

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 525113

AGENCY REVIEW: \_\_\_\_\_

DATE 6/19/06

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

VACANT LOT

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH \_\_\_\_\_ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) PAUL S. & CYNTHIA R. PAPPAS

DAYTIME PHONE \_\_\_\_\_ CELL 240-286-7680 FAX \_\_\_\_\_

MAILING ADDRESS 14875 CEMETERY RD. COOKSVILLE MD. 21723  
STREET CITY/TOWN STATE ZIP

APPLICANT CHARLES R. CROCKETT & ASSOC.

DAYTIME PHONE 410-549-2708 CELL N/A FAX 410-549-9063

MAILING ADDRESS 902 LEE AVENUE SYKESVILLE MD-21784  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION PAPPAS PROPERTY PARCEL  
SUBDIVISION/PROPERTY NAME LOT NO TWO

PROPERTY ADDRESS SEE ABOVE 14875 Cemetery Road  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 14 GRID \_\_\_\_\_ PARCEL(S) 19 PROPOSED LOT SIZE 1.0 AC.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Charles R. Crockett  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

**AP 1 E**

10" Str Brown Lm-Silm

Yellow Red Clay-SiCl

30" Red Silm-SiCl

48" Yellow-Red Lm-Silm

6' Yellow Brown Solm  
25% Str Spherulite  
Sandstone gravel-cobbles  
1-5"

13 1/2'

**1 B**

10" Str Brown Lm-Silm

Yellow-Red Clm 5YR 5/8

3' Red Silm

4' Yellow Red Silm Some Dk Red 2.5YR 2.5/4

6' Solm 25% v.w. sapr

12'

**2 E**

11" Brown Silm-Lm

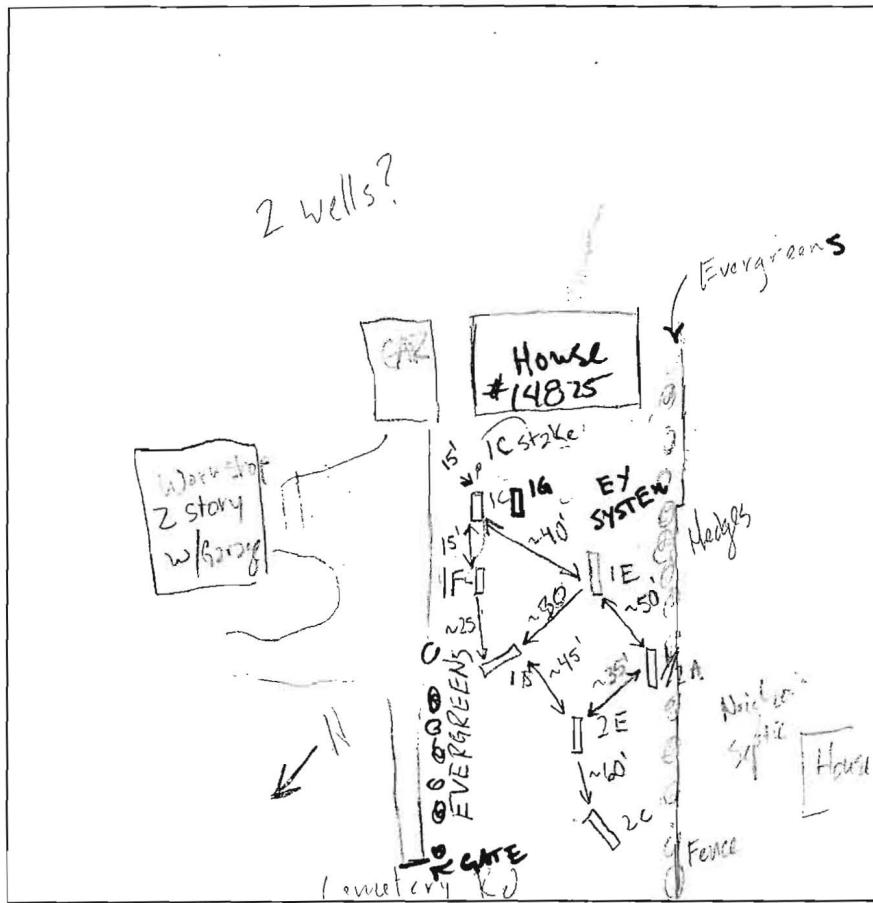
Yellow Red SiCl BYR 5/8

3' Silm Yellow Red

4 1/2' Red-Yellow Heavy Solm

6' 2.5YR 5/8 Solm 15-20% m. Sapr

13'



**2C**

1 1/2' Brown Lm-Silm

Yellow Red SiCl

30"

Silm Yellow Red

48" Yellow Red 2.5YR 5/8 5YR 6/8 Silm 15% w.v. Sapr

12' Str. Sapr

**1/2 A**

18" Brown Silm

Red SiCl

4' Yellow Red Silm-FSL

6' Yellow Brown FSL 10YR 5/8

13' 15-20% v.w. MS Sapr

**1 C**

11" Dk Brown Silm

Yellow Red SiCl

3' Yellow Red SiCl

4' 5YR 5/8 Yellow Red SiCl Lm

70-80% Heavily Fract.

Channery Py HARD

| DATE     | TEST #       | DEPTH      | START | BREAK 1" DROP  | STOP 2" DROP | TIME OF 2nd INCH | P/F/H |
|----------|--------------|------------|-------|----------------|--------------|------------------|-------|
| 11/17/06 | 1E           | 5' / 13.5' | 10:47 | 10:58          | 11:16        | 18m              | P     |
|          | 1B           | 6' / 12'   | 11:03 | 11:06          | 11:12        | 6m               | F     |
|          | 2E           | 5' / 13'   | 11:22 | Pulled @ 11:48 | -1/2"        | Dig 1' deeper    |       |
|          | 2C           | 5' / 12.5' | 11:32 | 11:35          | 11:39        | 4m               | P     |
|          | 2E (Re-test) | 6'         | 12:03 | 12:07          | 12:14        | 7m               | P     |
|          | 1/2A         | 5' / 13'   | 12:18 | 12:32          | 1:54         | 22m              | P     |
|          | 1C           | 5' / 8'    | > 50' | 10 Frags @ 4'  |              |                  | F     |
|          | 1F           | 5' / 11.5' |       |                |              |                  | P     |
|          | 1G           | 5' / 7'    |       |                |              |                  | F     |

REMARKS: Garage / Workshop on 2nd small parcel

SANITARIAN: GAC BACKHOE: Brendle OTHERS: Mr. Pappas Bud Crookan

TEST HOLES USED IN SDA: \_\_\_\_\_ AVG. PERC TIME: \_\_\_\_\_ SQ. FT/BR: \_\_\_\_\_

TRENCH WIDTH: \_\_\_\_\_ INLET DEPTH: \_\_\_\_\_ MAX. BOT DEPTH: \_\_\_\_\_ EFFECTIVE SW: \_\_\_\_\_

ON STAKES EXCEPT 1C, 1F, 1/2A, 1G  
+ 11 perc would be 2-7m @ 6'

These perc tests are relevant for planning septic system to serve #14825 Cemetery Road.

W6P  
9/18/91 10:00

# 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

\$125.00 Fee to accompany sketch on 9-16-91 from Norman Collins, stream along lower property line. 200 ft stream buffer required. JEN 9-13-91

DISTRICT 4

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.

1/3-

PROPERTY OWNER Rona Ramdahl

ADDRESS 1201 Little Brook Apt # Frederick MD 21702 PHONE \_\_\_\_\_

PROSPECTIVE BUYER MR + MRS Thomas R Jordan

ADDRESS 9902 Cervidae Lane, Apt. 207 Randallstown MD, 21133 PHONE 655-7967

PROPERTY LOCATION:

SUBDIVISION 14531 ~~Cementary~~ + Randall Property LOT NO. 3

ROAD AND DESCRIPTION Bush Park Road To Cementary ~~Atto~~ Road

TAX MAP 14 PARCEL # 19 Grid 4

SIZE OF LOT 1.40 TYPE BLDG Singh 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.

Norman Collins  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 9-18-91 Recommend rejection. slow soils, distance to stream, potentially high water table. Less than 2000 sq ft of suitable soils. JENadeau

HD-216

# THIS IS NOT A PERMIT

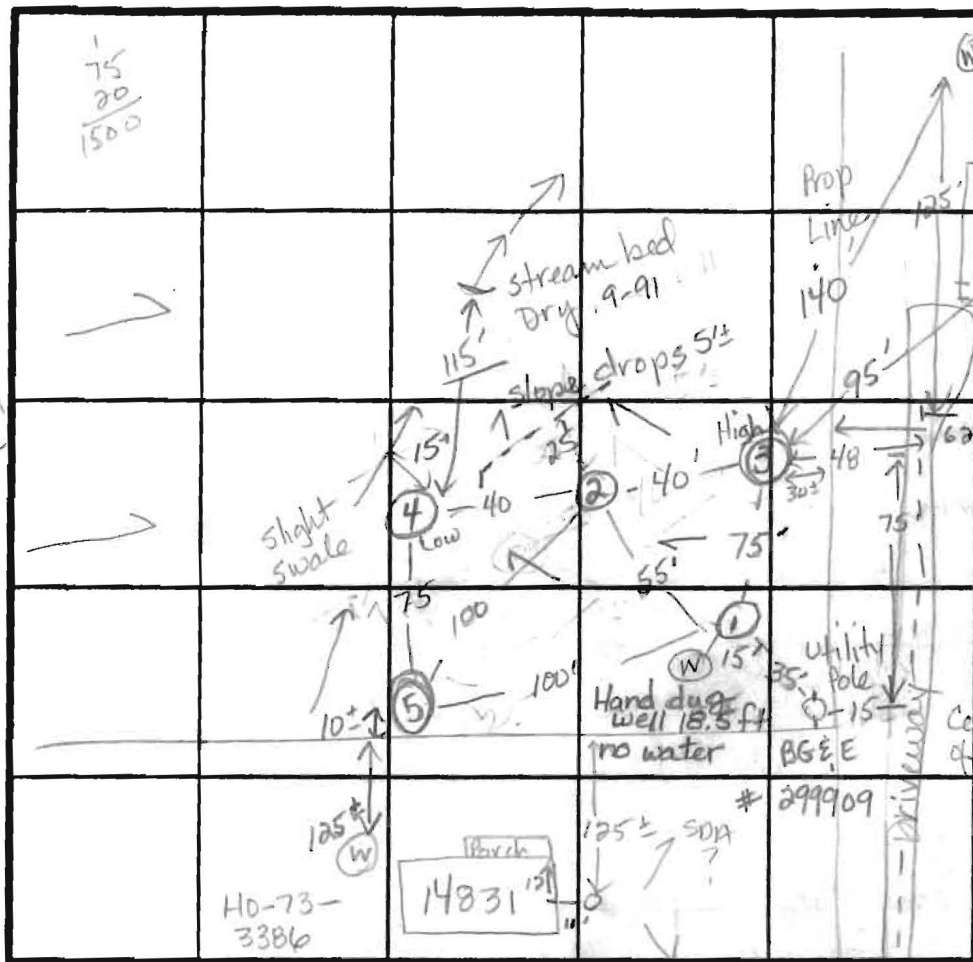
A47481

①  
SOIL PROFILE

0-2.0 Red-br s&cl  
2.0-15.0 Tan-red s& sil, (2'x1') some large structured rock at 7.0 ft < 40% rock frags Bottom

②

0-4.0 Rd-br s&cl  
4.0-14.5 Tan-red s& sil, little rock frags at 9.0 ft < 15% rock structured rock at 13.0 ft < 25% rock Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Cemetery Road

| DATE    | TEST NO. | DEPTH           | PRE-WET              |                      | TEST - 1" DROP       |                      | TIME            |
|---------|----------|-----------------|----------------------|----------------------|----------------------|----------------------|-----------------|
|         |          |                 | START                | STOP                 | START                | STOP                 |                 |
| 9-18-91 | 1        | 5.0 M<br>4.5 S  | 10:16:50<br>11:26:28 | 10:19:18<br>11:27:15 | 10:19:18<br>11:27:15 | 10:25:46<br>11:28:21 | 6 min<br>16 sec |
|         | Retest   | 4.5 S<br>15.0 D | 11:30:22             | 11:32:00             | 11:33:00             | 11:33:28             | 28 sec<br>ok    |
|         | 2        | 5.5 S<br>14.5 D | 10:30:55             | 10:33:07             | 10:33:07             | 10:35:20             | 2 min<br>ok     |
|         | x (3)    | 5.5 S<br>14.0 D | 11:52                | 12:07                | 12:07                | 1:05                 | 58 min<br>Fail  |
|         | x 4      | 4.5 S<br>12.5 D | 12:16:44             | 12:22:10             | 12:22:10             | 12:52                | 30 min<br>Fail  |
|         | x (5)    | 4.5 S<br>11.5 D | 12:42:25             | 12:56                | 12:56                | 1:26                 | slow<br>Fail    |

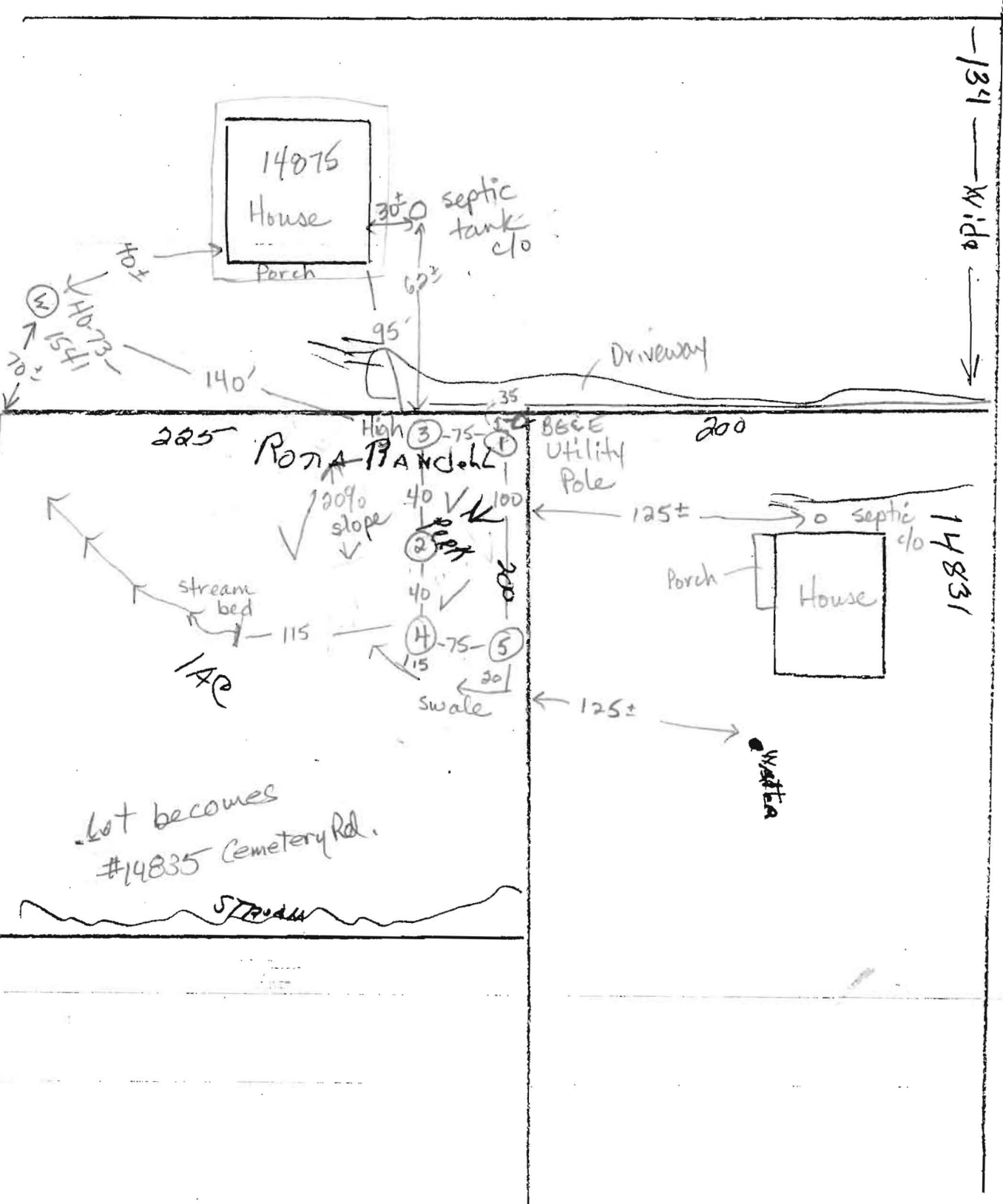
REMARKS: Holes in woods. No plan with hole locations was submitted.

TYPE OF SOIL: 0-3 Rd-br s&cl, 3-12 Tan-red s& sil, < 40% rock

TESTED BY: J.E. Nadeau ALSO PRESENT: Norman Collins & helper Mrs. Jordan

③  
0-5.0 Red s&cl  
5.0-14.0 Tan s& sil, some struct. rock at 7.0 ft (25'x1'), < 15% rock 14% Refusal

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
91 SEP 18 AM 7:45




Comerford Ave  
655-7964

lot becomes  
#14835 Cemetery Rd.

STREAM



# HEALTH DEPARTMENT NOTES

1. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
2.  THE AREA DESIGNATES A PRIVATE SEWAGE EASEMENT. AS REQUIRED BY THE MARYLAND 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 BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER. A HOWARD COUNTY HEALTH OFFICER HAS RIGHTS TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT.
3. THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.
  - DENOTES "PASSED" PERCOLATION TEST
  - DENOTES "FAILED" PERCOLATION TEST

NOTE: THE NEAREST WATER INTAKE STRUCTURE IS FIVE MILES+/- AWAY.

4. THE WELL FOR PARCEL #2 SHALL BE DRILLED AND HAVE RECEIVED PRELIMINARY APPROVAL PRIOR TO FINAL PLAT SIGNATURE
5. BOTH EXISTING WELLS LOCATED ON PARCEL #1 SERVE THE EXISTING HOUSE ON PARCEL #1

## GENERAL NOTES:

1. SUBJECT PROPERTY IS ZONED RC-DEO
2. AREA OF PROPERTY = 4.729 ACRES±  
(PARCEL #1 = 3.729 AC, PARCEL #2 = 1.0 AC)
3. EXISTING USE = SINGLE FAMILY RESIDENTIAL
4. PROPOSED USE = SINGLE FAMILY RESIDENTIAL
5. NUMBER OF UNITS ALLOWED (1 EXIST. & 1 PROPOSED) = 2 UNITS
6. NUMBER OF UNITS PROPOSED = 2 UNITS
- \*7. BOUNDARY AND TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY BY HOWARD COUNTY DATED 1998, AND VERIFIED IN THE FIELD BY CHARLES R. CROCKEN & ASSOC. DATED
8. BOUNDARY BASED ON HOWARD COUNTY MONUMENTS
9. SERVICE: WATER = PRIVATE, SEWER = PRIVATE.
10. SOILS SURVEY MAP No.7

## SITE ANALYSIS

AREA OF LOTS 1 & 2 = 4.729 AC.  
 THE MASTER PLAN OF HOWARD COUNTY  
 PRESENT ZONING = RC-DEO  
 PROPOSED USE OF STRUCTURES = SINGLE FAMILY  
 # UNITS ALLOWED = 2  
 # UNITS PROVIDED = 2  
 OPEN SPACE ON SITE = N/A  
 HOWARD COUNTY FILE NO'S:

 DENOTES SLOPES 25% OR STEEPER.

## HAND DUG WELL

EXISTING HAND DUG WELL SHALL BE ABANDONED AND BACKFILLED IN ACCORDANCE WITH HEALTH DEPT. REGULATIONS PRIOR TO FINAL PLAN APPROVAL.

## NOTE:

EXISTING 2-STY GARAGE TO BE CONVERTED TO DWELLING UPON FINAL PLAN APPROVAL AND RECORDATION OF EASEMENTS IN LAND RECORDS OF HOWARD COUNTY.

## DEED HISTORY:

| PARCEL #1<br>3.729 AC.   | PARCEL #2<br>1.0 AC.   |
|--|--|
| EPPERLEIN TO DUNCAN<br>DATE: 03/30/92<br>LIBER 2572, FOLIO 137 | RANDALL TO DUNCAN<br>DATE: 02/19/93<br>LIBER 2792, FOLIO 184 |
| DUNCAN TO PAPPAS<br>DATE: 06/19/03<br>LIBER 7299, FOLIO 333    | DUNCAN TO PAPPAS<br>DATE: 06/19/03<br>LIBER 7299, FOLIO 333  |

*Copy of  
Perc Cert  
signed 4/16/2007  
page 2*

2-26-07



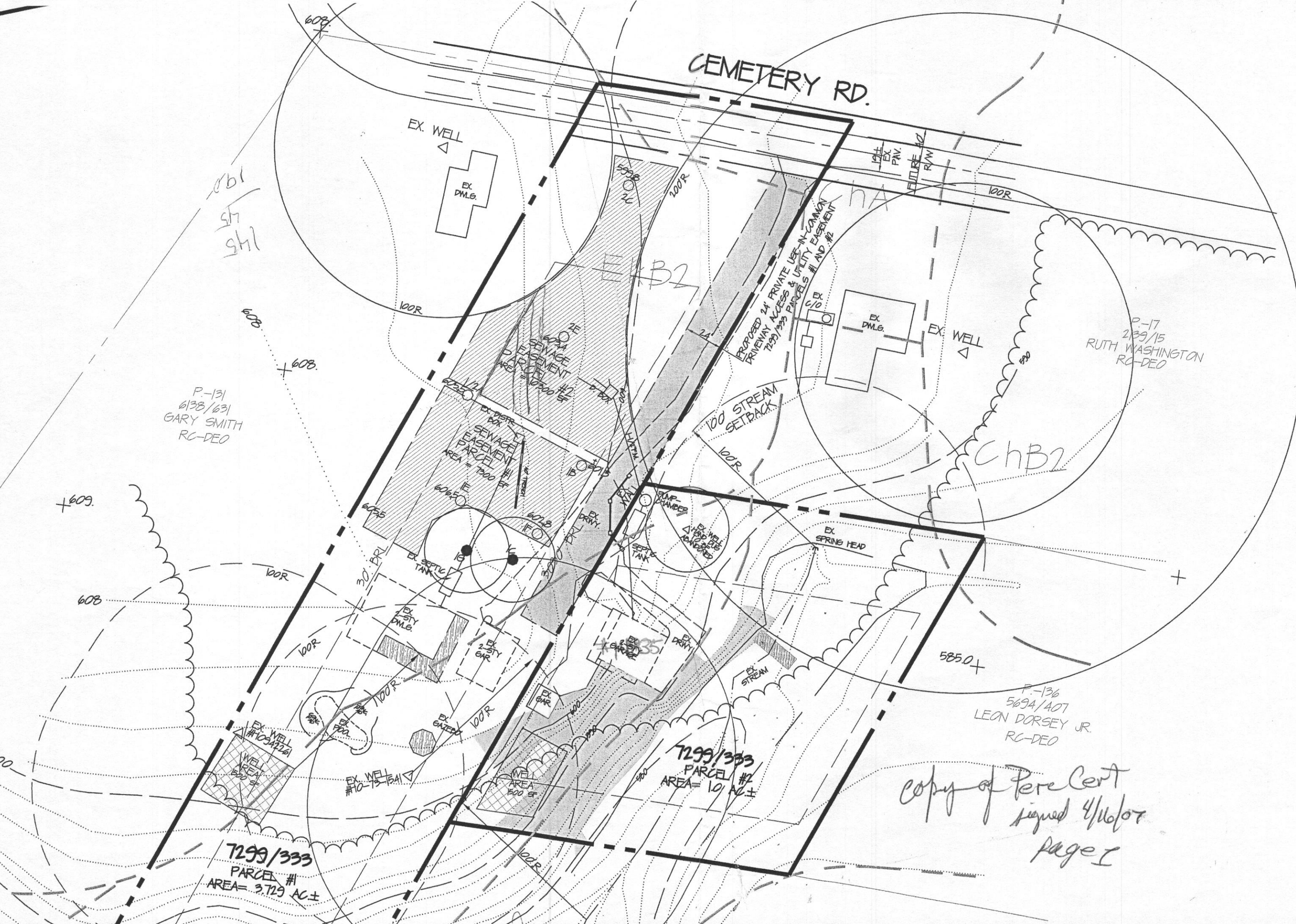
*Charles R. Crocken*

| NO. | DATE | REVISION |
|-----|------|----------|
|     |      |          |
|     |      |          |

PERCOLATION CERTIFICATION PLAN  
FOR  
PAPPAS PROPERTY



CEMETERY RD.



P-131  
6/38/63  
GARY SMITH  
RC-DEO

P-17  
2/39/15  
RUTH WASHINGTON  
RC-DEO

P-136  
5/694/407  
LEON DORSEY JR.  
RC-DEO

7299/333  
PARCEL #2  
AREA= 10 AC±

7299/333  
PARCEL #1  
AREA= 3.729 AC±

HEAL

1. THE LOCAL AREA REG

2. AS REQUIRED INDIVIDUAL RESTRICT NULL AND OFFICER

3. THERE LINES ST

NOTE:

4. THE APP

5. BO EXIS

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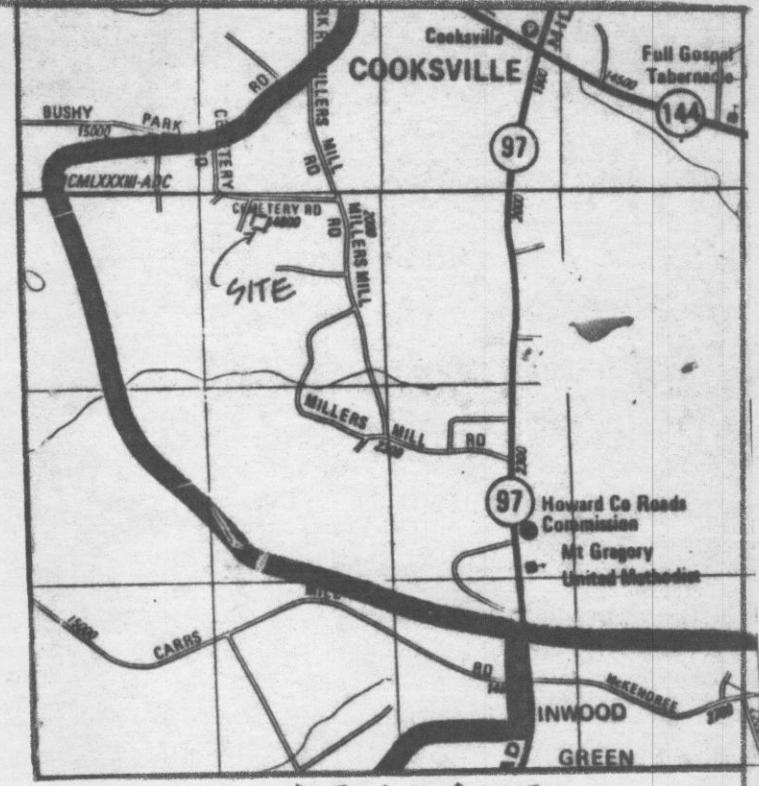
1. S  
2. 1

3. A. 5

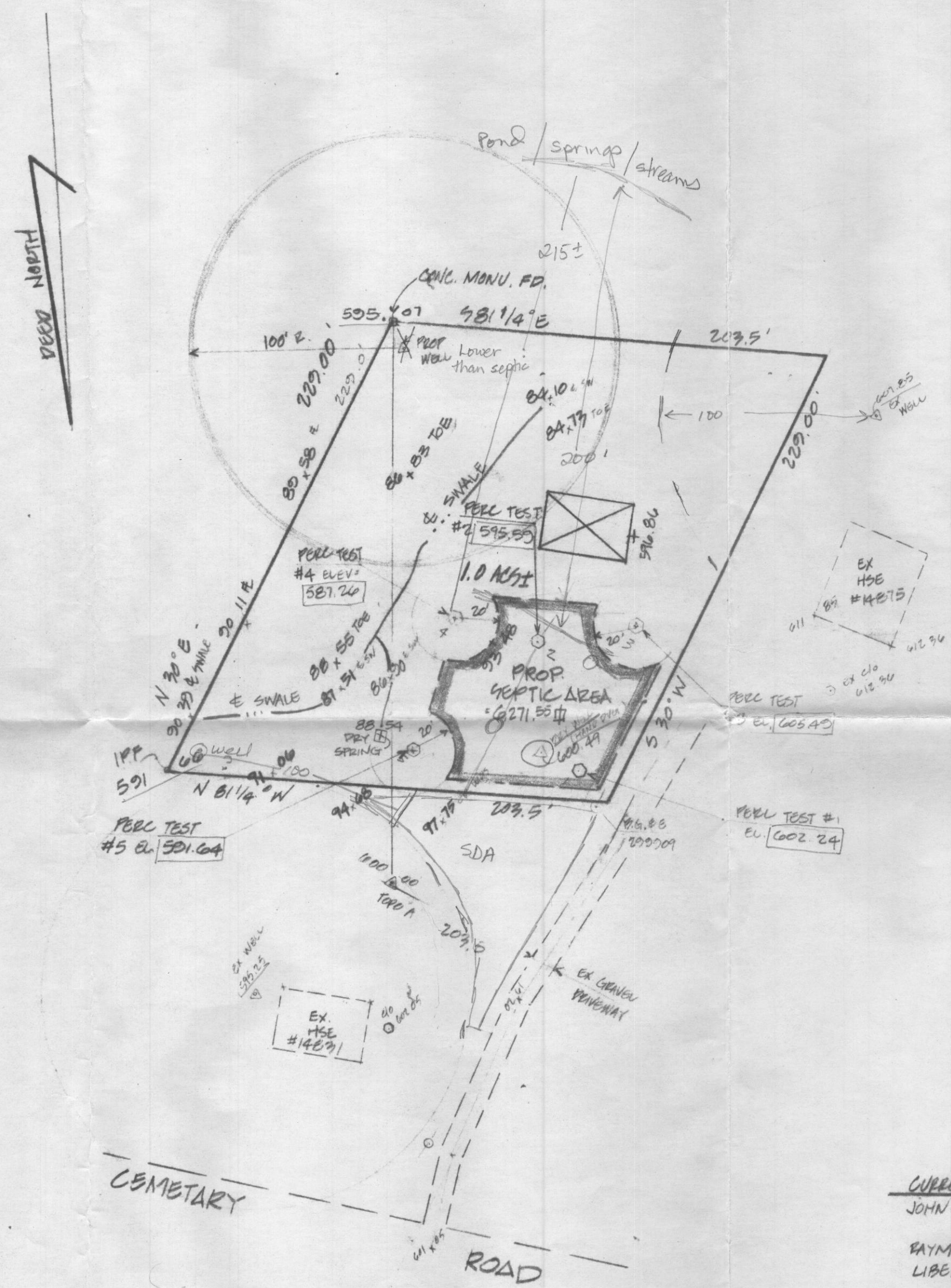
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copy of Per Cert  
signed 4/16/07  
page 1





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 4/18/92 AND BASED ON U.S.G.S. DATUM.
3. ALL WELLS & SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.

4-21-92

Discussed proposal w/ engineer, Buddy Crocken will locate springs & streams off lot. This may allow additional testing along higher ground. May request additional wet season testing. Notified Crocken that wet season would end in April most likely. JENodeau

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

|   |                      |
|---|----------------------|
| <b>CHARLES R. CROCKEN &amp; ASSOCIATES, INC.</b><br>Civil Engineering • Land Planning<br>P.O. BOX 307<br>WESTMINSTER, MARYLAND 21157<br>Tel. (301) 549-2708 |                      |
| 4-15-92<br>DATE   | TAX MAP 14 PARCEL 19 |
| DESIGNED BY:  |                      |
| DRAWN BY: ctc   |                      |
| PROJECT NO. ctc   |                      |
| DATE:   |                      |
| SCALE:  |                      |
| DRAWING NO. 1 OF 1  |                      |

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. 7809 DATE

*Percolation Test Plan*  
 Not approved / not signed