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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

July 7, 1994

Mr. Leonard Fischer  
6164 Rockburn Hill Road  
Elkridge, Maryland 21227

RE: Percolation Test Results  
Application Nos. 49867A - D  
Proposed Use: Subdivision  
Property ID: Fischer Minor Subdivision  
Rockburn Hill Road  
Tax Map: 32 Parcel: 1

Dear Mr. Fischer:

Percolation testing conducted May 16 through 17, 1994 on the above referenced property indicated limited satisfactory site conditions. Soil limitations were shallow depth to fractured rock and excessively fast or excessively slow percolation rates. Site limitations were close proximity to topographically unsuitable features such as slopes in excess of 25% and drainage swales. Other test locations were satisfactory. Copies of the percolation test results have been forwarded to the engineer.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100 feet of property boundaries have been shown.

This should be submitted within sixty (60) days to allow field verification if necessary. As the proposal is for subdivision, a Groundwater Appropriations Permit must be approved prior to any plat approvals.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,

Ronald J. Pinkley, R. S.  
Water and Sewerage Program

RJP:jr

cc: Marks and Vogel Associates, Inc.  
File

Howard County Health Department

To: CW.

Fischer Property  
Rockburn Hill Rd  
Pine Crest Plat

Plan seems OK, except for well (to be abandoned & sealed) on adjacent property near lot 4 - How do we enforce that requirement on a Third Party?

From: hrl

Date: 9/9/94

HD-170



MARKS & VOGEL ASSOCIATES, INC.  
ENGINEERS • SURVEYORS • PLANNERS

796-6466

W 531-5300

7217

TO: LAUREL COUNTY HEALTH DEPT.  
CRAIG WILLIAMS,

3/17/94

FROM: ROB VOGEL

RE: FISCHER MUD SUBDIVISION.

FOR OUR MEETING/DISCUSSION WE HAVE REVISED  
THE LOCATION OF SOME OF THE PROPOSED PERC.  
TESTS.

TESTING CONFIRMED FOR 10:00 AM APRIL 8, 1994.



MARKS & VOGEL ASSOCIATES, INC.  
ENGINEERS • SURVEYORS • PLANNERS

November 11, 1994

Howard County Department of Environmental Health  
3525 Ellicott Mills Drive  
Suite H  
Ellicott City, Maryland 21043

Re: Fischer Property  
Percolation Plat  
A 49887A-D

Attention: Craig Williams, R.S.  
Water and Sewerage Program

Dear Mr. Williams,

In accordance with our meeting, we modified the perc plat to move the division line between lots 3 and 4 in order to relocate the proposed well for lot 4. As you directed we are submitting the attached percolation certification plat (2 copies and one original) for signatures. Please contact this office when the original is signed and we will pick it up.

Should you have any additional questions concerning this matter, please don't hesitate to contact this office.

Sincerely,

MARKS & VOGEL ASSOCIATES, INC.

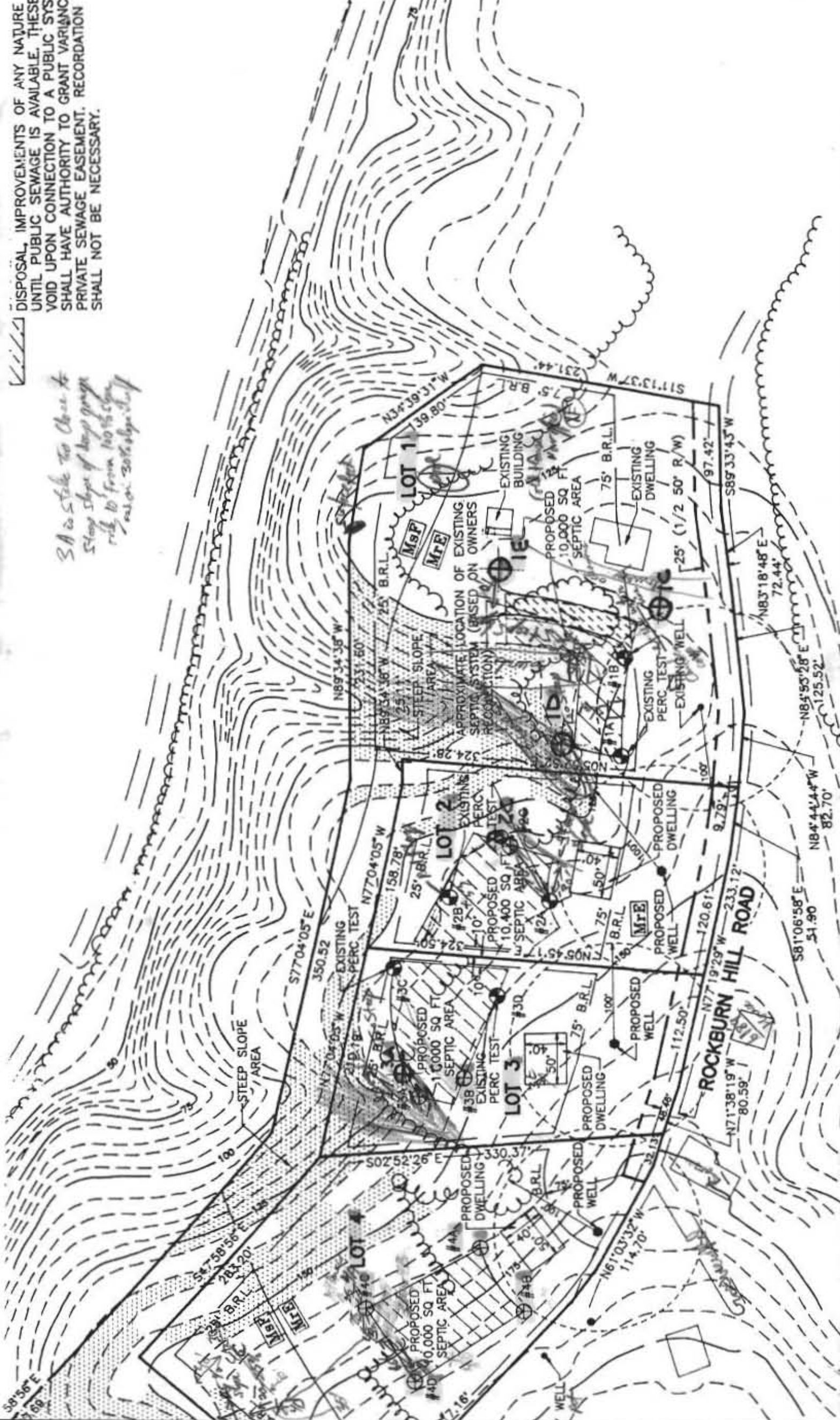
Robert H. Vogel, P.E.

RHV:ksk  
93-02

cc: Leonard Fischer

DISPOSAL, IMPROVEMENTS OF ANY NATURE UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE VOID UPON CONNECTION TO A PUBLIC SYS SHALL HAVE AUTHORITY TO GRANT VARIANC PRIVATE SEWAGE EASEMENT. RECORDATION SHALL NOT BE NECESSARY.

*3A is stake too close to  
steep slope of deep gully  
rule 10 from 100% slope  
on on 20% slope*





MARKS & VOGEL ASSOCIATES, INC.  
ENGINEERS • SURVEYORS • PLANNERS

August 16, 1994

Howard County Department of Environmental Health  
3525 Ellicott Mills Drive  
Suite H  
Ellicott City, Maryland 21043

Re: Fischer Property  
Percolation Plat  
A 49887A-D

Attention: Ronald J. Pinkley, R.S.  
Water and Sewerage Program

Dear Mr. Pinkley,

In accordance with your letter dated July 7, 1994 and our subsequent meeting we are submitting the attached percolation certification plat (2 copies) showing all excavated test holes and suitable house and well sites. All wells and septic areas within 100 feet of the property have been shown in accordance with field evidence, Health Department records and owner's recollection.

Should you have any additional questions concerning this matter, please don't hesitate to contact this office.

Sincerely,

MARKS & VOGEL ASSOCIATES, INC.

Robert H. Vogel, P.E.

RHV:ksk  
93-02

cc: Leonard Fischer

# APPLICATION

PERCOLATION TESTING

A 49887C

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/6/94

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 LEONARD FISCHER

ADDRESS GIGA ROCKBURY HILL ROAD PHONE (410) 796-2817  
ELBRIDGE MD 21227

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION FISCHER MINDX SUBDIVISION LOT NO. 4

ROAD AND DESCRIPTION ROCKBURY HILL ROAD

TAX MAP 32 PARCEL # 1

SIZE OF LOT 2.4+/- AC TYPE BLDG. SINGLE FAMILY DWELLING  
(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. \_\_\_\_\_

(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 \_\_\_\_\_

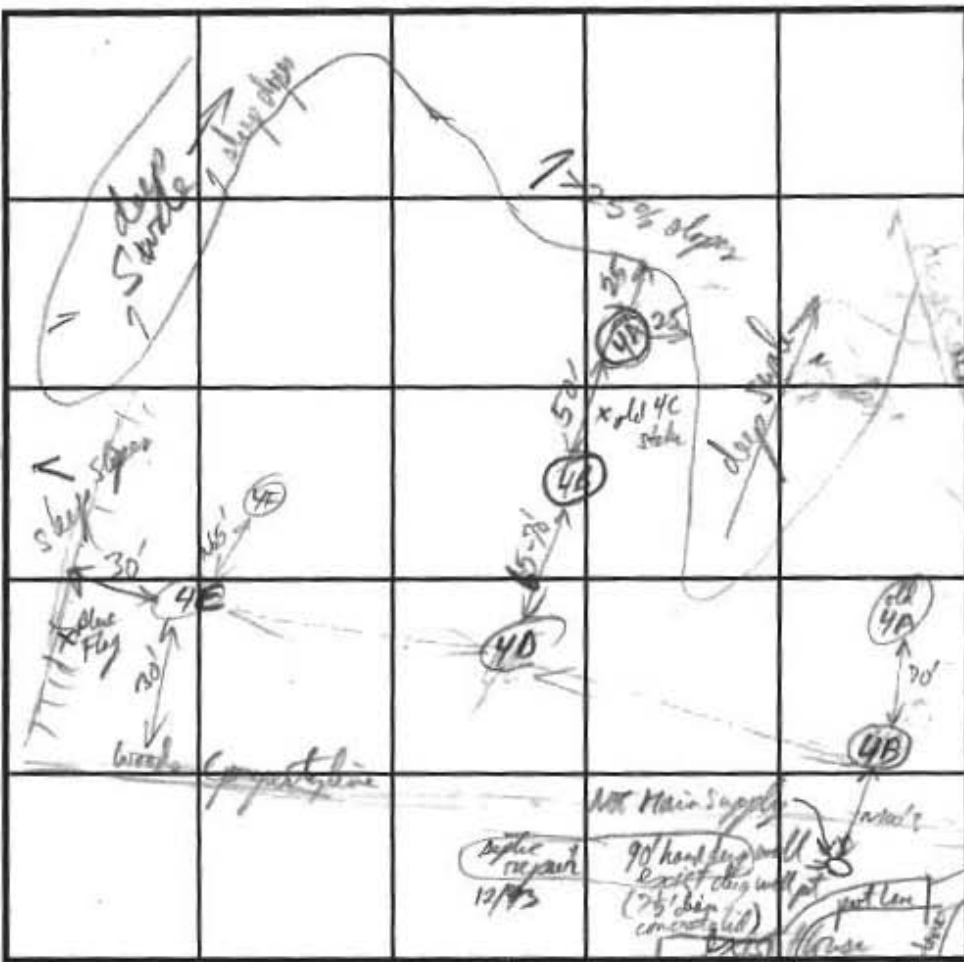
# THIS IS NOT A PERMIT

SOIL PROFILE

0' near 4A  
 mix Reddish  
 + dark grey  
 SICL-hL  
 2' dark grey  
 + grey blue  
 / SL  
 5 3/4' 70% sand  
 granitic  
 + 5% silt  
 + 25% gravel  
 / SL  
 10' Apical

near 4B  
 4-4 1/2' mix orange  
 + dark blue  
 SICL-SL  
 dark blue  
 grey SL-L  
 (No Mica)  
 5' 100% silt  
 7-10' 25% sand  
 10' >50% silt  
 11' granite

old 4D  
 3' mix layers  
 blue grey SL  
 and orange  
 SL-S  
 blue grey  
 SIL-S  
 grey blue  
 P/L-SL  
 11' 15-20%  
 sand silt  
 granitic



SOIL PROFILE

0' old 4H  
 mix orange  
 HL to  
 grey gran  
 L-hL  
 5' 100% sand  
 + grey green  
 SL  
 7' Blue grey  
 - grey green  
 + orange  
 cream face  
 str granitic  
 >50%  
 co SL  
 remainder

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/94	<u>near 4A</u> 4A	v10'	Too rocky	below 1'			<u>Fail</u>
	<u>near 4B</u> 4B	4 1/2'	2:59:13	No Movement	3:14:14	3:14:14	<u>100% Fail</u>
		8 1/2'	2:59:42	2:55:47	2:55:55		<u>85% Fail</u>
	<u>old 4D</u>	4'	3:28:40	3:31:10	3:31:10	3:35:00	4 min
		v11' 7'	3:05:00	3:39:00	3:39:00	3:56:00	17 min
5/17/94	<u>old 4A</u>	v11' 4 1/2'	11:39:30	11:46:00	11:46:00	12:00:00	14 min
		v11' 9 1/2'	1:11:35	1:21:45	1:21:45	1:42:00	21 min
	<u>old 4B</u>	v11 1/2' 4 1/2'	11:57:20	12:27:00	12:27:00	pull not	Too slow
	<u>4E</u>	v11 1/2' 5 1/2'	12:14:00	12:35:00	12:35:00	1:05:00	30 min
	<u>4F</u>	v11 5'	12:37:30	12:39:20	12:39:20	12:55:00	16 min
	<u>old 4B</u>	5 1/2'	1:18:00	1:23:00	1:23:00	1:35:00	12 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Brandywine / Chester - Monaca  
 TESTED BY APC ALSO PRESENT Time's  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

old 4F same as 4D

# APPLICATION

PERCOLATION TESTING

A 49887C

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/6/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER LEONARD FISCHER

ADDRESS GIGA ROCKBURN HILL ROAD PHONE (410) 796-2817  
ELBRIDGE MD 21227

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION FISCHER MIND SUBDIVISION LOT NO. 4

ROAD AND DESCRIPTION ROCKBURN HILL ROAD

TAX MAP 32 PARCEL # 1

SIZE OF LOT 24'-1" DC TYPE BLDG. SINGLE FAMILY DWELLING  
(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.

(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



687 49887  
COUNTY #

SOIL PROFILE

(IE)

0' Orange SL  
Red Brn SL streaks  
2 1/2 - 3' Blue gray SL  
25% st+ spalls (gneiss) at bottom  
8' Layer

IF

6" Black top  
Red Brn - Red hL  
2 1/2 - 3' Red Brn - yellow micaceous loam  
5 1/2' pale yellow Tan SL  
massive loess  
11 1/2' st+ spalls  
bedded thin

(IC)

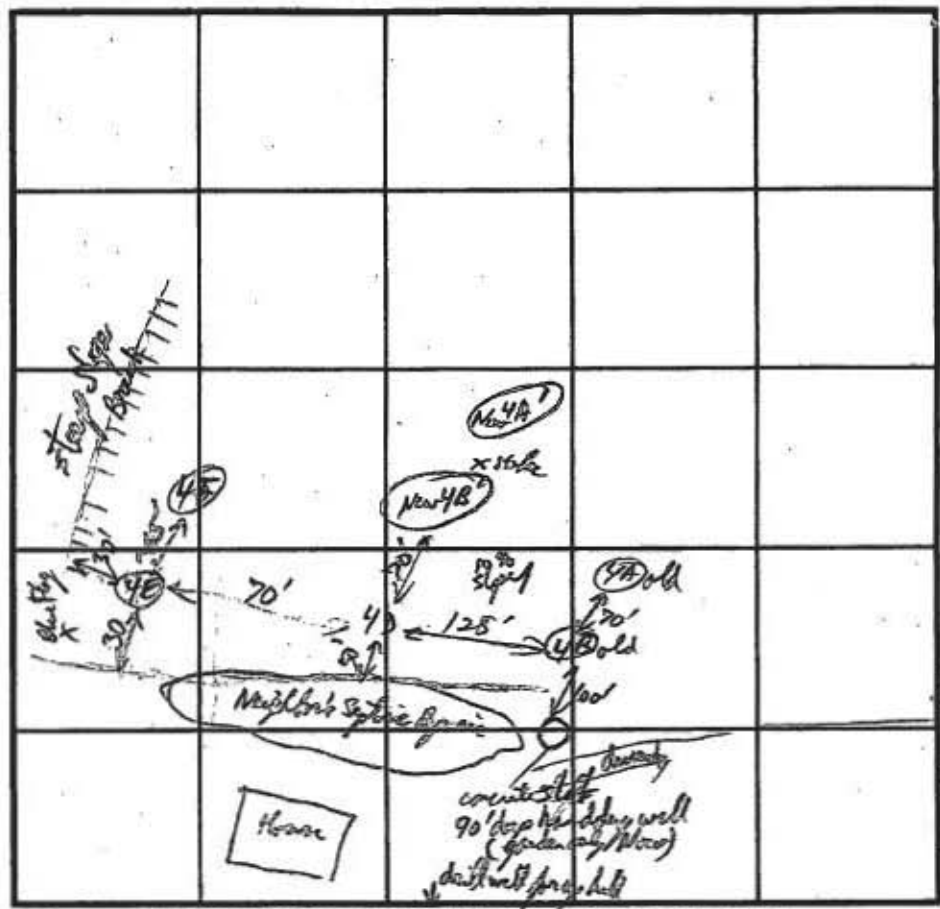
6" Black Sil  
Yellow Brn SICL  
m-f 2 s.k.  
6' Blue gray SL  
25% st+ spalls  
hard, brittle

SOIL PROFILE

all 4B

0' st+ Brn - yellow SICL  
2 1/2 - 3' mix Blue gray + Red Brn micaceous SL  
2' Gray Brn SL (gneiss) 20% spalls  
12'

16 1/2' 4E  
Neutral Brn (2.5Y4/6) + Red Brn mix SICL-SiCL  
3' Blue-gray SL  
5' Blue gray SL  
25% small st+ spalls  
11 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

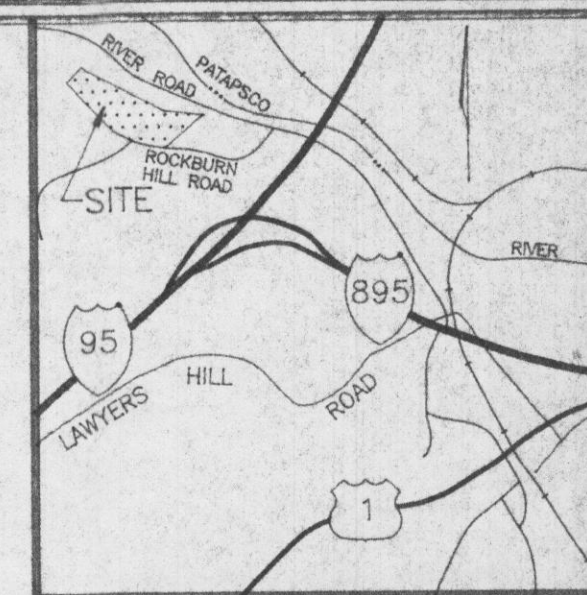
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/17/94	(IE) v81	8'	10:30:32	10:35:00	4 1/2 min	10:57:00	steep slope angle	
	IF	5'	10:48:50	10:57:00	10:57:00	11:10:00	13 min	
		11 1/2'	OK below 3'					OK
	(IC) v92		Visual only. (note hole exist in well water line)					(Fail)
			R. probable U.S. slope to 6 ft, then 700 feet					

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Clayton/Mason  
 TESTED BY R. Kelly ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

aka 4F



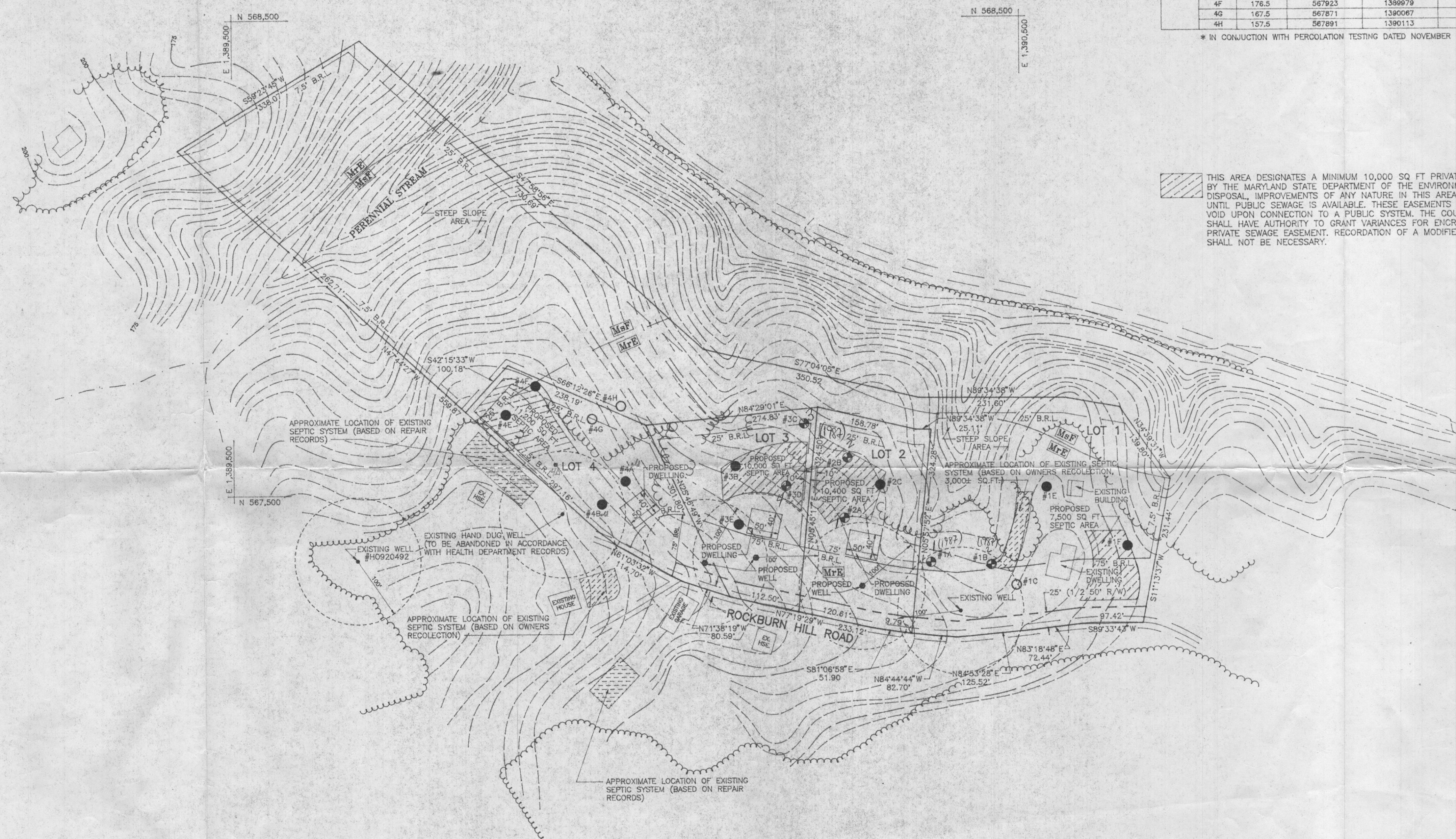
MD. STATE GRID MERIDIAN



VICINITY MAP  
SCALE: 1"=2000'

PERCOLATION TABLE						
LOT #	PERC #	EX. ELEV.	NORTH	EAST	RESULTS	APPLICATION #
1	1A	128.5	567640	1390604	PASS #	A 40285
	1B	124.5	567635	1390700	PASS #	A 40285
	1C	134.0	567703	1390739	FAIL #	A 40285
	1E	131.0	567757	1390789	PASS #	A 40285
2	2A	139.0	567710	1390488	PASS #	A 40285
	2B	132.0	567806	1390473	PASS #	A 40871
	2C	130.5	567763	1390525	PASS	A 49887A
	3B	146.5	567794	1390294	PASS	A 49887B
4	3C	130.5	567860	1390404	PASS	A 40871
	3D	144.0	567782	1390375	PASS	A 40871
	3E	166.5	567701	1390299	PASS	A 49887B
	4A	169.0	567771	1390120	PASS	A 49887C
	4B	182.0	567735	1390083	PASS	A 49887C
	4E	187.0	567877	1389931	PASS	A 49887C
	4F	176.5	567923	1389979	PASS	A 49887C
	4G	167.5	567871	1390067	FAIL	A 49887C
4H	157.5	567891	1390113	FAIL	A 49887C	

\* IN CONJUNCTION WITH PERCOLATION TESTING DATED NOVEMBER 23, 1983.



THIS AREA DESIGNATES A MINIMUM 10,000 SQ. FT. PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

NOTES:

- ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED.
- PERCOLATION TESTING CONDUCTED 5/16/94 THROUGH 5/17/94.
- ALL FIELD ACCESSIBLE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN LOCATED AND SHOWN ON THIS PLAN. DUE TO THE AGE OF THE SURROUNDING PROPERTIES THERE ARE NO PRIVATE SEWAGE EASEMENTS ON FILE.
- THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

LEGEND

- 485 EXISTING CONTOUR
- EXISTING TREES
- AREA OF STEEP SLOPES (25% OR GREATER)
- EXISTING WELL TO REMAIN
- PROPOSED WELL
- PREVIOUS PASSING PERCOLATION TEST LOCATION \*
- FAILED PERCOLATION TEST LOCATION
- PASSING PERCOLATION TEST LOCATION

\* NOTES: REFERENCE HOWARD COUNTY HEALTH DEPARTMENT LETTER DATED NOVEMBER 23, 1987.

OWNER/DEVELOPER  
LEONARD FISCHER  
6164 ROCKBURN HILL ROAD  
ELKBRIDGE, MARYLAND 21227

*Howe M. Boydall* 12/2/94  
APPROVED: FOR PRIVATE WELL AND SEPTIC SYSTEM DATE  
HOWARD COUNTY HEALTH OFFICER

Signed PERCOLATION PLAT  
FISCHER MINOR SUBDIVISION  
LOTS 1-4

TAX MAP 32 PARCEL 1  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

**MARKS & VOGEL ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101 TELEPHONE: (410) 461-5828  
ELLCOTT CITY, MARYLAND 21043 FAX: (410) 465-3968

DESIGN BY: R.H.V.  
DRAWN BY: D.G.H.  
CHECKED BY: R.H.V.  
DATE: FEBRUARY, 1994  
SCALE: 1"=100'  
W.O. NO.: 93-02

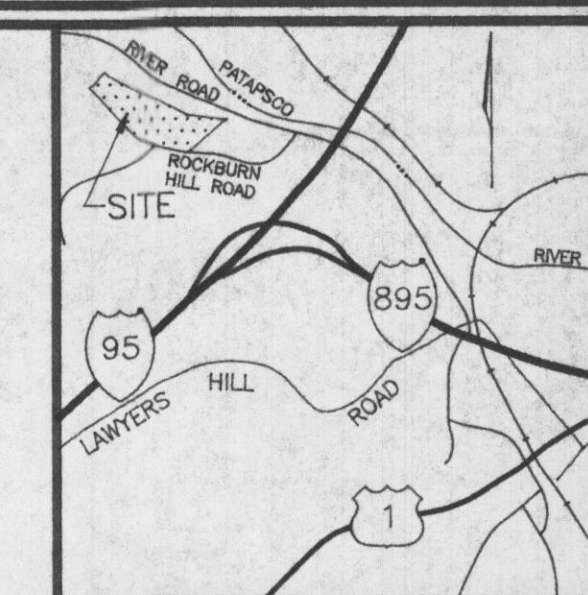
1 SHEET OF 1

MD. STATE GRID MERIDIAN

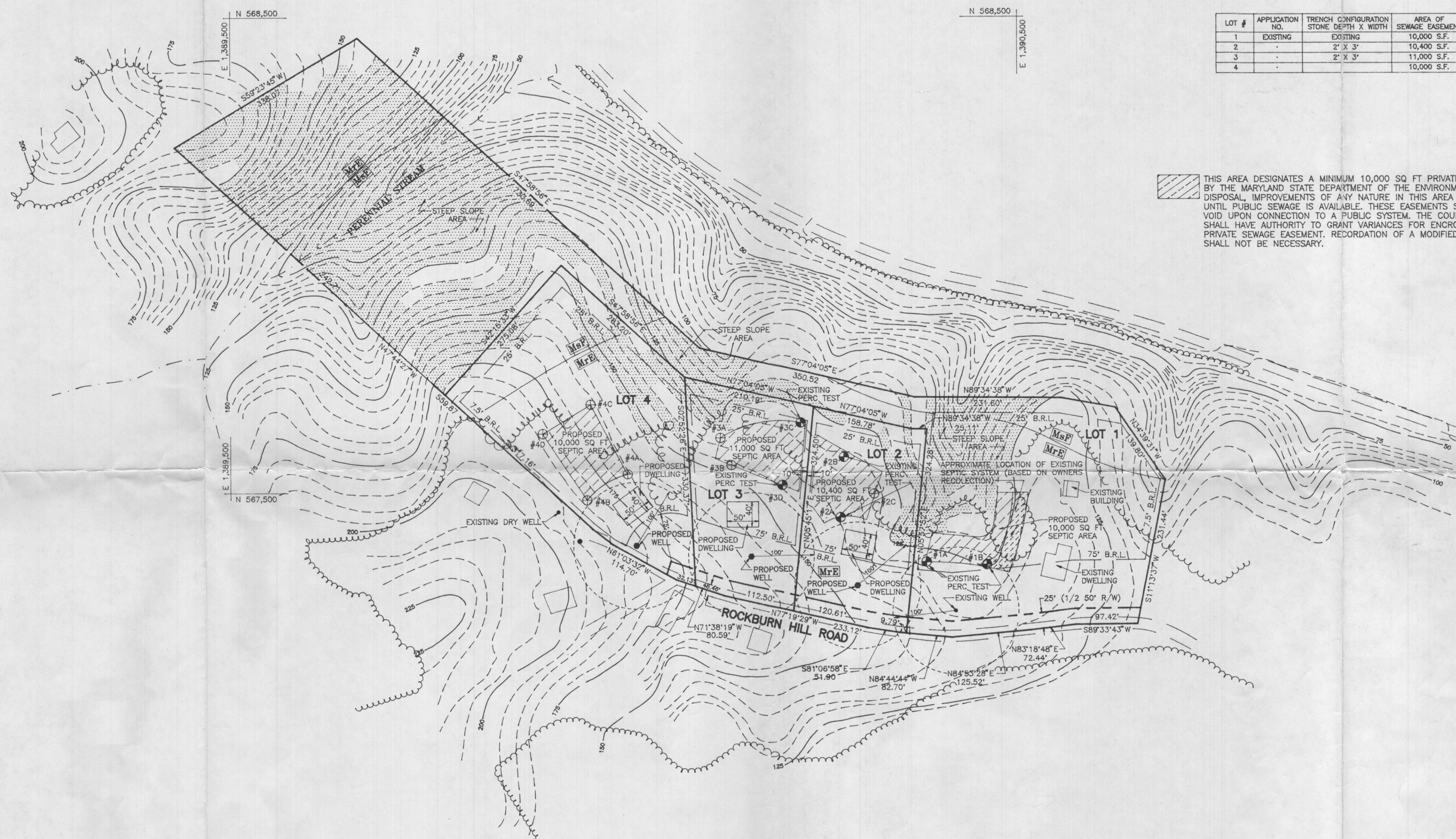
PERCOLATION TABLE					
LOT #	PERC #	EX. ELEV.	NORTH	EAST	RESULTS
1	1A	128.5	567640	1390604	PASS*
	1B	124.5	567635	1390700	PASS*
2	2A	139.0	567710	1390468	PASS*
	2B	132.0	567806	1390473	PASS*
	2C	132.0	567748	1390522	-
3	3A	137.5	567837	1390277	-
	3B	146.5	567794	1390284	-
	3C	130.5	567860	1390404	-
	3D	144.0	567762	1390375	-
4	4A	166.0	567780	1390130	-
	4B	163.5	567739	1390068	-
	4C	166.5	567890	1390071	-
	4D	183.0	567844	1389996	-

\* IN CONJUNCTION WITH PERCOLATION TESTING DATED NOVEMBER 23, 1983.

LOT #	APPLICATION NO.	TRENCH CONFIGURATION	AREA OF SEWAGE EASEMENT
1	EXISTING	EXISTING	10,000 S.F.
2	-	2' X 3'	10,400 S.F.
3	-	2' X 3'	11,000 S.F.
4	-	-	10,000 S.F.



VICINITY MAP  
SCALE: 1"=2000'



THIS AREA DESIGNATES A MINIMUM 10,000 SQ FT PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

NOTES:

1. ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED.
2. PERCOLATION TESTING CONDUCTED THROUGH 1994.
3. ALL FIELD ACCESSIBLE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN LOCATED AND SHOWN ON THIS PLAN. DUE TO THE AGE OF THE SURROUNDING PROPERTIES THERE ARE NO PRIVATE SEWAGE EASEMENTS ON FILE.
4. THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

*initials submitted  
1/2/94*

LEGEND

- 485 EXISTING CONTOUR
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- EXISTING WELL TO REMAIN
- PROPOSED WELL
- PREVIOUS PASSING PERCOLATION TEST LOCATION\*
- PROPOSED PERCOLATION TEST LOCATION
- FAILED PERCOLATION TEST LOCATION
- PASSING PERCOLATION TEST LOCATION

\*NOTE: REFERENCE HOWARD COUNTY HEALTH DEPARTMENT LETTER DATED NOVEMBER 25, 1987.

APPROVED: FOR PRIVATE WELL AND SEPTIC SYSTEM DATE  
HOWARD COUNTY HEALTH OFFICER

OWNER/DEVELOPER  
LEONARD FISCHER  
6164 ROCKBURN HILL ROAD  
ELKRIDGE, MARYLAND 21227

**PERCOLATION PLAT**  
**FISCHER MINOR SUBDIVISION**  
**LOTS 1-4**

TAX MAP 32 PARCEL 1  
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

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ENGINEERS - SURVEYORS - PLANNERS

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TELEPHONE: (410) 461-5828 FAX: (410) 465-3966

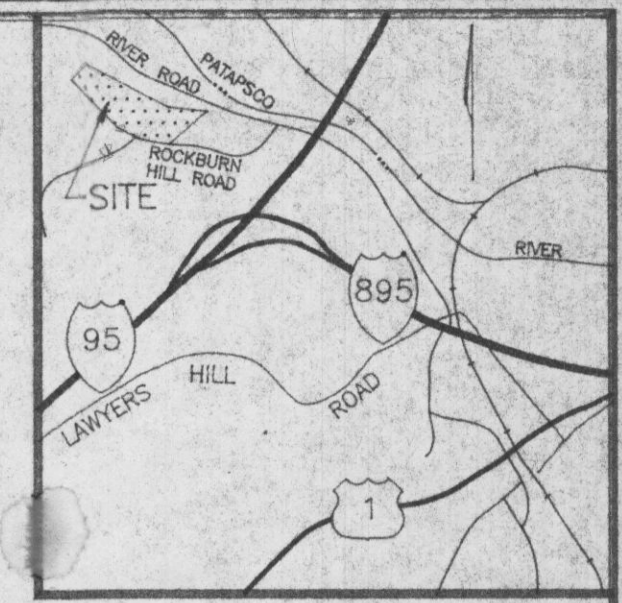
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1 SHEET OF 1

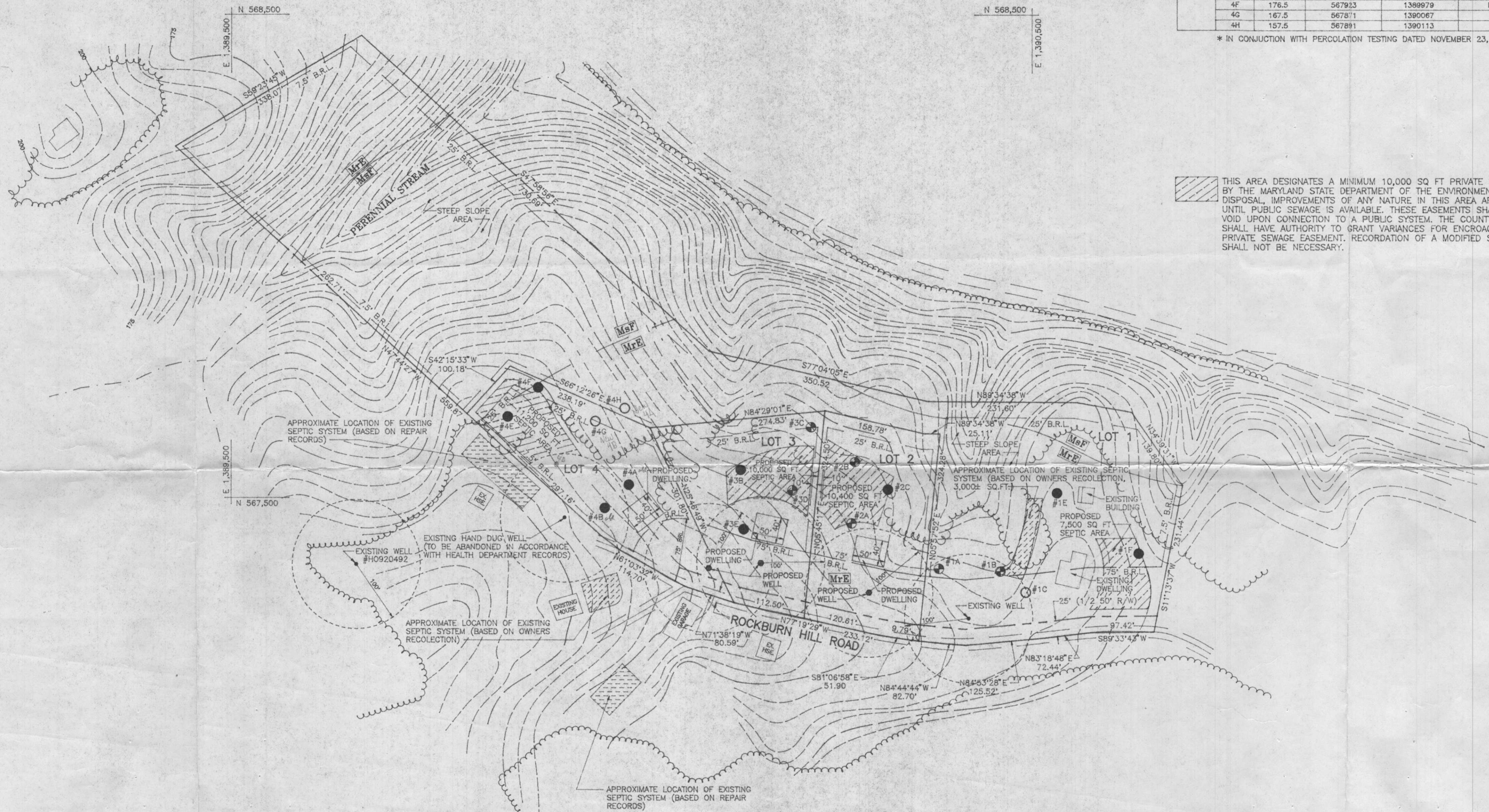
MD. STATE GRID MERIDIAN

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3	2C	130.5	567763	1390525	PASS	A 49887A
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	3C	130.5	567800	1390404	PASS	A 40871
	3D	144.0	567762	1390375	PASS	A 40871
4	3E	156.5	567701	1390299	PASS	A 49887B
	4A	169.0	567711	1390120	PASS	A 49887C
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\* IN CONJUNCTION WITH PERCOLATION TESTING DATED NOVEMBER 23, 1983.



VICINITY MAP  
SCALE: 1"=2000'



THIS AREA DESIGNATES A MINIMUM 10,000 SQ. FT. PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

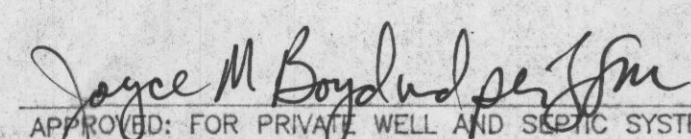
NOTES:

1. ALL PERCOLATION TESTS HAVE BEEN FIELD LOCATED.
2. PERCOLATION TESTING CONDUCTED 5/16/94 THROUGH 5/17/94.
3. ALL FIELD ACCESSIBLE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN LOCATED AND SHOWN ON THIS PLAN. DUE TO THE AGE OF THE SURROUNDING PROPERTIES THERE ARE NO PRIVATE SEWAGE EASEMENTS ON FILE.
4. THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

LEGEND

- 485 EXISTING CONTOUR
- EXISTING TREES
- AREA OF STEEP SLOPES (25% OR GREATER)
- EXISTING WELL TO REMAIN
- PROPOSED WELL
- PREVIOUS PASSING PERCOLATION TEST LOCATION\*
- FAILED PERCOLATION TEST LOCATION
- PASSING PERCOLATION TEST LOCATION

\* NOTE: REFERENCE HOWARD COUNTY HEALTH DEPARTMENT LETTER DATED NOVEMBER 25, 1987.

APPROVED: FOR PRIVATE WELL AND SEPTIC SYSTEM  
  
 DATE 12/2/94  
 HOWARD COUNTY HEALTH OFFICER

Signed PERCOLATION PLAT  
 FISCHER MINOR SUBDIVISION  
 LOTS 1-4  
 TAX MAP 32 PARCEL 1  
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

MARKS & VOGEL ASSOCIATES, INC.  
 ENGINEERS - SURVEYORS - PLANNERS

3691 PARK AVENUE, SUITE 101 TELEPHONE: (410) 461-5828  
 ELLICOTT CITY, MARYLAND 21043 FAX: (410) 465-3966

OWNER/DEVELOPER  
 LEONARD FISCHER  
 6164 ROCKBURN HILL ROAD  
 ELKBRIDGE, MARYLAND 21227

DESIGN BY: R.H.V.  
 DRAWN BY: D.G.H.  
 CHECKED BY: R.H.V.  
 DATE: FEBRUARY, 1994  
 SCALE: 1"=100'  
 W.O. NO.: 93-02

