



Howard County
Health Department

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 12/4/03 TEST TIME _____ A# 519683

AGENCY REVIEW: Relocate septic sys if needed; locate additional area. DATE 12/3/2003

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) Mark Frazier

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 14618 Riggs Meadow Drive Cooksville MD
STREET CITY/TOWN STATE ZIP

APPLICANT Ken Hatfield Hatfields Equipment

DAYTIME PHONE 301 854 6172 CELL _____ FAX _____

MAILING ADDRESS 13785 Burntwoods Rd Glencol MD 21737
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME Riggs Meadows LOT NO. 12

PROPERTY ADDRESS 14618 Riggs Meadow Drive Cooksville
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE 40,000 sq ft

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.

Ken Hatfield
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

AVF A

Strong
rdm
CLC

3'

Rx > 50%
stormy
frags
NO TX
ZONE

Refusal

 $7\frac{1}{2}$

Strong org
SiCL-CL

21

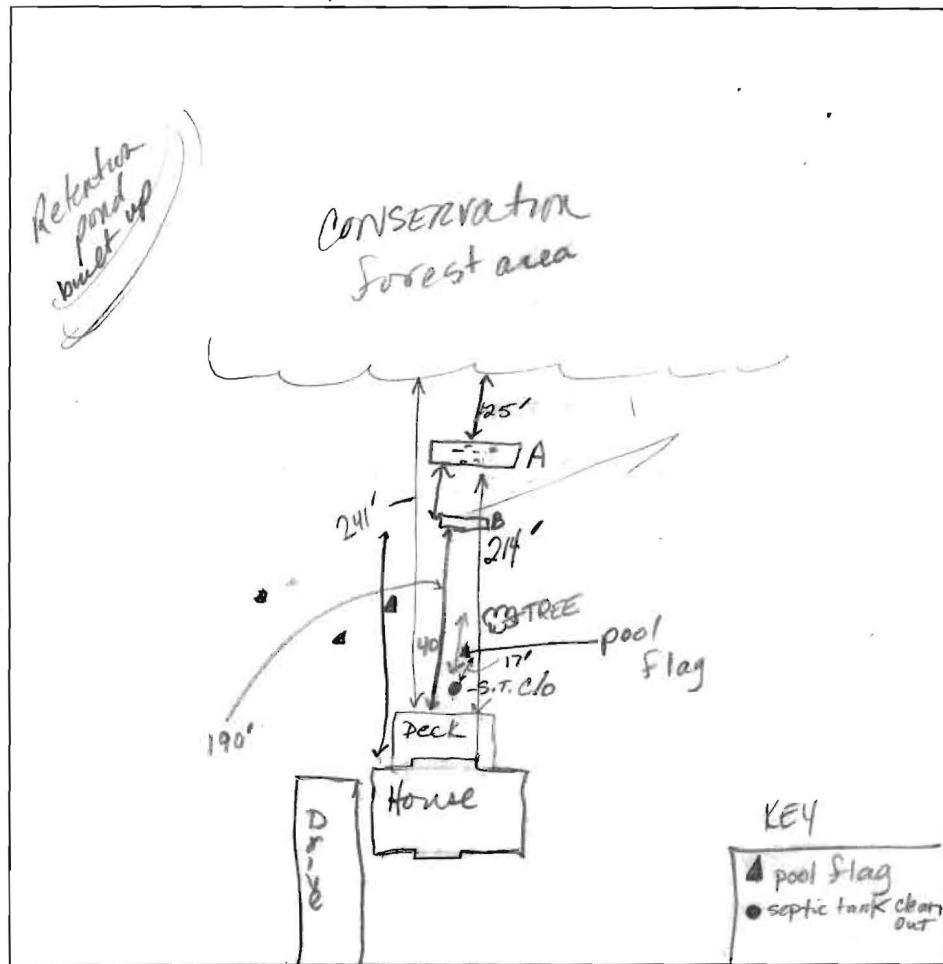
magenta
tan
wKorg
Si Lm
Rx-cherty
Frag \approx 15

81

Rock Frags
(Flaggy)
Begin

Rock $\approx 20\%$
Lg frags

HB

 $10\frac{1}{2}$ 

RIDGE MEADOW CT

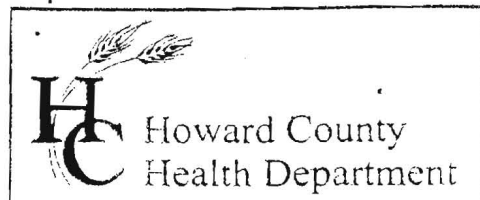
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/4/03	A	7 1/2' Refusal					
	B	3 1/2'	12:19	12:23	12:23	12:32	9 min
		10 1/2' - poured bucket - gone in 510 sec.					
	- S.T. C/O to deck 8'						
	- BOTTOM EDGE OF EXISTING SDA IS 80' FROM REAR LOT LINE						
	- MEASURED DISTANCES FROM SCALED Final Record PLAT						
	- FROM BUMP-OUT END OF LAST TRENCH						110'

REMARKS Lot NOT staked. Pool (Proposed) is staked.

SANITARIAN AN BACKHOE Not used OTHERS _____

TEST HOLES USED IN SDA	AVG. PERC TIME	SQ. FT/BR
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TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 10, 2003

Mr. Frazier
14618 Riggs Meadow Drive
Cooksville, MD 21723

Re: Proposed Pool/ Septic Area Evaluation
Riggs Meadow, Lot 12
14618 Riggs Meadow Drive

Dear Mr. Frazier:

Our office conducted a site and soil analysis inspection on 12/04/03, which yielded limiting yet acceptable conditions per the state regulations. Solid Rock occurred at 7' deep and further uphill at 10 ½ feet. However, the latter hole had a four-foot buffer/ treatment zone identified in the percolation testing. While at the site, distances were measured from the proposed pool site marked by blue flags to the location of the existing trenches. Enclosed are field notes for you to review.

It appears additional area approximately 15 feet further downhill of the existing septic disposal area is available to replace lost septic area near the house due to the proposed location of the pool. However, per our conversation on December 9, 2003, I strongly recommend locating the pool closer to the driveway/ house in order to save your second highest trench; this would prevent the need of an additional trench added below the existing fourth trench. As a reminder, the pool's edge must be 20 feet away from the highest trench and 10' away from the septic tank.

Please send a new site plan with the adjusted location of the proposed pool. Ensure the site plan is no larger than a 1:50 scale, and also include the site locations of the two new test holes and a phantom layout of the existing septic system (or use dashed lines) drawn to scale. Either an engineer or you can create the site plan, which you will submit with the permit.

If you have any other questions or concerns, please contact me at 410-313-2694. Thank you for your time in this important matter.

Sincerely,
Kacie Noonan
Kacie Noonan
Sanitarian

Cc: file

Deck size 37'4" W X (18'-12'-22') D

NOT TO SCALE
SC 12/

Blown up to Scale

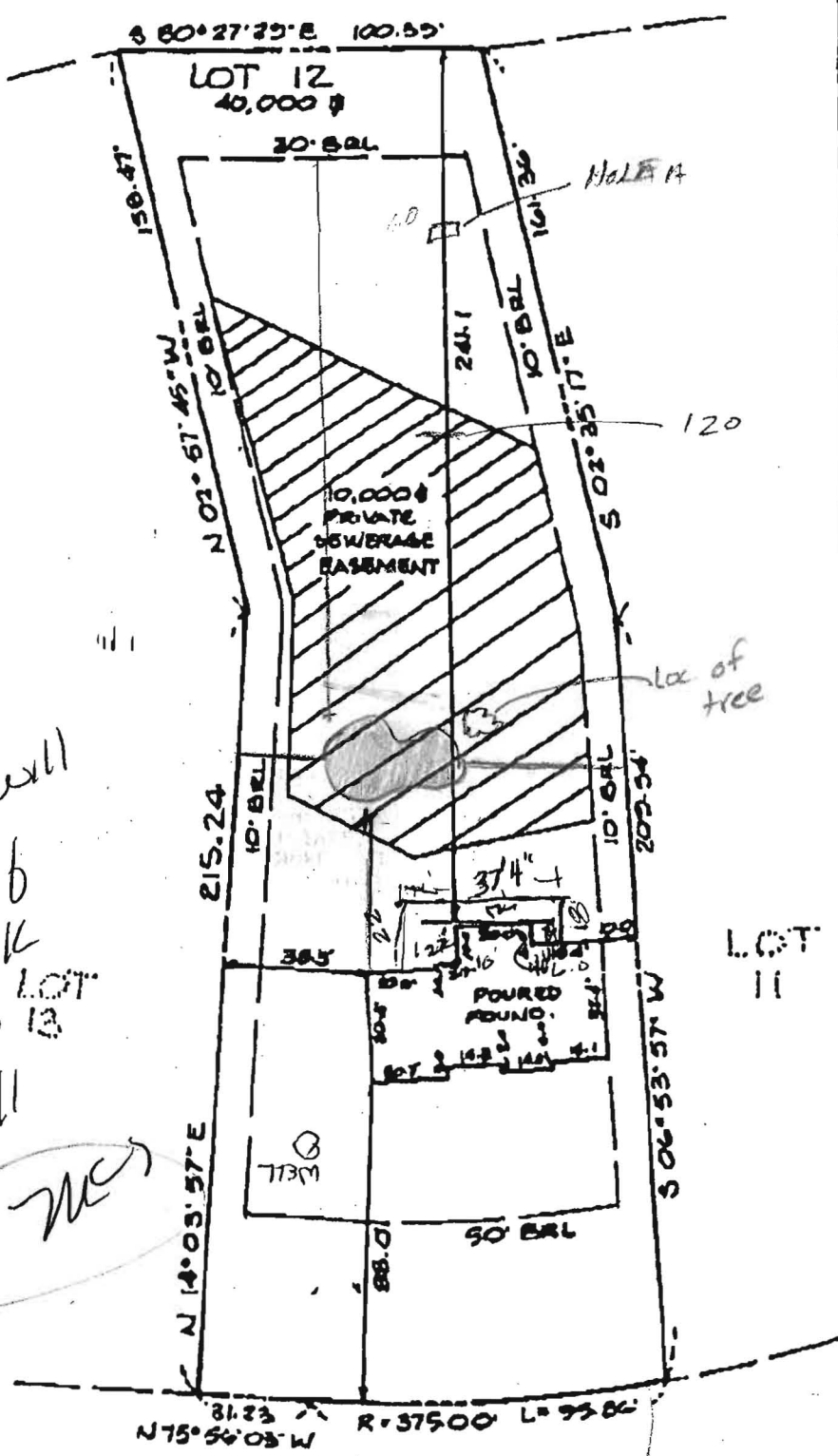
THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

12/19/03
Proposed pool loc. is 10' away from existing trench

5/12/99
Proposed deck will be appx 9.0' off septic tank - OK to proceed - no impact to well

not to scale
10/16/98

PLAT NORTH



TOP OF FOUNDATION WALL ELEV. = 648.5

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA FIRM IDENTIFIED BELOW AT THE WRITTEN REQUEST OF THE PURCHASER. NO PROPERTY CORNER MARKERS HAVE BEEN SET.

PETER J. DARE
MO. PROPERTY LINE SURVEYOR #224

RECORD PLAT No. 18961
FEMA FIRM No. 240044 0008 B
DATED DECEMBER 4, 1986

TSA GROUP, INC.

planning • architecture • engineering • surveying
8480 BALTIMORE NATIONAL PKE SUITE 418
ELLICOTT CITY, MARYLAND 21043
(410) 488-8108

RIGGS MEADOW DRIVE



LOCATION DRAWING
RIGGS MEADOW

LOT 12
14618 RIGGS MEADOW DR.

4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 7-15-98