

2/13/03  
9-9:30

# APPLICATION

PERCOLATION TESTING

A 518531

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

EX. <sup>OLD</sup>~~221~~ SFD NO RECORDS  
Proposed Addition DISTRICT \_\_\_\_\_  
OF 1 BR W/ 1 BR REMOVAL DATE 2/3/2003  
TO EX. 3 BR HOUSE

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 Kurt Peterson

ADDRESS 15780 Union Chapel Rd. 21797 PHONE 410-489-7224

AGENT OR PROSPECTIVE BUYER Bill Ingram - Farm & Home Exc.

ADDRESS \_\_\_\_\_ PHONE 410-442-2139

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 15780 Union Chapel Rd.

TAX MAP 14 PARCEL # 170

SIZE OF LOT 5.9 acres TYPE BLDG. Ex. Single Family W/ADD'N  
(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.

Bill Ingram  
(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' ALL HOLES

red orge  
dk. brn  
cl lm3 1/2  
4 1/2  
hvy lm

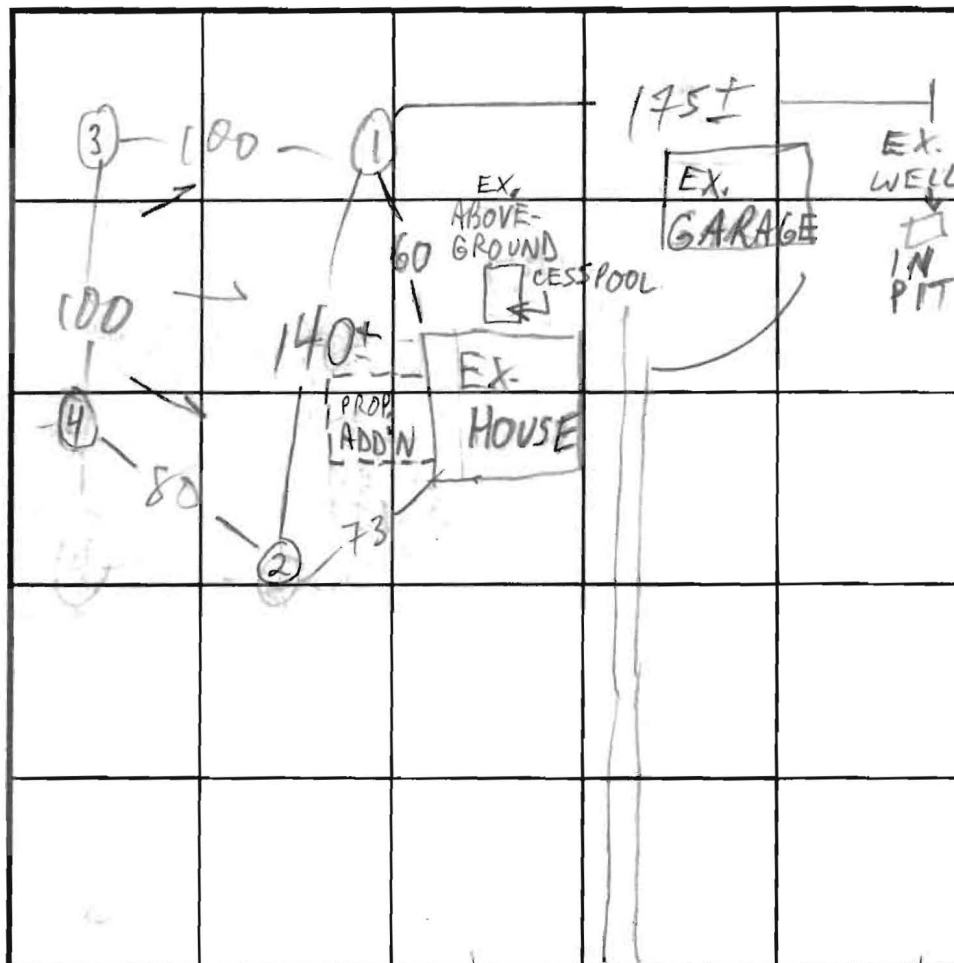
beige tan

lt. brn

sa lm

10-20%  
Frag

12



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. UNION CHAPEL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/13/03	1 <sup>S</sup> V	5' 12'	10:04	10:07	10:07	10:13	6
	3 <sup>S</sup> V	4 3/4' 12 1/2'	10:11	10:17	10:17	10:26	9
	4 <sup>S</sup> M	4 1/8' 12'	10:21 10:46:30	10:28 10:51	10:28 10:51	10:38 11:01	10 10
	2 <sup>V</sup>	12 1/2'	OK see profile				

REMARKS

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT owner, Bill Ingram

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

9

TRENCH WIDTH

2

INLET DEPTH

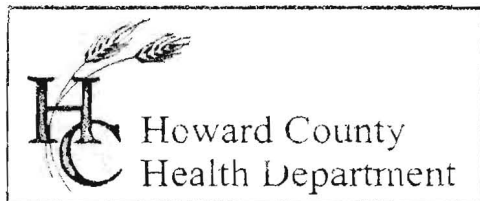
4

MAXIMUM BOTTOM DEPTH

8

SQ FT/BEDROOM

210



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](http://www.hchealth.org)

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

February 21, 2003

Kurt Peterson  
15780 Union Chapel Road  
Woodbine, MD 21797

RE: Percolation Test Results – A 518531  
Establish Septic Reserve Area in Support of Addition  
15780 Union Chapel Road  
Tax Map 14, Parcel 170

Dear Mr. Peterson:

Percolation testing conducted February 13, 2003 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations and elevations of all excavated test holes
- 2) the existing house, outbuildings, well and cesspool
- 3) proposed addition
- 4) topography, including locations of any relevant features such as streams or swales
- 5) septic system detail, including proposed layout and plumbing elevations
- 6) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) a note indicating that depicted topography reflects field-matched information
- 8) a note indicating the purpose of the plan is to establish septic reserve area in support of a proposed 1-BR addition with 1-BR deletion to existing 3-BR house
- 9) a note indicating specific proposed intentions regarding the existing cesspool

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

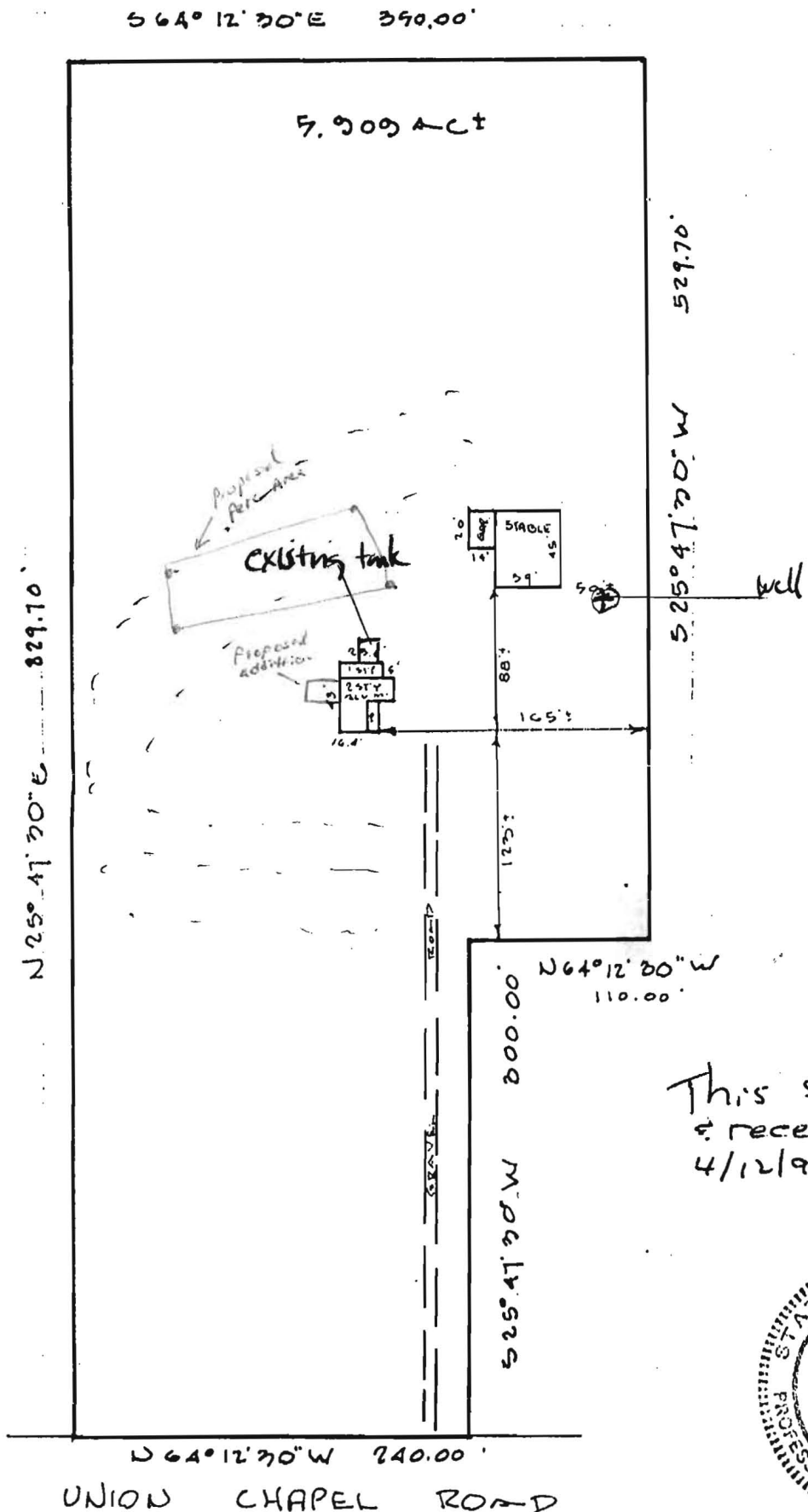
cc: Bill Ingram  
File

Property known as: Kurt Peterson  
15780 UNION CHAPEL ROAD  
DEED 1011 F.590  
4th ELECTION DISTRICT HOWARD CO. MD

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

410-489-7224

Tax Map #14  
Parcel 170



This survey is updated & recertified as of 4/12/92

*Axel F. Loen*



CERTIFICATION	SEAL	SCALE 1" = 100' DATE 12-30-1982
<p>This is to certify that I have surveyed the property known as: <u>15780 UNION CHAPEL ROAD</u></p> <p>for the purpose of locating the improvements thereon, and the improvements are located as shown.</p>		<p>AXEL F. LOEN</p> <p>PROFESSIONAL LAND SURVEYOR</p> <p>730 - 0967</p> <p>10372 CURRYCOMB COURT</p> <p>COLUMBIA, MD. 21044</p>