

# APPLICATION

PERCOLATION TESTING

A 37995

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 3rd

DATE Oct. 20, 1986

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Willard and Quinnie Mathis - Barnard Bros. Const. Co. Inc.  
12392-A Frederick Rd.  
ADDRESS West Friendship, Md. 21794 PHONE 489-4024

PROSPECTIVE BUYER Garry M. Barnard Et. Al  
ADDRESS 1035 St. Michael Rd., Mt. Airy, Md. 21771 PHONE 489-7621

PROPERTY LOCATION:

SUBDIVISION Mathis Property Sec. II LOT NO. 19  
12455  
ROAD AND DESCRIPTION At the end of Barnard Way

TAX MAP 15 PARCEL # 15

SIZE OF LOT 3.20 Ac TYPE BLDG. SFD  
(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.

Garry M. Barnard  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

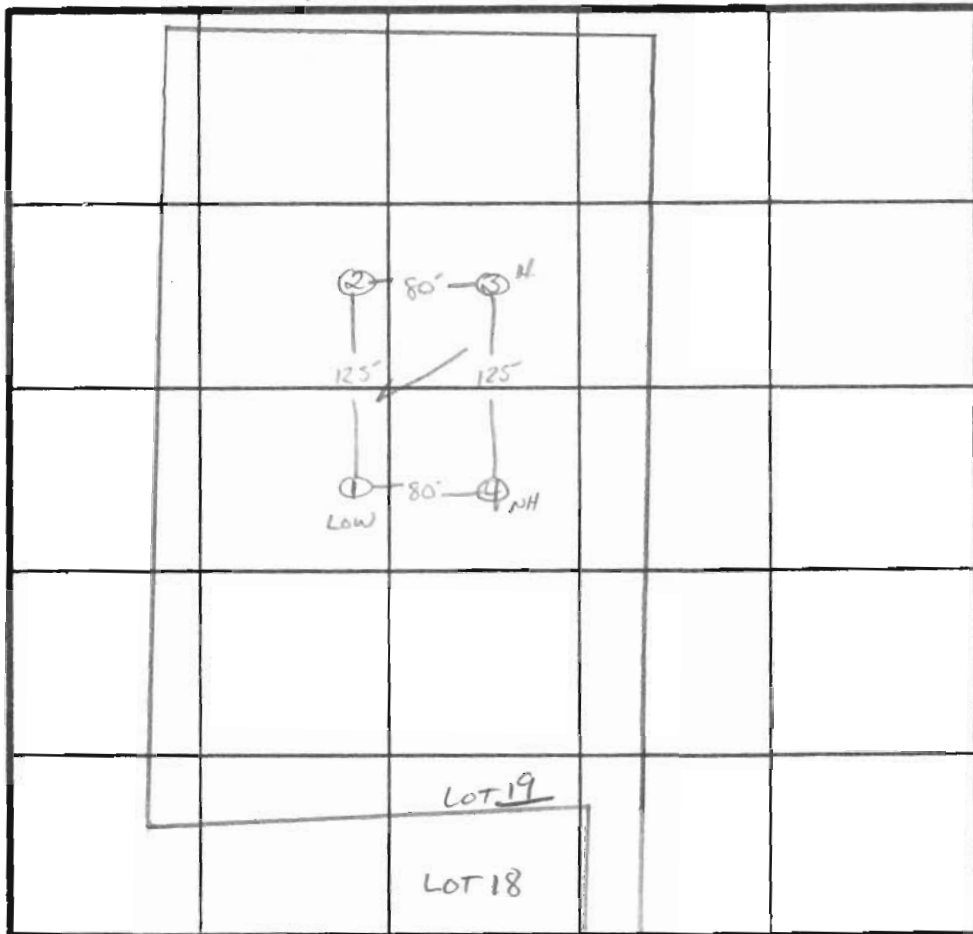
REASONS FOR REJECTION OR HOLDING 11/19/86 PERC SATISFACTORY, HOLD FOR Subdivision Plat; Shallow System only. S. Appl

BMOG, PERMIT SIGNED  
AND RETURNED 8/31/89  
Serial # 28944  
SFD - 4 Bedrooms

# THIS IS NOT A PERMIT

A 37995

↑ TO R6144



̄ Perc  
3min  
180 # 1BR  
INLET 3/5 3'  
BOTTOM S/O 6'  
ew.

① SOIL PROFILE

0'  
24"  
36"  
AP  
Yellow BR  
Silt Loam  
9-12% CLAY  
10-15% FRAGMENTS  
5'  
Strong Brown  
Silt Loam  
15-20% FRAGMENTS  
16'  
②  
DRY TO 16'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO BARNARD WAY + R+70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/19/86	1 S	6"	11:09	11:11	11:11	11:13	2 MIN
	1 V	16"	uniform soil below 5"				
	2 S	5"	11:28	11:29	11:29	11:30	1 MIN
	2 V	13"	uniform soil below 4"				
	3 S	3"	11:35	11:38	11:38	11:41	3 MIN
	3 M	9"	11:38	11:40	11:40	11:43	3 MIN
	3 V	12"	uniform soil below 3" (CH Lam)				
	4 V	13"	same as hole # 3'				

0'  
18"  
3'  
AP  
Yellow BR TO  
Strong BR  
Silt Loam  
9-12% CLAY  
10% FRAGS  
13'  
Strong Brown  
Silt Loam  
10% FRAGMENTS  
highly micaceous  
③

12"  
30"  
AP  
Yellow BR Silt  
Loam 9-12%  
CLAY 10-15%  
FRAGS  
Yellow OC TO  
Strong BR  
silt SAND  
Loam  
EH-12-10-79  
10-10% FRAGS  
12"  
13"  
④

REMARKS Holes Per Plat / Shallow Syst only  
 TYPE OF SOIL Ch Pass ~~CL~~ Glandg  
 TESTED BY S. Abel ALSO PRESENT Bernard Bunker Dave Hopkins

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.  
COUNTY HEALTH OFFICER



Bureau of Environmental Health  
3525 Ellicott Mills Drive  
Ellicott City, Maryland 21043

Director - 461-9956  
Water & Sewerage, Permits - 461-9933  
Community Environmental Health - 461-9944  
Technical Services - 461-9955

TO: VAN MAR ASSOCIATES  
310 SOUTH MAIN STREET  
MOUNT AIRY MARYLAND 21771

DATE: 15 AUG 89

FROM: MATHIS PROPERTY 12455 BARNARD WAY  
LOT 19

This office has received your building permit # 28344.  
We are unable to approve your permit for the following reason(s):

No septic elevations/site plans provided (example and septic specification enclosed).

Incorrect septic specs. (See enclosure.) LOCATION OF TRENCH

No invert elevation at \_\_\_\_\_.

No existing grade at \_\_\_\_\_.

No elevation at well.

Invert at trench(s) incorrect. (See enclosed.)

House too small.

House to \_\_\_\_\_ less than \_\_\_\_\_ feet.

Well to \_\_\_\_\_ less than \_\_\_\_\_ feet.

Sewage easement location incorrect.

No well on property.

Other: WRITE "TRENCH LENGTH TO BE DETERMINED

AT TIME OF SEPTIC PERMIT ISSUANCE  
TRENCH LENGTH SHOWN IS SHORT FOR 4 BEDROOMS

If you should have any question, please call RAYMOND HODGES  
or \_\_\_\_\_ at 461-9933.

8/21/89 Location of trench still  
wrong or perused plans  
Engineer will send corrected version

A 37995

SUBDIVISION: MATHIS PROPERTY  
BARNARD WAY

LOT NUMBER: 19

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%.

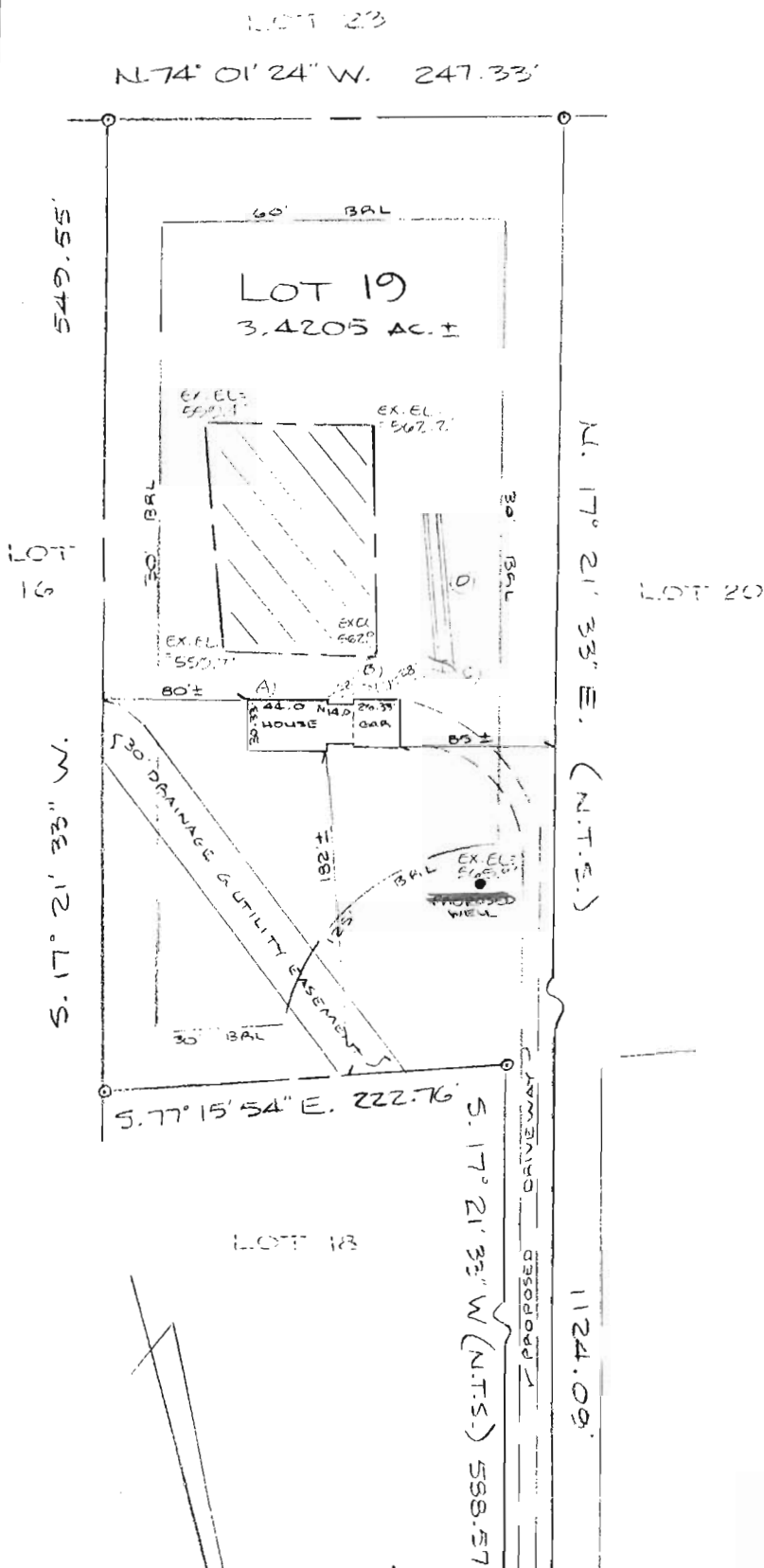
LOCATION: START THE FIRST TRENCH <sup>240</sup> From  
THE SHORT (223') LOT LINE AND 60' FROM THE LONG (1120')  
LOT LINE. RUN TRENCHES ALONG CONTOUR TOWARD  
BACK OF PROPERTY.

\* FUTURE REPAIRS TO BE SHALICH

\* LOCATION IS 40' HIGHER THAN PLATTED SEPTIC AREA.

PLAT OF RECORD NOTES

THERE IS A 10' WIDE REVERTABLE  
SLOPE EASEMENT ALONG ALL  
ROAD FRONTAGE LOT LINES.



- A) Prop. House  
F.F. Elev. = 564.5'  
Bsmt. Elev. = 556.0'  
Inv. Out = 562.0'
- B) Prop. Septic Tank  
Ex. Elev. = 562.5'  
Inv. In = 561.5'  
Inv. Out = 561.5'
- C) Prop. Dist. Box  
Ex. Elev. = 561.5'  
Inv. Elev. = 561.5'
- D) Prop. Trenches  
Inv. Elev. = 561.5'  
Bottom max. = 7'  
4' of stone  
LENGTH \*

8/31/89  
PLAN OK R14

PLOT PLAN  
LOT 19, SECTION II  
MATHIS PROPERTY  
12455 BARNARD WAY  
THIRD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
Scale: 1" = 100' Date: June, 1989

- \* TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT RELIANCE.
- \* REVISED 8/24/89: SEPTIC SYSTEM & SEEPS.
- \* REVISED 8/17/89: TRENCH NOTE.



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT # 7868	251-377



**VANMAR ASSOCIATES INC.**  
Engineers • Surveyors • Planners  
310 South Main Street, Mount Airy, Maryland 21771  
(301) 829-2890 (301) 831-5015

28344