



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 537271

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

DATE 4-23-12

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

THE TYPE OF STRUCTURE IS:

- ☒ RESIDENTIAL WITH UNKNOWN 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) REMEMBRANCE BIBLES, INC

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 7359 HALLMARK RD CLARKSVILLE MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT PROBUILT CONSTRUCTION INC.

DAYTIME PHONE 301 854 0821 CELL 301 617 0164 FAX 301 854 9632

MAILING ADDRESS 1330 CLARKSVILLE PIKE HIGHLAND MD 20777  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 3190 DAISY RD. WOODBINE MD  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 20 GRID 6 PARCEL(S) 122 PROPOSED LOT SIZE \_\_\_\_\_

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.

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

A/P \_\_\_\_\_

2012 AP 23 PM 2:23

2012 AP 23 PM 2:23

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

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



Howard County  
Health Department

Bureau of Environmental Health  
7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
Website: [www.hchealth.org](http://www.hchealth.org)

Peter L. Beilenson, M.D., M.P.H., Health Officer

Date: May 4, 2012

To: Pro Built Construction Inc.  
C/o Bruce Bates, Via E-mail: [brucebates6@verizon.net](mailto:brucebates6@verizon.net)  
13330 Clarksville Pike  
Highland, Maryland, 21029

RE: **Percolation Testing Report, 3190 Daisy Road, Tax Map 20, Parcel 122**

Mr. Bates

Percolation testing was conducted on the referenced property on May 30, 2012. The purpose for conducting these percolation tests was to delineate a septic reserve area for an anticipated establishment of a sewage disposal area and to establish a new septic area for an existing lot.

Soil conditions observed were **satisfactory** for onsite wastewater treatment and disposal. A total of five (5) test holes evaluated were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation. Field data collected is shown on the Percolation Test Worksheets enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recodation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

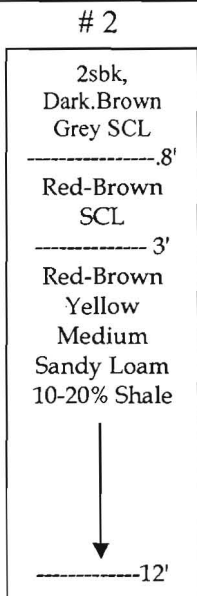
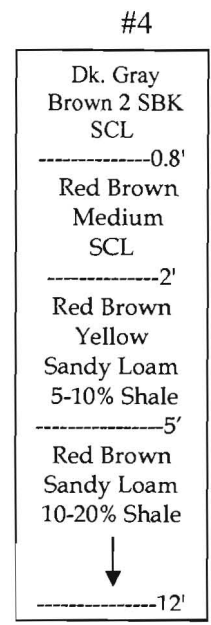
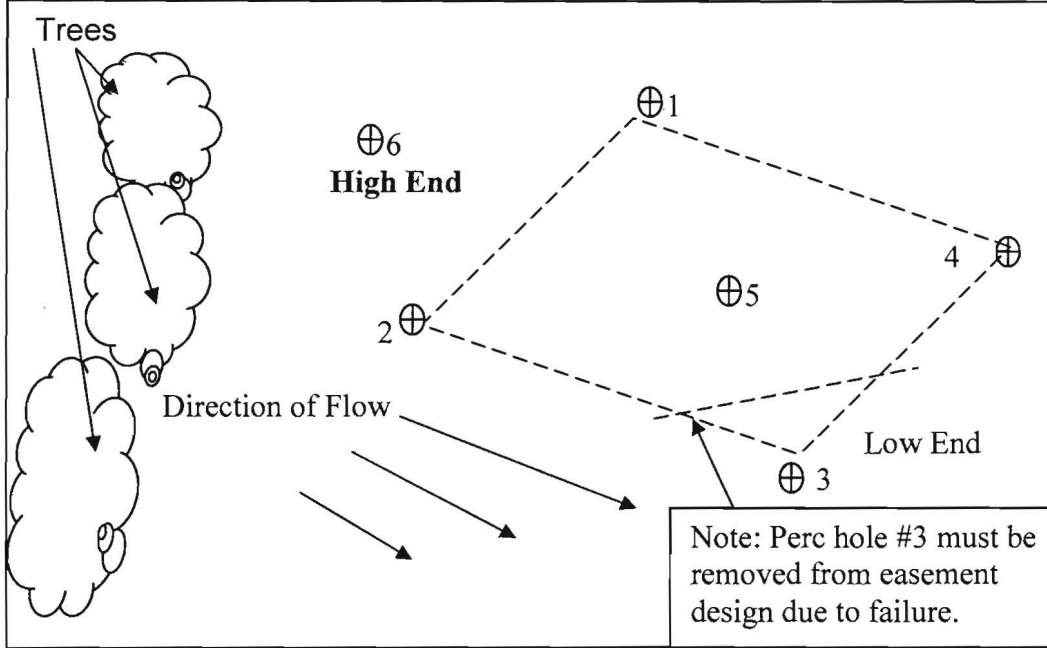
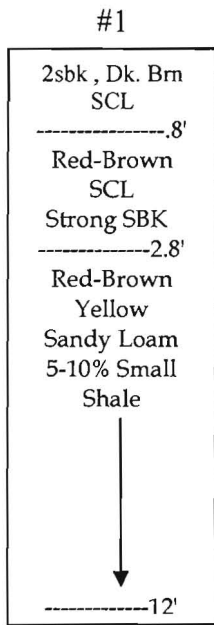
Respectfully,

Dana Bernard, REHS/RS  
Environmental Sanitarian  
Well and Septic Program

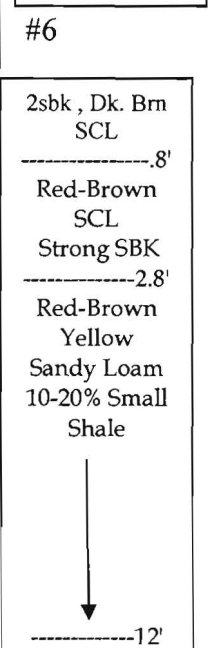
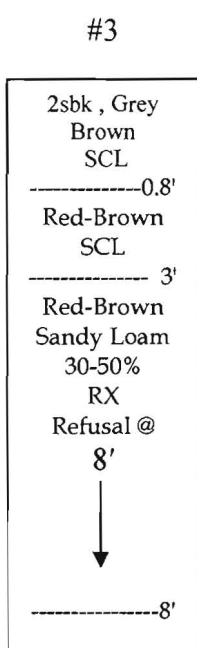
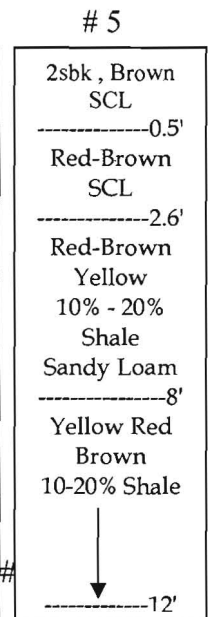
Enclosures (2)  
CC: File

# Percolation Information- 3190 Daisy Road

NOT TO SCALE



Date	Test	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 <sup>nd</sup> Inch	P/F/H
5-30-12	1	3'/12'	10:59	11:03	11:08	5 min.	Pass
5-30-12	2	3.5'/12'	11:28	11:38	11:50	12 min.	Pass
5-30-12	3	Refusal			@ 8'		Fail
5-30-12	4	3'/12'	10:37	10:40	10:47	7 min.	Pass
5-30-12	5	3.5'/12'	11:50	11:54	12:00	6 min.	Pass
5-30-12	6	12'		Visual	Pass		Pass



Remarks: Percolation area suitable to establish a functional \_SDA.\_  
Wells are more than 100 feet away from septic area.

Sanitarian D.B. Backhoe: \_ Others: Bruce Bates-Project Manager\_\_\_\_\_

Test Holes Used in \_5\_ Avg. Perc Time 14 min. \_ SQ.FT/BR\_

Trench Width 3' \_ Inlet Depth 3' \_ Max Bot.Depth \_5'\_ Effective S/W \_2'\_



# 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

May 16, 1988

Mr. Clyde McPherson  
3200 Daisy Road  
Woodbine, Maryland 21797

RE: Percolation Testing  
Former Byong Yoo Property  
Tax Map 20 Parcel 122  
Daisy Road

Dear Mr. McPherson:

Percolation testing conducted April 25, 1988 on the above referenced property indicated satisfactory soil conditions.

Approval is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

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

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,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director  
Water and Sewerage Program

CW:JR

cc: Tax Assessment Office

Piling  
4-25-88  
11:30 AM

# APPLICATION

41115  
4115

PERCOLATION TESTING

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

A 41115  
P \_\_\_\_\_  
DISTRICT 4TH  
DATE 3-3-88

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 Remembrance Bibles, Inc.

✓ ADDRESS 1359 Hallmark Rd Clarksville, MD 21025 PHONE 301-776-2941

PROSPECTIVE BUYER Clyde + Niva McPherson

✓ ADDRESS 3200 Daisy Rd Woodbine, MD 21797 PHONE 301-854-6708

✓ PROPERTY LOCATION:

SUBDIVISION Dist 04 MAP 20 Grid 6 Parcel 122 <sup>Deed Ref.</sup> LOT NO Liber 177 FOLIO 455

ROAD AND DESCRIPTION 3200 Daisy Road Woodbine, MD

TAX MAP 13/28 PARCEL # P/O (ADJ?) TO P. 128  
(WARFIELD)  
SIZE OF LOT .998A TYPE BLDG S.F.D.  
(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.

APPROVED BY Craig W. [Signature] FOR Mary A. Barnes, President  
Remembrance Bibles, Inc. (SIGNATURE OF APPLICANT)  
DATE 3/1/88

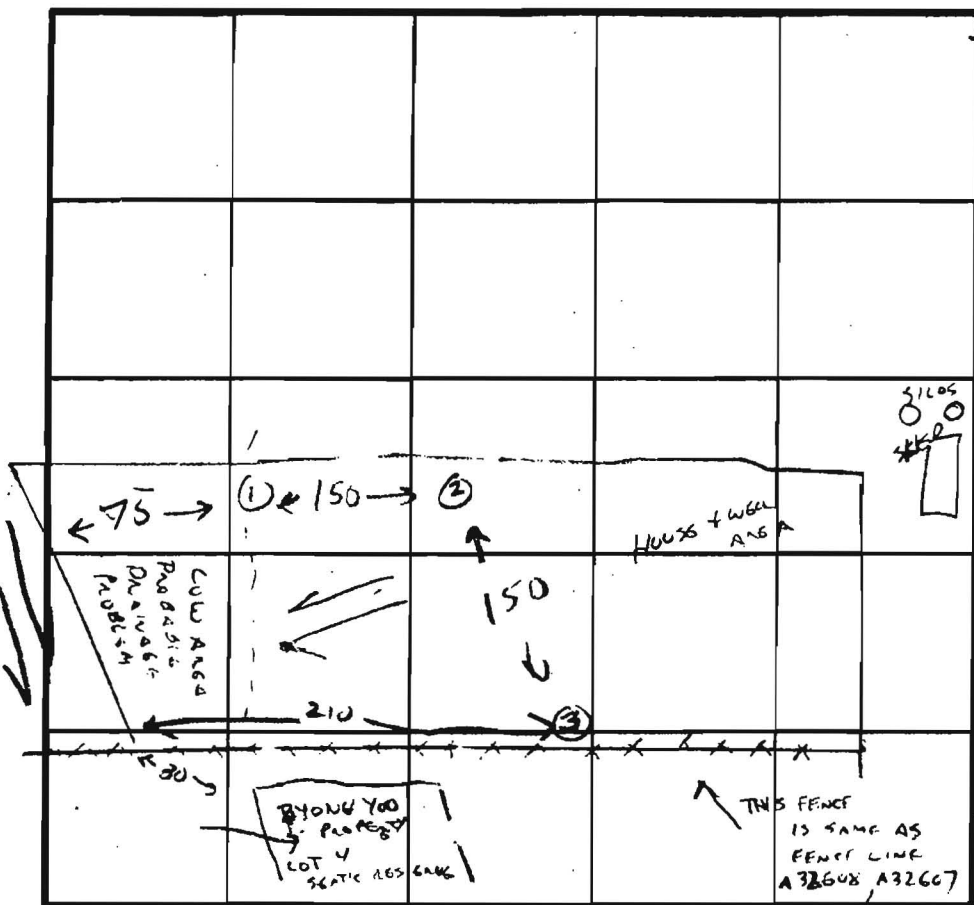
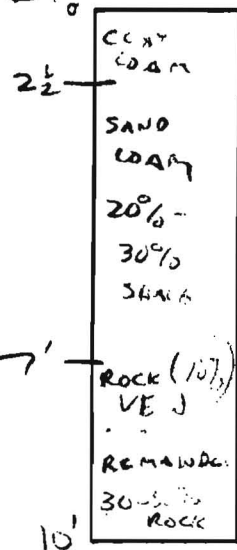
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

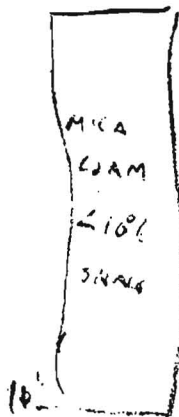
HD-216

## THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#293

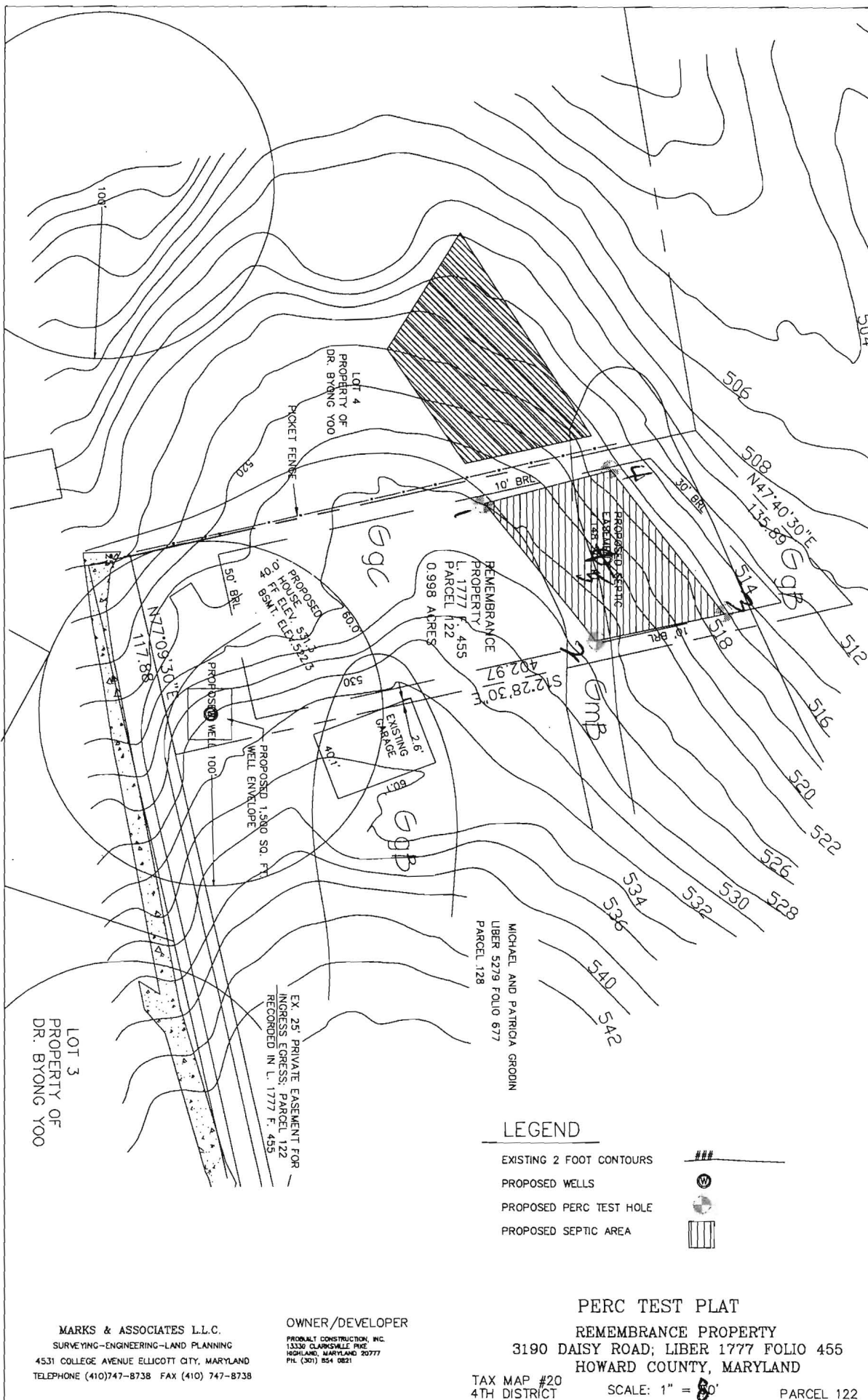


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/81	1	3	2:45	2:49	2:49	2:57	8 M.D
		9	ROCK AT 7', REFUSAL AT 9'				
	2	3	3:02	3:05	3:05	3:08	7 M.D
		11 1/2	VIS OK LOAN				
	3	3	3:14	3:18	3:18	3:24	6 M.D
		12	VIS OK LOAN				

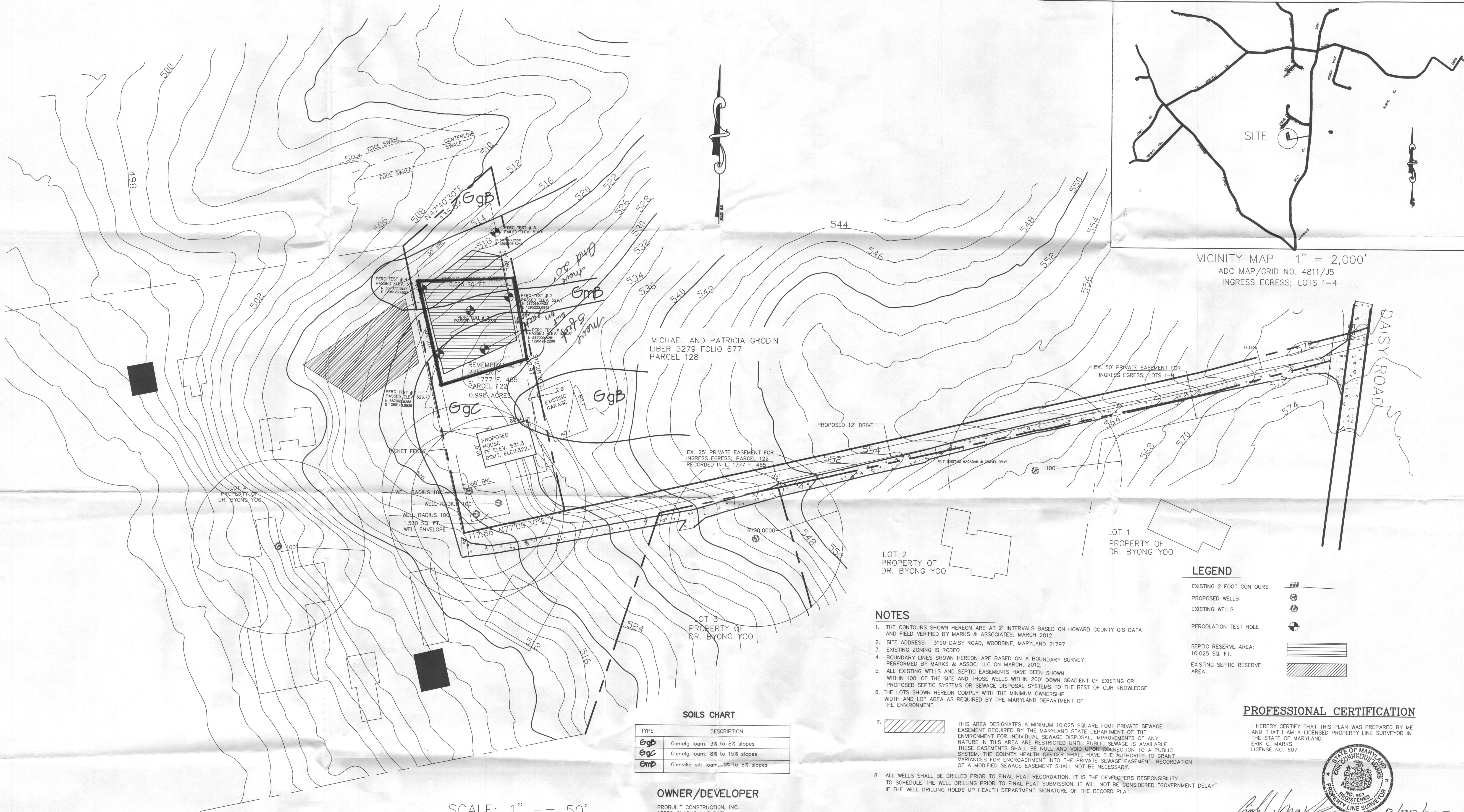
REMARKS SOLCS OK, PLAT REQUIRED - SEE ALSO T-5 NOTES A32608, 32607  
OF 4/28/83

TYPE OF SOIL MICA LOAM ROCK IS CONGLOMERATE PORTION OF CRUST

TESTED BY C. A. C. C. ALSO PRESENT SINK, McPHERSON







SCALE: 1" = 50'

**OWNER/DEVELOPER**  
PROBUILT CONSTRUCTION, INC.  
13330 CLARKSVILLE PIKE  
HIGHLAND, MARYLAND 20777  
PH. (301) 854 0821

**NOTES**

1. THE CONTOURS SHOWN HEREON ARE AT 2' INTERVALS BASED ON HOWARD COUNTY GIS DATA AND FIELD VERIFIED BY MARKS & ASSOCIATES, MARCH 2012.
2. SITE ADDRESS: 3190 DAISY ROAD, WOODBINE, MARYLAND 21797
3. EXISTING ZONING IS RCDEO
4. BOUNDARY LINES SHOWN HEREON ARE BASED ON A BOUNDARY SURVEY PERFORMED BY MARKS & ASSOC. LLC ON MARCH, 2012.
5. ALL EXISTING WELLS AND SEPTIC EASEMENTS HAVE BEEN SHOWN WITHIN 100' OF THE SITE AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL SYSTEMS TO THE BEST OF OUR KNOWLEDGE.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.



THIS AREA DESIGNATES A MINIMUM 10,025 SQUARE FOOT 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 THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

7. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.

**LEGEND**

- EXISTING 2 FOOT CONTOURS
- PROPOSED WELLS
- EXISTING WELLS
- PERCOLATION TEST HOLE
- SEPTIC RESERVE AREA: 10,025 SQ. FT.
- EXISTING SEPTIC RESERVE AREA

**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME AND THAT I AM A LICENSED PROPERTY LINE SURVEYOR IN THE STATE OF MARYLAND.  
ERIK C. MARKS  
LICENSE NO. 607



*Erik C. Marks* 8/22/2012  
ERIK C. MARKS RPLS NO. 607 DATE

DATE: 07/24/2012

**MARKS & ASSOCIATES L.L.C.**

SURVEYING-ENGINEERING-LAND PLANNING  
4531 COLLEGE AVENUE ELLICOTT CITY, MARYLAND  
TELEPHONE (410)747-8738 FAX (410) 747-8738

**PERCOLATION CERTIFICATION PLAT**

REMEMBRANCE PROPERTY  
3190 DAISY ROAD; LIBER 1777 FOLIO 455  
HOWARD COUNTY, MARYLAND

TAX MAP #20  
4TH DISTRICT

SCALE: 1" = 50'

PARCEL 122

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

HEALTH OFFICER DATE



