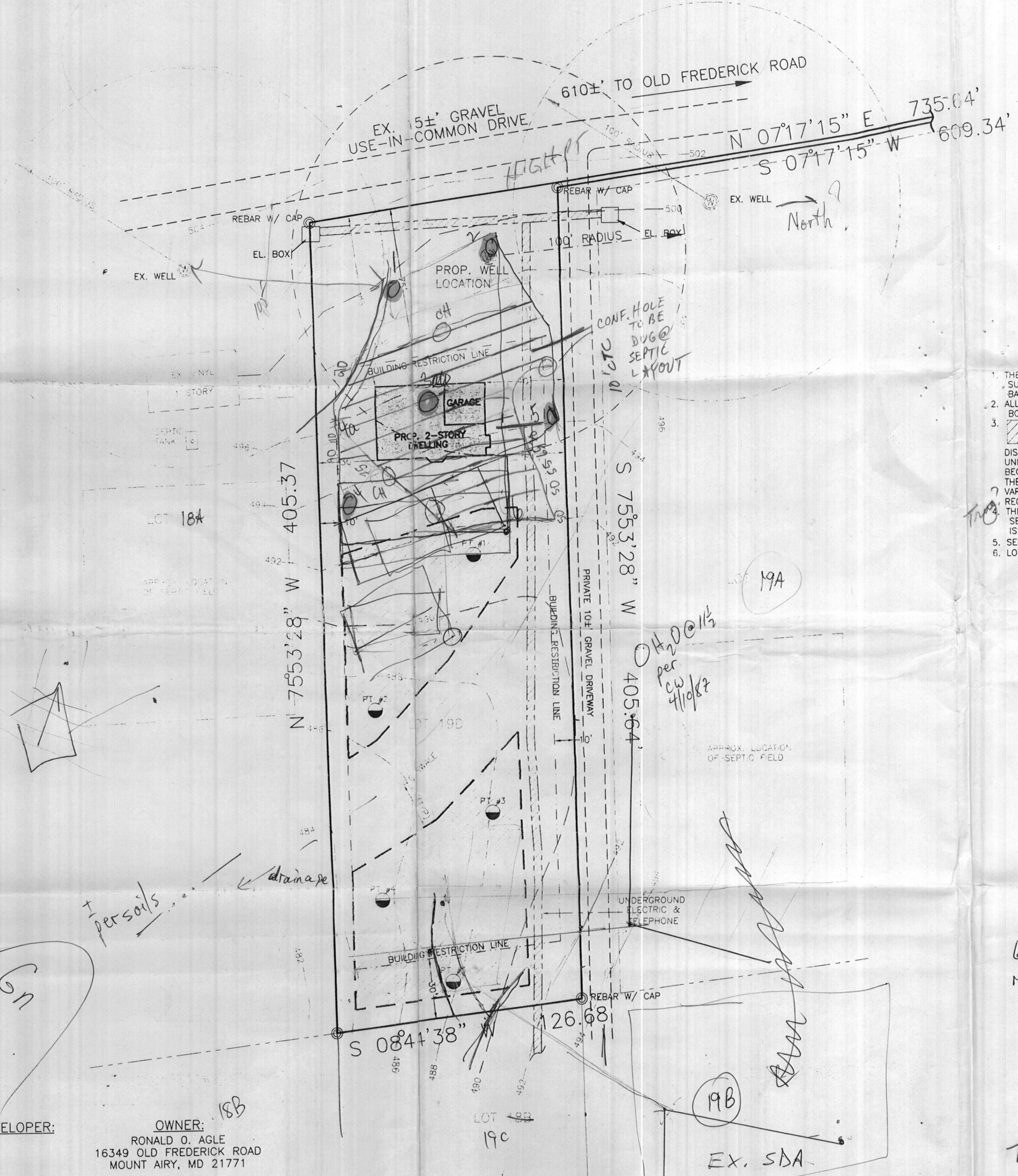
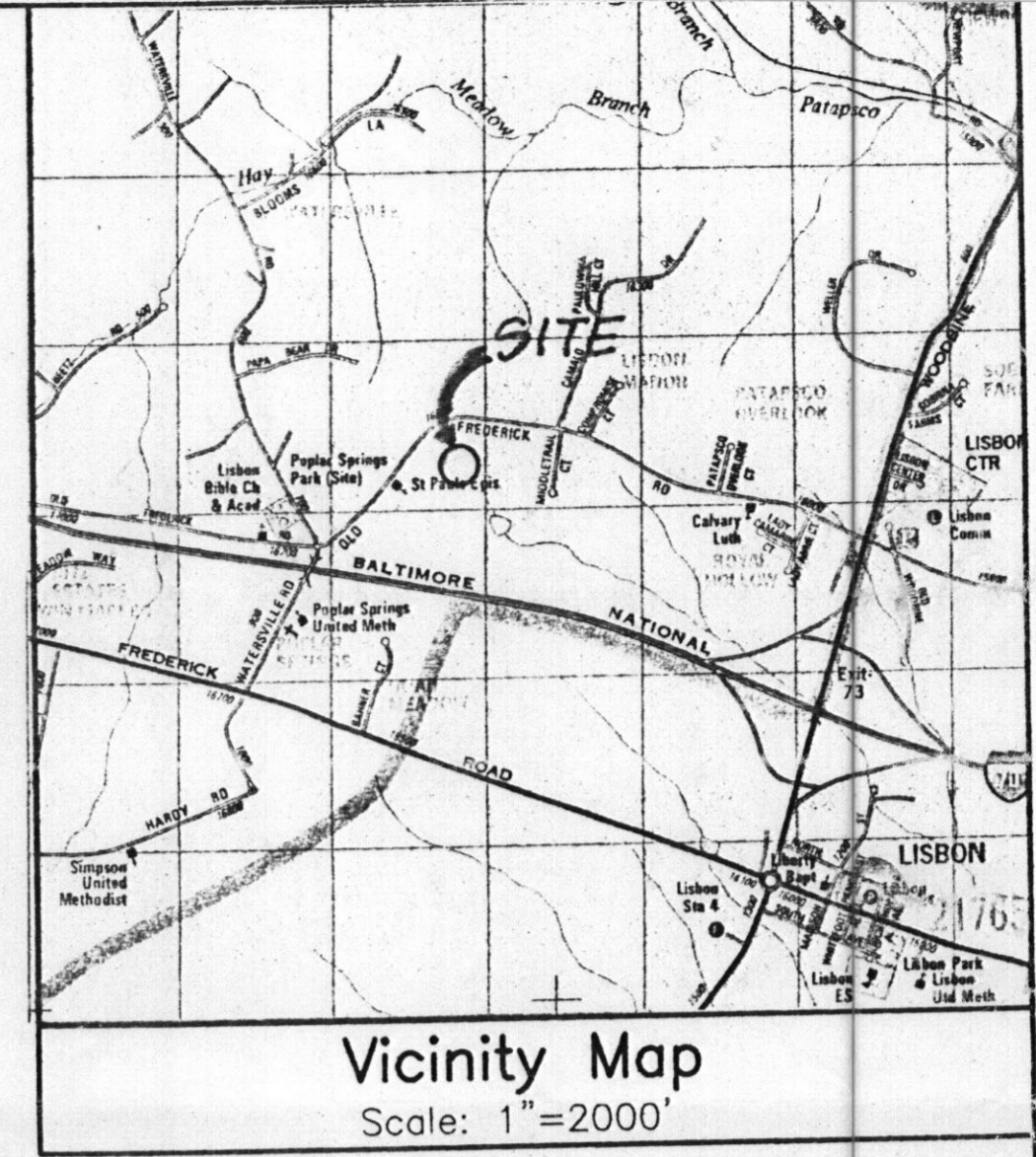
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

SOILS
 SYMBOL MAPPING UNIT
 GIB2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED

DEPTH TO WATER TABLE
 20+
Remove Vanis



Perc Cont
 • Type limited rock patches deep clay. Holes concentration SDA 3, 4, 5, 6. Mand. 25' off 1, 2, 3, 4
 • P/F
 • Confirm Test holes dug @ septic LO
 • Limit to 4 bedroom
 • STANDARD
 • 10K not req'd
 • Reflect sew. area - not easement

- GENERAL NOTES:**
1. THE ELEVATIONS SHOWN HEREON WERE ESTABLISHED FROM A FIELD SURVEY PERFORMED MAY, 2002 BY MARYLAND LAND DESIGN, INC., BASED ON ASSUMED DATUM.
 2. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF ANY PROPERTY BOUNDARY ARE SHOWN HEREON.
 3. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNLESS PUBLIC SEWAGE BECOMES AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THE ENTIRE SITE IS COMPRISED OF THE GLENELG LOAM (GIB2) SOIL SERIES AS SHOWN IN THE SOIL SURVEY FOR HOWARD COUNTY, MARYLAND ISSUED JULY 1968.
 4. SEPTIC DESIGN: 4 BEDROOM HOUSE
 5. LOT AREA = 1.214 ACRES
- ADJUSTMENTS*

Need Arrow North in correct direction

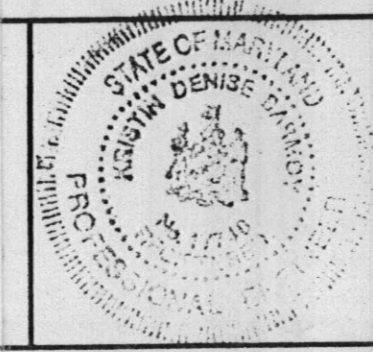
*6/10/02
 ME Meeting w/owner + father:
 not eligible for dry season based on H₂O history on all surrounding lots
 recommend either 1) pumped s.s. w/PT site well or 2) sand mound
 7/25/02 USED FOR PERC TESTING (KN)*

Approved for private water and private sewerage systems for lot 190.
 _____ Date
 Howard County Health Officer

CONTRACT PURCHASER/DEVELOPER:
 JASON NEALE
 7840 KABICK COURT
 WOODBINE, MD 21797
 410-795-8877

OWNER:
 RONALD O. AGLE
 16349 OLD FREDERICK ROAD
 MOUNT AIRY, MD 21771

MARYLAND LAND DESIGN, INC.
 CONSULTING ENGINEERS AND LAND PLANNERS
 2001 MEADOW DRIVE
 WESTMINSTER, MARYLAND 21158
 TELEPHONE: (410) 857-0210 FAX: (410) 840-8443
 857-2030



REVISIONS		
NO.	DATE	DESCRIPTION

PLAN PREPARATION	
DRAWN BY: DWS	DATE: 1 JUNE 2002
DESIGNED BY: DWS	FILE NO. 2002-40
CHECKED BY: DAB	DRAWING NO.

PERCOLATION TEST PLAN	
MIDDLE TRAIL FARMS LOT 190	
TAX MAP 2, BLOCK 22, PARCEL NO. 165; LIBER 2196 FOLIO 431 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	

SCALE
 1" = 30'
 SHEET NO.
 1 OF 1