

1/15/02
ID=00

APPLICATION

PERCOLATION TESTING

A 516459

P _____

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

*Retest
for house site*

DISTRICT _____

DATE 1/2/02

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 STEVE FRANZ & BEAH ZAUBER

ADDRESS 5503 GREEN DORY LN, COLUMBIA 21044 PHONE 410 715 1041

AGENT OR PROSPECTIVE BUYER KENT BUILDING SERVICES LLC

ADDRESS 7516 FRAMEWOOD DRIVE, CLARKSVILLE MD 21025 PHONE 410 880 1955

PROPERTY LOCATION:

SUBDIVISION MEADOW WOOD LOT NO. 39

ROAD AND DESCRIPTION CROWFOOT ROAD

TAX MAP 40 PARCEL # 139

SIZE OF LOT 3.065 AC 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.

K. Kent
(SIGNATURE OF APPLICANT)

APPROVED BY Septic Field Design Now and see if they have it (I suspect a 5 Bdrms Design pending) FOR _____ DATE 1/15/02

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' **(A)**
 Or Br Sa
 Cl Loam
 25'-4'

Tan Sa
 Loam
 ~ 20%
 Shale
 Fragments

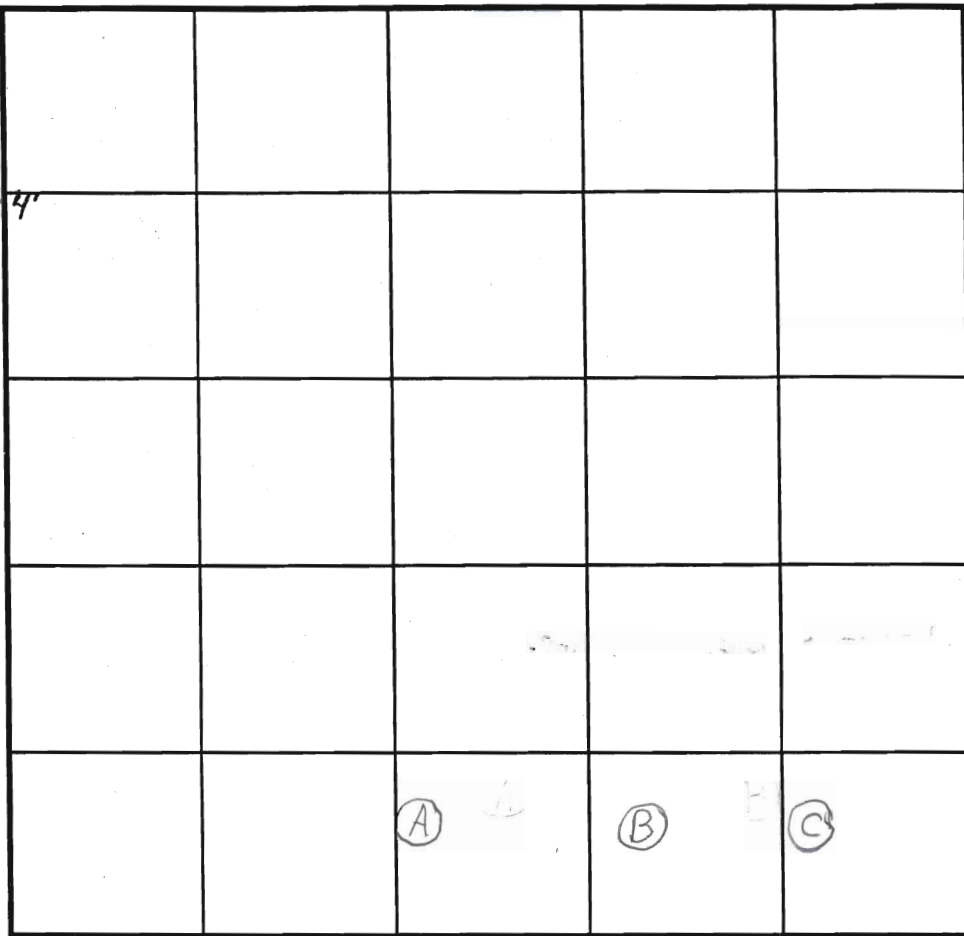
SOIL PROFILE

0' **(D)**
 Or Br Sa
 Cl Loam
 2.5'

Or and
 Tan Sa
 Loam

~15%
 Shale
 Fragments

10.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(B)
 Or Br Sa
 Loam
 3.5'

Yellow
 Tan Sa
 Loam
 ~ 20%
 Shale
 Fragam

12.5'

(C)
 Or Br Sa
 Cl Loam
 3'-4'

Tan Sa
 Loam
 25-30%
 Shale
 Fragments

10.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/15/02	B	3.5'/12.5'			10:49:40	10:50:25	35 sec
			10:51:40	10:52:35	10:52:35	10:54	~1 1/2
			10:54:35	10:56:05	10:56:05	10:57:50	1 3/4
		2'	11:02:30	11:03:45	11:03:45	1:06:45	3
	A	12'V	-Sec Profile		→		OK
	C	10.5'V	"		"		OK
	D	10.5'V	"		"		OK

REMARKS System as shallow as possible due to fast
 TYPE OF SOIL perc rates
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH 1.5' MAXIMUM BOTTOM DEPTH 3.0' SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

0' (E)
 Or Br Sa
 Cl Loam

2.5'
 Or Br
 Sa Loam
 ~30% Rock

4.5'
 Vein of
 ~95% Quartz
 On Side of
 hole closest
 to Crows Foot
 Rd. -
 Undiggable

7.5'
 Pocket of
 75%
 Rock

11'

(F)

4.5'
 Very Rocky
 Or Red Br
 Sa Cl Loam

6.5'
 Or Br
 Sa Cl Loam

Light Br
 and Gray
 Green
 Si Loam
 ~20%
 Rock

8'
 Gray Green
 Si Loam 20-30% Rock

9.5'
 Caving
 water

11'
 Hard
 Bottom

12.5'

(G)

3'-4'
 Or Br Sa
 Cl Loam

Light Or
 and Br
 Sa Loam

15-20%
 Rock

12.5'

SOIL PROFILE

0' (H)
 Red Or Br
 Sa Cl Loam

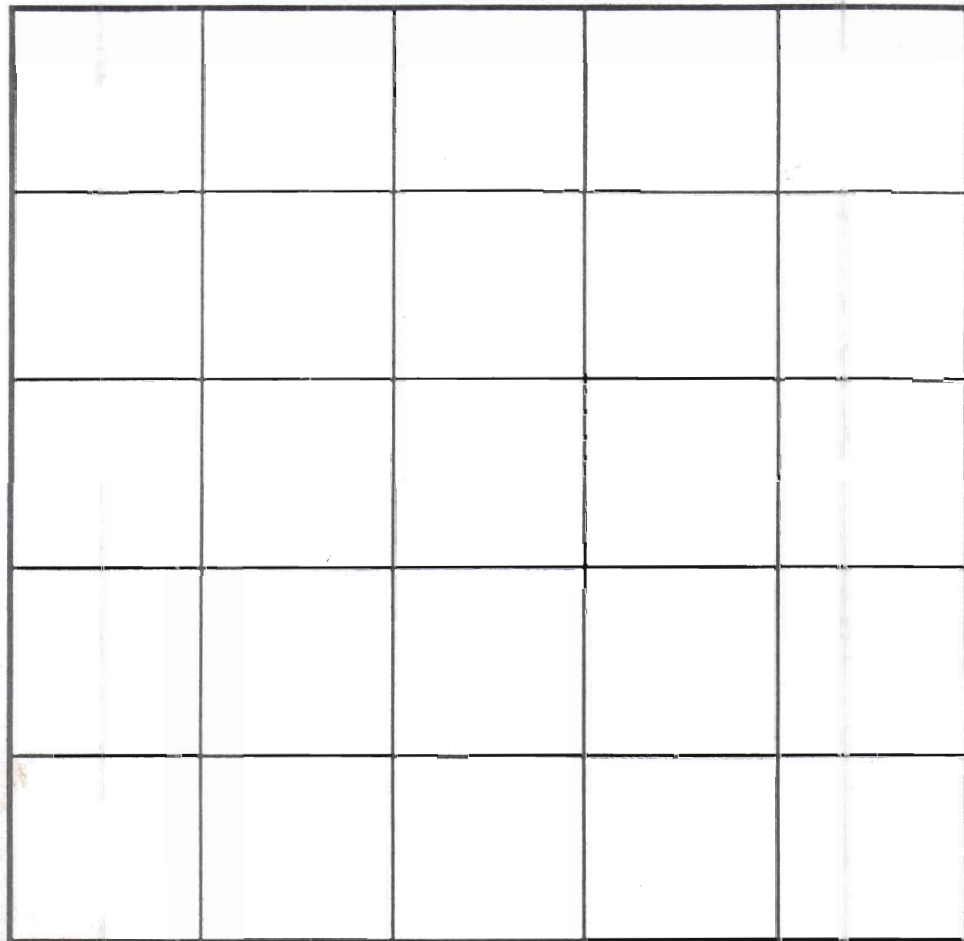
3'
 Or Br Sa
 Cl Loam

5.5'
 Light Br
 Si Loam
 ~15%
 Rock

9.5'
 Gray Green
 Si Loam
 10-15% Rock

12'
 Caving

13.5'
 Water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/15/02	E	11'V					F
	F	12.5'V					F
	G	3.5'/12.5'V	2:13:45	2:14:45	2:14:45	2:16:50	~2 OK
	H	14'V					
	I	11'V or Br Cl Loam to 3' Then Tan Sa Loam Pockets of ~25-30% Rock					

REMARKS System as shallow as possible due to fast

TYPE OF SOIL perc rates

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH: _____

INLET DEPTH 1.5' MAXIMUM BOTTOM DEPTH 3.0' SQ. FT./BED ROOM _____

Howard County Health Department

1/25/02

To: House to be moved
downhill. Easement to be
moved uphill. Surveyor/
Engineer needs to locate new
test holes, get topography -
especially around house site and
swale, locate well, submit new
plan. Low holes that were tested
in easement had rock/water.

From:

BB
Revised Perc Plat
Approved BB

Date:

HD-170

Perc Sanitation

I suggest More than two
perc Holes as shown. old Test
Hole #4 is under house and
Test hole #5 is >125 ft from other
and No Test Holes in any upper
portion

for
1/25/02 ↓

SUBDIVISION: MEADOWOOD

LOT NUMBER: 39

Sec. 2
Phase 2

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 7 feet below original grade.

Effective area begins at 3 feet below original grade.

4 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 250 FEET FROM THE FRONT LOT LINE AND 125 FEET FROM THE LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM CROWS FOOT RD. RUN TRENCHES ON CONTOUR TOWARD THE REAR OF LOT. 7.17-89

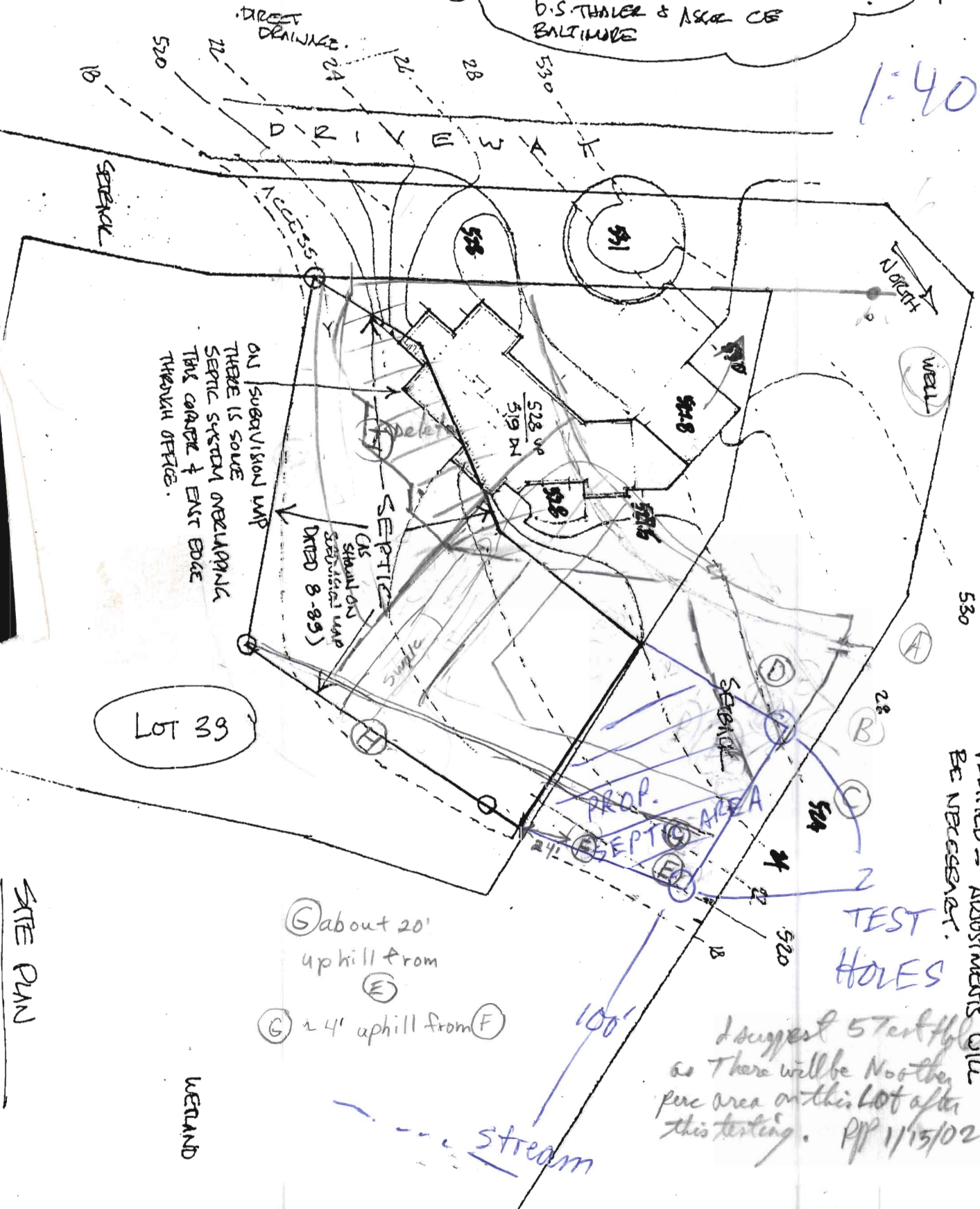
MAP 40
PARCEL 139

DATE: 8-89
DP&Z FILE: F-89-80

MEADOWOOD
SECTION TWO AREA TWO
LOTS 38-50
SHANABGER & LANE
ELICOTT CITY
D.S. THALER & ASSOC. C.E.
BALTIMORE

KENT BUILDING SERVICE
LLC
PH 410-880-1955
FAX 410-880-1955
CELL 410-215-4035
CONTACT: KENT YUENGLING

1:40



ON SUBDIVISION MAP
THERE IS SOME
SEPTIC SYSTEM OVERLAP
THIS CAN BE & EAST EDGE
THROUGH OFFICE.

LOT 39

SITE PLAN

WETLAND

CONTOURS FROM ORIGINAL
SUBDIVISION SURVEY, TO BE
VERIFIED - ADJUSTMENTS WILL
BE NECESSARY.

I suggest 5 test holes
so there will be no other
prop area on this lot after
this testing. P/P 11/15/02

(G) about 20'
uphill from
(E)
(G) 24' uphill from (F)

stream