

# APPLICATION

PERCOLATION TESTING

A 47481  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 9-16-91

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.

2/3-

PROPERTY OWNER Rona Randall

ADDRESS 1701 Little Brook Apt 11 PHONE \_\_\_\_\_  
Frederick MD 21702

PROSPECTIVE BUYER Mr. and Mrs. Thomas Jordan

ADDRESS 9902 Cervidae Lane Apt 204 PHONE 655-7964  
Randalstown, MD 21133

PROPERTY LOCATION:

SUBDIVISION Randall Property LOT NO. 3

ROAD AND DESCRIPTION Bushy Park Rd to Cemetery Road

Behind 14831 Cemetery Road

TAX MAP 14 PARCEL # 19

SIZE OF LOT 1 acre 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.

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

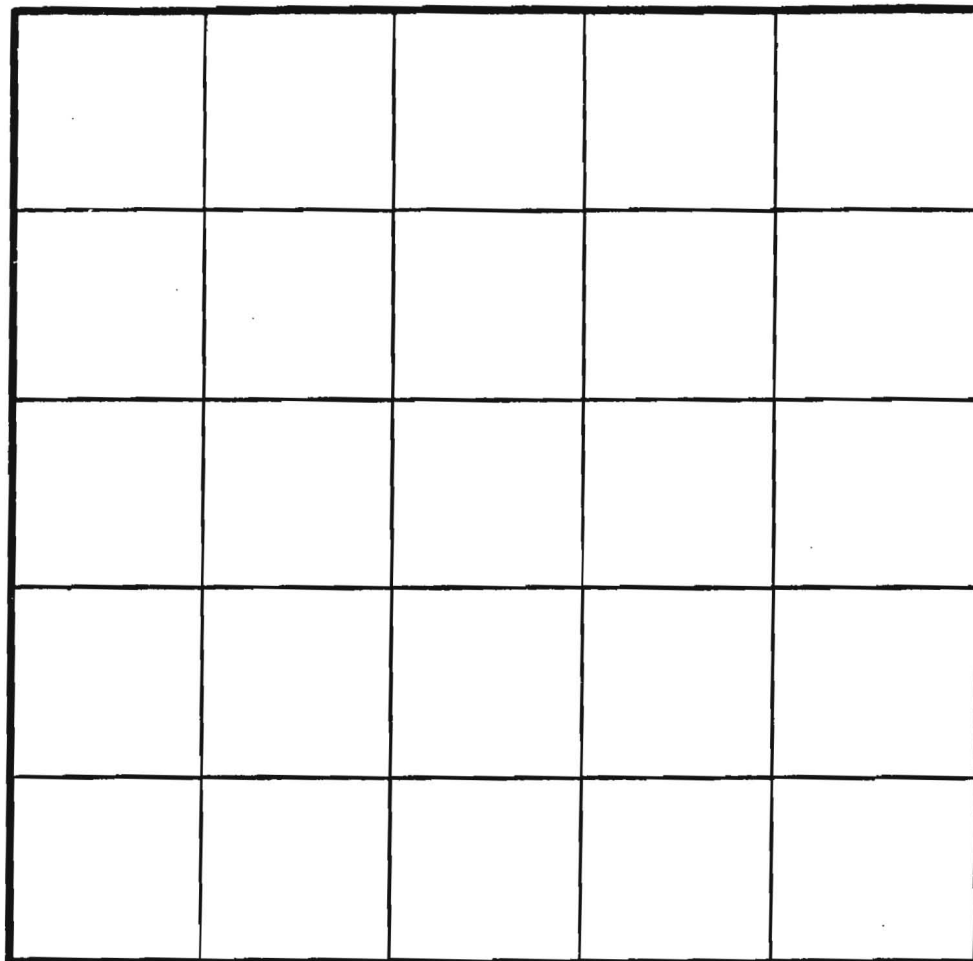
THIS IS NOT A PERMIT

A47481

(4)

## SOIL PROFILE

0-2.0 Br sil  
 2.0-12.5 Tan-red  
 s sil  
 some  
 broken  
 rock  
 < 20%,  
 some  
 gray  
 mottled  
 soils around  
 reject rock  
 matrix  
 at 4.5 ft  
 12.5 Refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(5)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

0-2.0 Red-brown  
 cl  
 2.0-7.0 Red-gray  
 s sil, mottled  
 at 4.0 ft  
 7.0-11.5 Brown, black  
 gray, mottled  
 s silty clay,  
 some  
 broken  
 rock  
 frags  
 < 25%  
 11.5 Refusal

REMARKS

less than 10,000 sq ft SDA, slow soils in #1 & 5  
 Approximately 100-120 ft to stream bed (dry)

TYPE OF SOIL

TESTED BY

J.E. Nadeau

ALSO PRESENT

N. Collins  
 Mrs. Jordan

# APPLICATION

PERCOLATION TESTING

A 47481

P \_\_\_\_\_

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

4-29-92  
wet season check  
for expansion of  
area. W/CW

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 Rona Randall

ADDRESS 1201 Little Brook, Apt. 11 PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Randall Property LOT NO 3

ROAD AND DESCRIPTION Cemetery Road

TAX MAP 14 PARCEL # 19 Grid 4

SIZE OF LOT 1 acre 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.

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 5-1-92 Recommend rejection. Insufficient

area for 3 systems. DENADEAN.

## THIS IS NOT A PERMIT

6  
SOIL PROFILE

⑦

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ADJOINING ROADWAY AS BASE LINE.  
# 14831 Cemetery Rd

To Road  
↓

[illegible]

REMARKS

REMARKS Unsuccessful in creating enough SDA for 1 system and 2 repairs.

TYPE OF SOIL

TESTED BY

SE. Nadeau

### ALSO PRESENT

Mr. Collins,  
B. Cracken, engineer

Howard County Health Department

①

To: JANE NADEAU

Please call

Mr. Charles CROCKEN of  
Charles Crocken, Associates  
@ 549-2708 up to 5:00  
or Buddy (son)

about Randall Property  
of Cemetery Lane.

Thanks

Perc certification drawing  
to come in.

From: BRYAN

Date: 4-14-92 4/14/92 1:45 P.M.

HD-170 Engineer stated no water was  
observed in spring house / stream bed. JEN



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## HOWARD COUNTY HEALTH DEPARTMENT

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

September 19, 1991

*Reply to:*

Mr. and Mrs. Thomas R. Jordan  
9902 Cervidae Lane, Apt. 204  
Randallstown, Maryland 21133

Re: PERCOLATION TEST RESULTS

Application #: A47481  
Proposed Use: Recorded Lot  
Property ID: Randall Property  
Cemetery Road

Dear Mr. and Mrs. Jordan,

Percolation testing conducted September 18, 1991 on the above referenced property indicated unsatisfactory soil conditions. Copies of the test results are enclosed.

Although several of the percolation test were successful, the majority of the test locations did not meet criteria for approval. Problems include shallow depth to bedrock, excessively fast percolation times and evidence of high water table. It would appear that less than 2,000 sq. ft. of area was established that could be approved for sewage disposal. This is insufficient area for this lot to be considered buildable.

Should you request this decision be reviewed, such 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.

Mr. and Mrs. Jordan  
Page 2  
September 19, 1991

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please contact me at the address listed below or by calling 461-9933.

Very truly yours,

*Jane E. Nadeau*

Jane E. Nadeau, Sanitarian  
Water and Sewerage Program

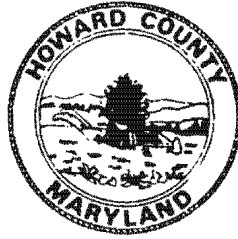
CW:cm

Enclosures

cc: Rona Randall  
Norman Collins

File

4/7/92 <sup>K</sup>ENGINEER INQUIRED.  
WILL PICK UP COPY OF LOTTERY & TEST NOTES,  
REPORTS DAY STAGAN OF 9/91  
15 CARRYING WATER NOW,  
C. William



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## HOWARD COUNTY HEALTH DEPARTMENT

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

May 6, 1992

*Reply to:*

Ms. Rona Randall  
1201 Little Brook, Apt. 11  
Frederick, Maryland 21702

RE: Percolation Test Results  
Application Number: A47481  
Proposed Use: Recorded Lot  
Property ID: Randall Property - Lot 3  
Cemetery Road  
Tax Map: 14 Parcel: 19

Dear Mr. Randall:

Percolation testing conducted May 1, 1992 on the above referenced property indicated limited satisfactory soil conditions. As stated in a previous letter dated April 24, 1992, a sewage disposal area large enough to accommodate an initial system, and two future repair systems will be required. It would appear that insufficient area has been established at this time. Copies of the test results are enclosed.

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. If it is determined that insufficient area has been established, an off lot sewage disposal easement could be explored for this property.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

*Jane E. Nadeau*

Jane Nadeau, R. S.  
Water and Sewerage Program

JN:jr

Enclosures

cc: Mr. Charles R. Crocken  
Mr. and Mrs. Thomas R. Jordan

File

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Bureau of Environmental Health  
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944  
Technical Services 461-9955 Director 461-9956 TDD 313-2323





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## HOWARD COUNTY HEALTH DEPARTMENT

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

Reply to:

April 24, 1992

Charles R. Crocken  
Crocken and Associates, Inc.  
P. O. Box 307  
Westminster, Maryland 21157

RE: Percolation Test Plat  
Randall Property  
Cemetery Lane

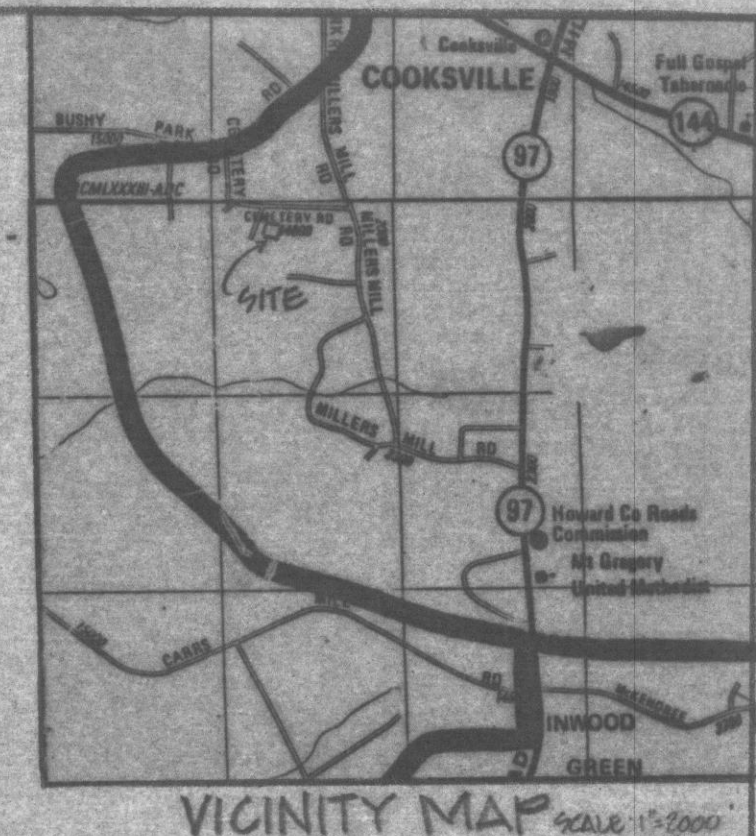
Dear Mr. Crocken:

This is to acknowledge receipt of the percolation test certification plan, accompanied by a request for continuation of wet season percolation testing, for the above referenced property. Regrettably, the request was submitted too late to allow review and scheduling of tests in the current wet season which ends on April 30th.

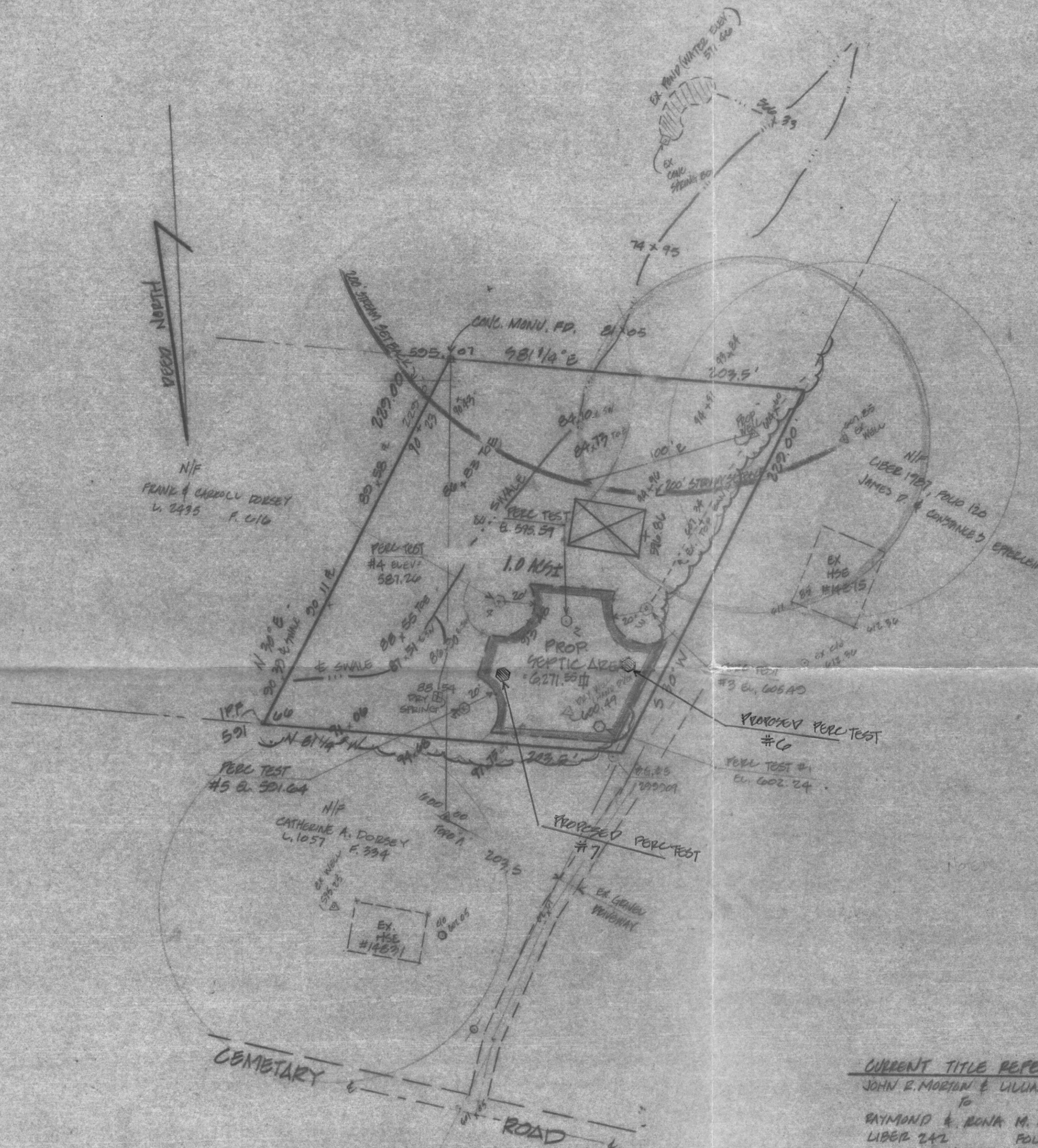
A "quick" review of the proposal suggests that far less potential septic area is available than suggested by the submitted plan. For this reason we remain as pessimistic about the prospects for approval of the lot as we were in our initial response of September 19th. If you do wish to continue with this presentation in order that a test proposal can be considered in time for next year's wet season, a revision to the plan should address the following points:

- Per COMAR 26.04.02, there must be a minimum of 25 feet of separation from an approved septic area to any of a variety of objectional features. For this property, this would apply both to failed test holes and to the out-of-service hand dug well in the proposed septic area, a feature which severely limits the total available area.
- If a septic area is to be smaller than 10,000 square feet, the final determination as to its acceptability is how much initial disposal system and future repair system can be accommodated. For this property, were a building permit to be approved, the relatively shallow soils and the variable percolation rates would suggest that the initial system for a house of 3 bedrooms or less should consist of no less than 240 linear feet total. Trenches should follow contour with not less than 9 feet edge-to-edge separation. An area





VICINITY MAP SCALE 1"=2000'



# GENERAL NOTES

1. BEARINGS & DISTANCES SHOWN HEREON ARE BASED ON THE DEED ONLY AND THIS PLAN IS NOT INTENDED TO BE A BOUNDARY SURVEY.
2. THE ELEVATIONS SHOWN HEREON ARE BASED ON A FIELD RUN SURVEY DONE 4/13/92 AND BASED ON U.S.G.S. DATUM.
3. ALL WELLS & SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.

52 APR 24 11:23:39

## PERCOLATION CERTIFICATION PLAN

FOR  
RONA RANDALL PROPERTY  
LOCATED ON CEMETARY ROAD HOWARD CO, MARYLAND  
4TH ELECTION DIST. APRIL 15, 1991  
SCALE 1"=50'

CURRENT TITLE REFERENCE  
JOHN E. MORTON & LILLIAN MORTON  
TO  
RAYMOND & RONA M. RANDALL  
LIBER 242 FOLIO 100  
MARCH 25, 1993

## PERCOLATION TEST CERTIFICATION

I HEREBY CERTIFY THAT THE PERCOLATION TESTS  
LOCATIONS ARE CORRECT AS SHOWN HEREON.

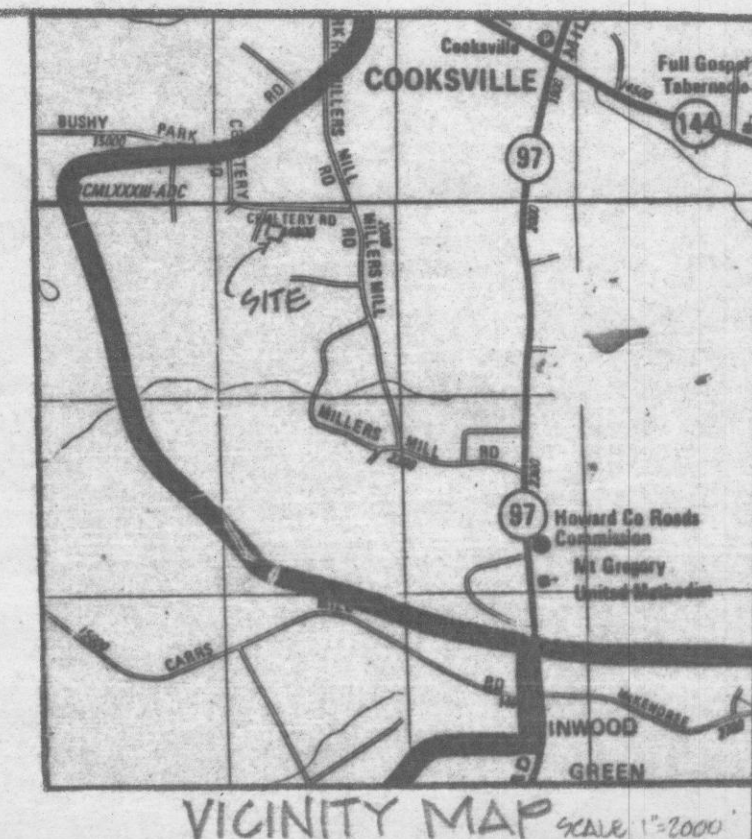
*Charles R. Crocken* 4-15-92  
CHARLES R. CROCKEN P.E. No. 1809 DATE

CHARLES R. CROCKEN & ASSOCIATES, INC.  
Civil Engineering • Land Planning  
P.O. BOX 307  
WESTMINSTER, MARYLAND 21157  
Tel. (301) 549-2708

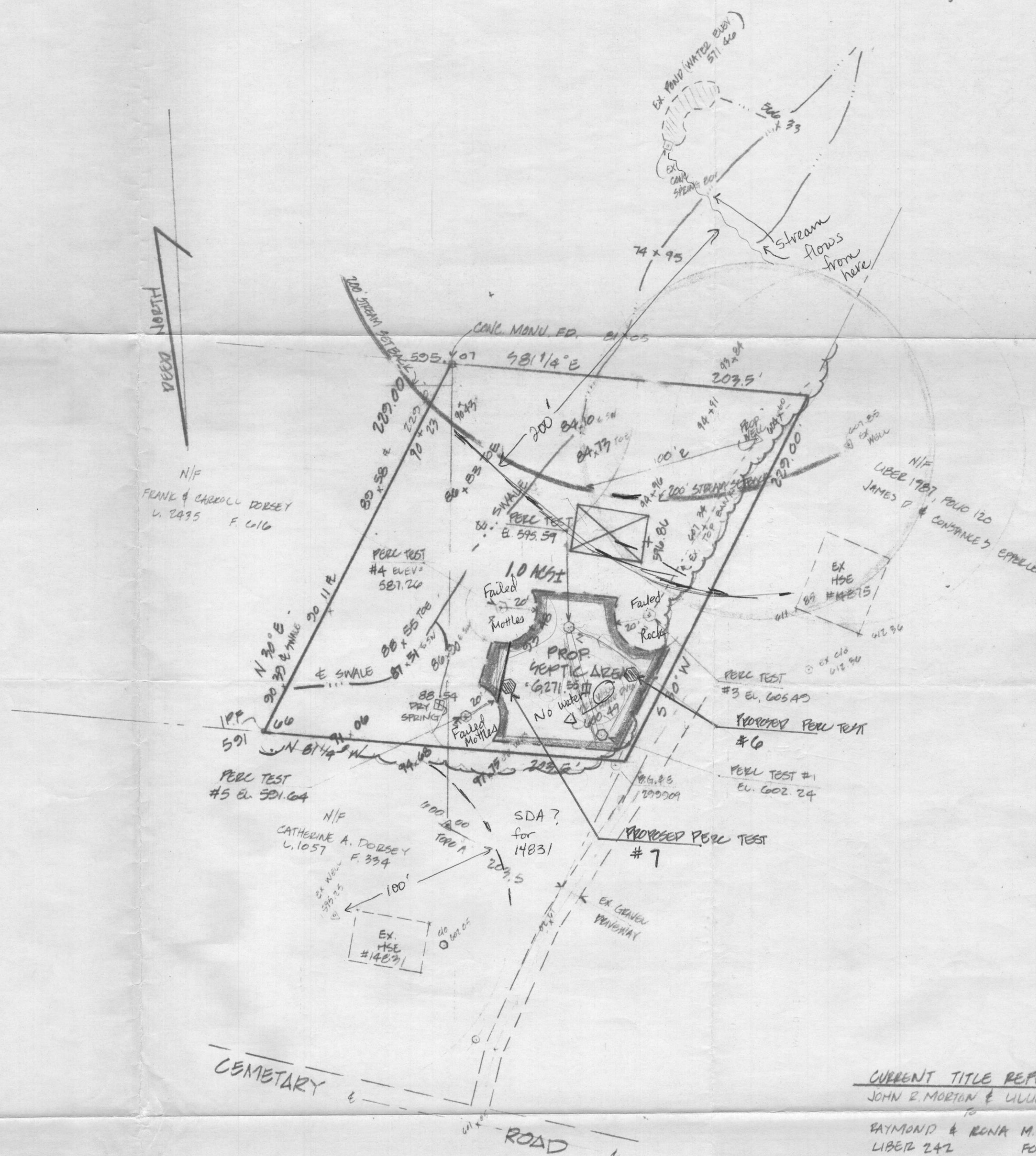


TAX MAP 14 PARCEL 19  
DESIGNED BY:  
DRAWN BY: CAC  
PROJECT NO. CAC  
DATE:  
SCALE:  
DRAWING NO. 1 OF 1





VICINITY MAP SCALE 1"=2000'



GENERAL NOTES

1. BEARINGS & DISTANCES SHOWN HEREON ARE BASED ON THE DEED ONLY AND THIS PLAN IS NOT INTENDED TO BE A BOUNDARY SURVEY.
2. THE ELEVATIONS SHOWN HEREON ARE BASED ON A FIELD RUN SURVEY DONE 4/13/02 AND BASED ON U.S.G.S. DATUM.
3. ALL WELLS & SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.

PERCUSSION CERTIFICATION PLAN

FOR RONA RANDALL PROPERTY

LOCATED ON CEMETARY ROAD HOWARD CO, MARYLAND  
4TH ELECTION DISTRICT APRIL 15, 1991  
SCALE 1"=50'

CURRENT TITLE REFERENCE  
JOHN E. MORTON & LILLIAN MORTON

RAYMOND & RONA M. RANDALL  
LIBER 242 FOLIO 100  
MARCH 25, 1953

PERCUSSION TEST CERTIFICATION

I HEREBY CERTIFY THAT THE PERCUSSION TESTS LOCATIONS ARE CORRECT AS SHOWN HEREON

*Charles R. Crocken* 4-15-92  
CHARLES R. CROCKEN P.E. NO. 1809 DATE

<b>CHARLES R. CROCKEN &amp; ASSOCIATES, INC.</b> Civil Engineering • Land Planning P.O. BOX 307 WESTMINSTER, MARYLAND 21157 Tel. (301) 549-2708	
DATE 4-15-92 	TAX MAP 14 PARCEL 15 DESIGNED BY: DRAWN BY: <i>CHC</i> PROJECT NO. <i>CHC</i> DATE: SCALE: DRAWING NO. <u>1</u> OF <u>1</u>

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
92 APR 24 PM 2:39