

6/15/00
10:00

APPLICATION

PERCOLATION TESTING

A 513551

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

Proposal - relocate
approved SRA to
accommodate house
site

P _____

DISTRICT 4th

DATE 4/20/00

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 KEVIN BIDEN

ADDRESS P.O. Box 1051 M.T. Airy Md 21771 PHONE Day - 410-977-8925

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS N/A PHONE N/A

PROPERTY LOCATION:

SUBDIVISION Wilets Property LOT NO. #1

ROAD AND DESCRIPTION Long Corners Rd 3 miles off 144 on Right

TAX MAP #6 PARCEL # 55

SIZE OF LOT 60,000 sq. FT 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. Kevin Biden
(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

513551

COUNTY #

SOIL PROFILE

0'	Topsoil
16"	red brown hard clay loam
25'	tan orange sandy clay loam hard rock frags
4'	tan orange sandy loam
8'	ROCK FRAG BORDER 50% ROCK CHANNERY
10.5'	REFUSAL

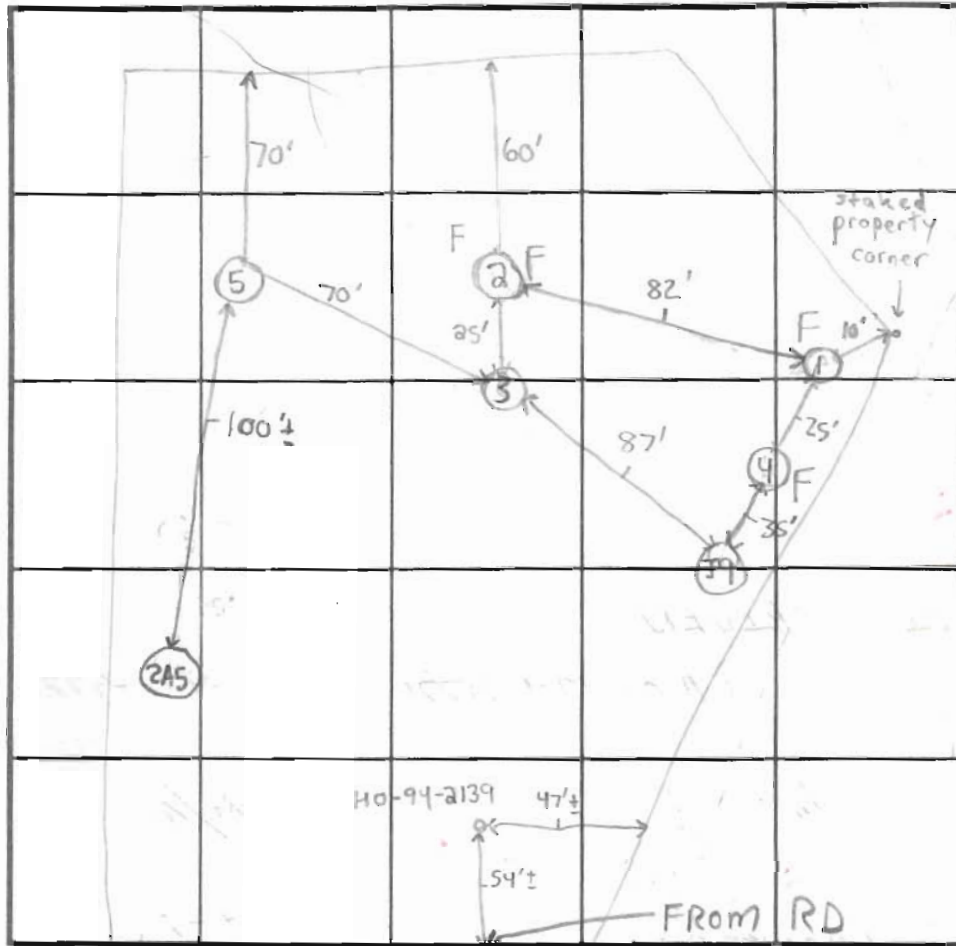
3

8"	Topsoil
	orange brown clay loam
2.5'-3'	tan orange brown sandy clay loam
	35-40% CHANNERY

12' HARD BOTTOM

4

16"	Topsoil
	red brown hard clay loam
2.5'	tan-orange sandy clay loam
6.5'	>50% CHANNERY ROCK FRAGS
10'	HARD BOTTOM



SOIL PROFILE

0'	Topsoil
4"	tan-brown silty clay loam
2'	tan-brown silty loam
	20-30% Channery
14'	

in addition to large rock content

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
LONG CORNER ROAD

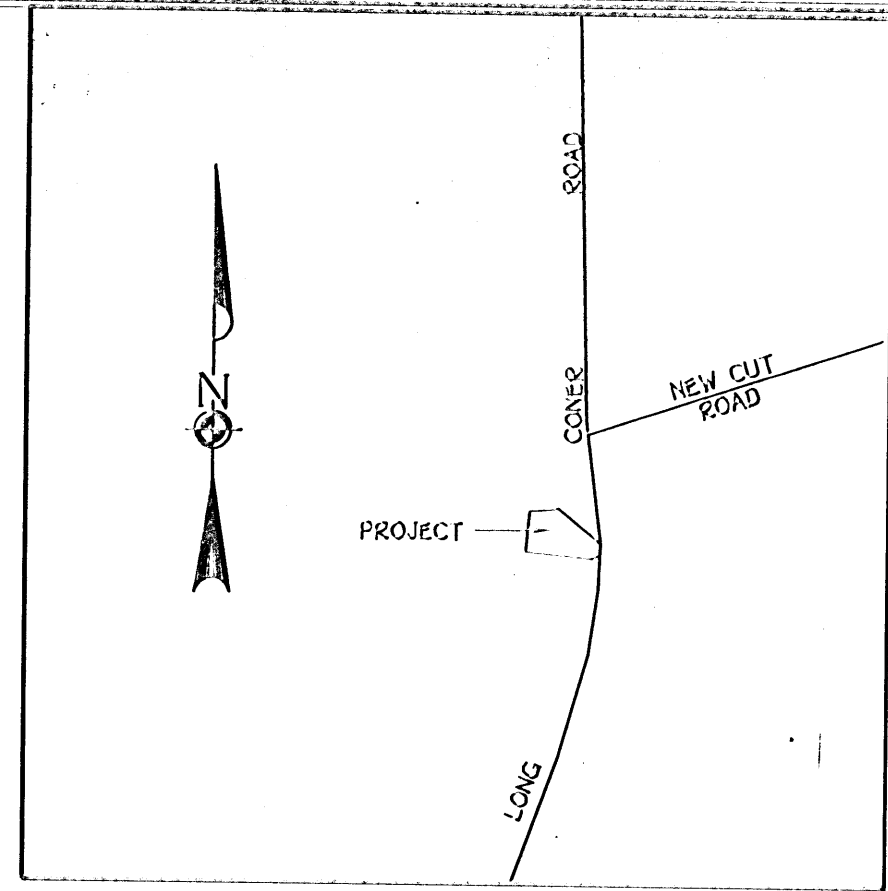
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6-15-00	1	2'S 10.5'V	11:21am	11:33am	11:33am	12:04pm	31min	FAILS
	2	2'S	FAILS	BACKHOE REFUSAL	AT 2'			FAILS
	3	4'S 12'V	1:12pm	1:24pm	1:24pm	1:54pm	30min	OK
	4	10'V	FAILS	>50% ROCK FRAGMENTS				FAILS
	J9	PREVIOUSLY		PASSED BY	GLEN SAVAGE			
	5	14'V	SEE	SOIL PROFILE				OK
	2A5	PREVIOUSLY		PASSED BY	GLEN SAVAGE			

REMARKS: Soils are marginal, contain channery frags, hole #5 is best soil
 TYPE OF SOIL: Very Channery but perc rates are slow (clay content helps)
 TESTED BY: Steven R. Krieg ALSO PRESENT: Kevin Biden (Owner/Builder), Stan Goodwin, Marshall Day, J. Joseph Gartland's Men
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

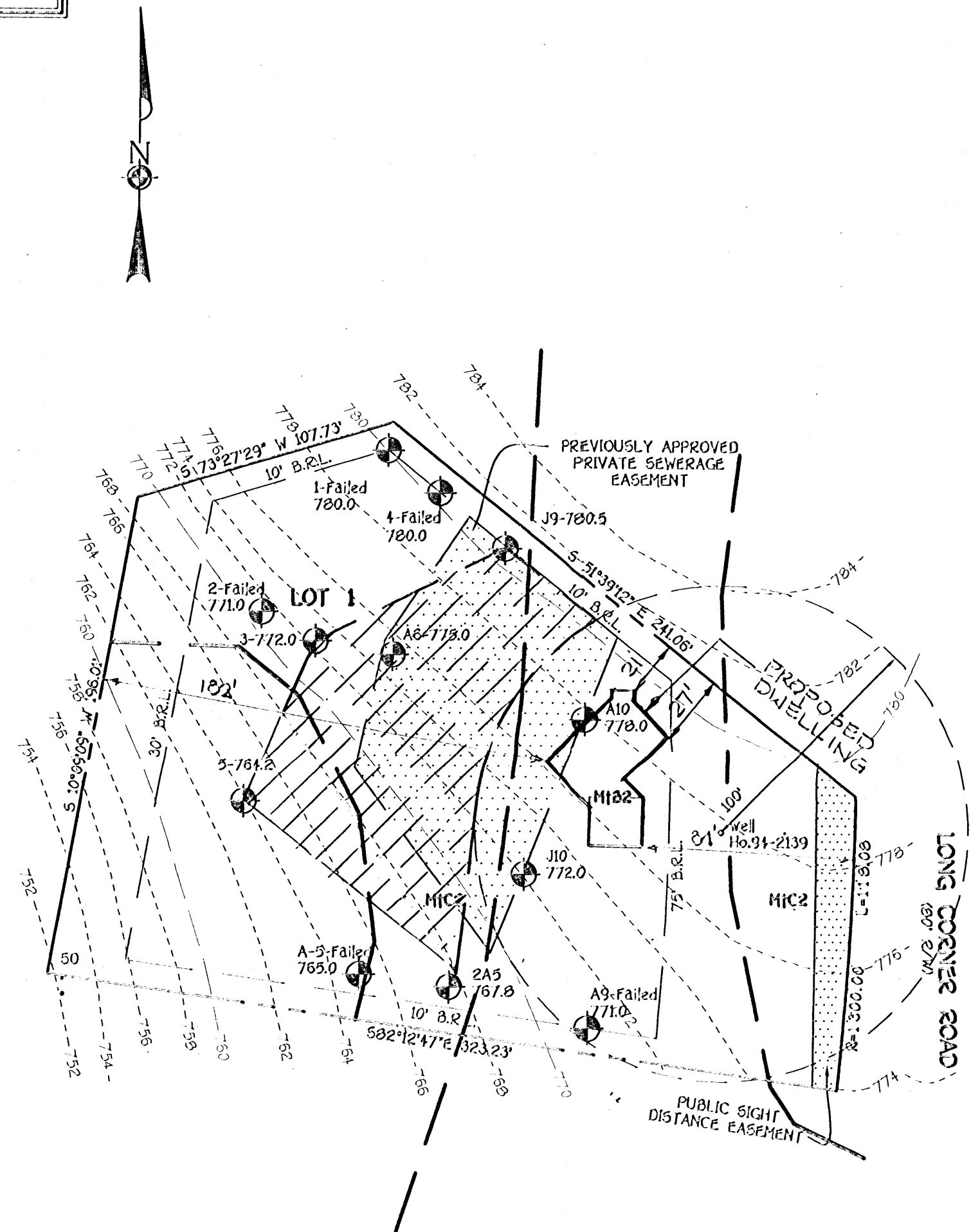
SOILS LEGEND		
SOIL	NAME	CLASS
MIB2	Manor Loam	B
MIC2	Manor Loam	B
MIC3	Manor Loam	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas



VICINITY MAP
SCALE: 1" = 1200'



GENERAL NOTES:

1. [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 3. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
 4. (W) DENOTES EXISTING WELL LOCATION.
 5. (P) DENOTES PERC HOLE LOCATION.
 6. OWNER & DEVELOPER:

Kevin W. Biden
P.O. Box 1051
Mt. Airy, MD. 21771
 7. B.R.L. DENOTES BUILDING RESTRICTION LINE
 8. TOPOGRAPHY BASED ON 600 SCALE TOPOGRAPHIC MAP OF HOWARD COUNTY, MD. MAP GC-0119-T-6.
- [Dotted Area] PREVIOUSLY APPROVED PRIVATE SEWERAGE EASEMENT.

RE-PERC CERTIFICATION PLAT
WILETS PROPERTY
LOT 1
TAX MAP 6 ZONED RC PARCEL 55
4th ELECTION DISTRICT HOWARD COUNTY MARYLAND
SCALE 1" = 50' DECEMBER, 2000

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Eric M. ...
COUNTY HEALTH OFFICER
DATE 1/9/01

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21012
(410) 461-2000

PC510157



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

July 3, 2000

Kevin Biden
P. O. Box 1051
Mt. Airy, MD 21771

RE: Percolation test results: A 513551
Purpose: Relocate/revise existing sewage disposal area
Property ID: Wilets Property Lot - 1
Long Corner Road
Tax Map: 6 Parcel: 55

Dear Mr. Biden:

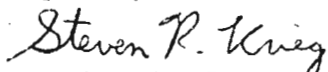
Percolation testing conducted June 15, 2000 on the above referenced property yielded limited satisfactory soil conditions.

Further review is contingent upon submission of a revised perc certification plat by a registered engineer. This plan must include the following:

- actual locations and elevations of all recently excavated test holes
- new boundary of the revised septic area
- existing drilled well
- proposed house location with septic system layout
- field matched contour lines at 2-foot intervals
- locations of any wells or septic systems on adjacent properties within 100 feet of the property boundaries

The plat should be submitted within sixty (60) days to allow field verification if necessary. Please find copies of the percolation test notes enclosed. If you have any questions regarding this matter, please contact me at the address below or by calling (410) 313-2640. Thank you in advance for your time and cooperation.

Respectfully,


Steven R. Krieg, Sanitarian
Water and Sewerage Program

SRK
cc: file