



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

\$506.00 fee  
checks payable to 'Director of Finance'

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ AP 528442

AGENCY REVIEW: \_\_\_\_\_ DATE 11/1/08

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 TWO 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) JOE AND TAMMY STEIN

DAYTIME PHONE 443-250-7320 CELL 410-206-9848 FAX 410-644-6617

MAILING ADDRESS 910 HENRYTON ROAD MARRIOTTSTVILLE MD. 21104  
STREET CITY/TOWN STATE ZIP

APPLICANT RENOVATION & REMODELING, INC. PAUL HUF, PROJECT MANAGER

DAYTIME PHONE 410-549-7703 CELL 443-867-5320 FAX 410-549-0924

MAILING ADDRESS 1108 HOODS MILL ROAD WOODBINE MD. 21797  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME SAME AS ABOVE LOT NO. 07

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 10 GRID \_\_\_\_\_ PARCEL(S) 267 PROPOSED LOT SIZE 5.085 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. Paul F. Huf  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

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

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Empty rectangular box for notes or data.

Large empty rectangular box for notes or data.

Empty rectangular box for notes or data.

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Empty rectangular box for notes or data.

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

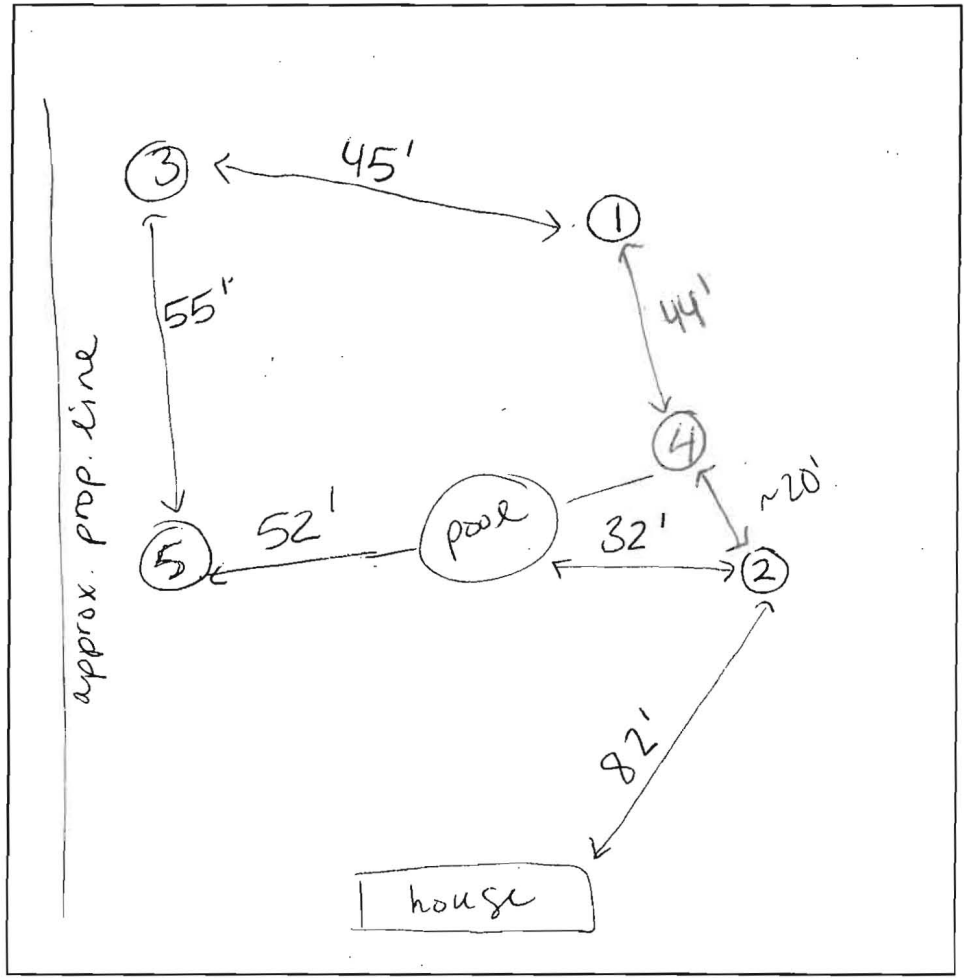
REMARKS \_\_\_\_\_

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

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

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

AP 528442



①  
 5' dk brn l 2csbk  
 red brn dense scl  
 1.5' whitish brn s l ~30% channers  
 } weakly cemented rx  
 6' whitish brn chls platy Saprolite  
 0.5'

②  
 .8' red brn l 2csbk  
 red brn scl  
 3.5' lt brn fs l ~20% channers Saprolite  
 7' yellow brn fs l few channers many mica  
 }  
 11.5' brn fs l many mica

③  
 5' dk brn l 1csbk  
 red brn scl  
 3.5' brn fs l Saprolite common mica  
 }  
 12' brn fs l ~20% channers

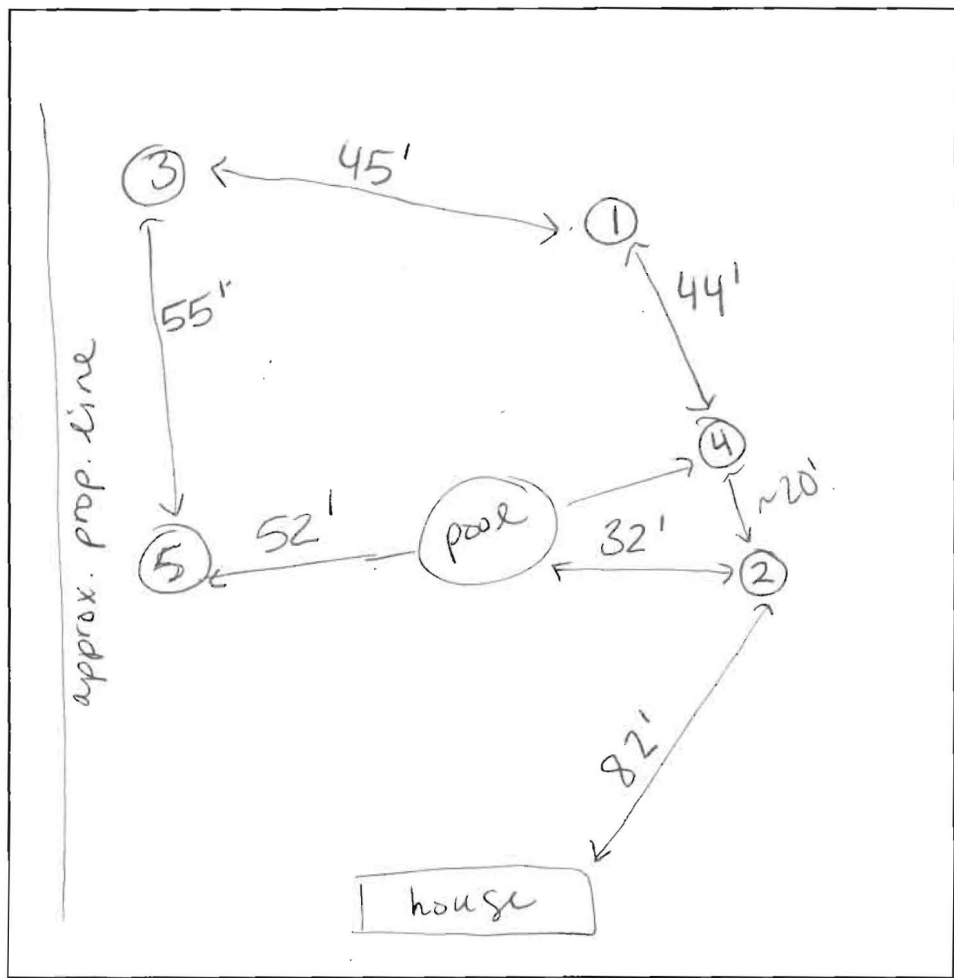
④  
 1' dk brn l 3csbk  
 heavy red brn scl  
 2.5' yellowish brn v fs l ~10% channers Saprolite  
 }  
 11.4' dk brn v fs l common mica

⑤  
 .5' dk brn l 2csbk  
 red brn scl  
 3' brn fs l many mica 20% channers  
 }  
 12' brn fs l platy Saprolite common mica ~10% channers

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
1-22-08	1	4.5' / 10.5'	10:56	10:57 <sup>30</sup>	10:59 <sup>45</sup>	2	P
	2	5' / 11.5'	10:09	10:10	10:12	2	P
	3	4' / 12'	11:14	11:15	11:17	2	P
	4	4.6' / 11.4'	10:22	10:25	10:30	5	P
	5	4.5' / 12'	10:39	10:40	10:43	2	P

REMARKS all holes consistent except # 1  
 SANITARIAN HS BACKHOE Cumberland OTHERS P. Huff  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
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 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(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)

January 23, 2008

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

Joe & Tammy Stein  
910 Henryton Rd.  
Marriottsville, MD 21104

**Re: Percolation Test Results  
#A528442  
910 Henryton Rd.**

Dear Mr. & Ms. Stein,

Percolation testing was conducted at your property January 22<sup>nd</sup>, 2008 in response to a building permit application for an addition. Percolation testing yielded sufficient results to indicate that there is septic system repair area to support your existing house and the proposed addition. Results also indicate soil conditions are satisfactory for onsite wastewater disposal. All five test holes passed and were dug per plan. Limiting factors included steep slopes in excess of 25% at the rear of the property. Field data collected is shown on the percolation test worksheets enclosed with this letter.

Due to conflicting health department records the existing trench was uncovered at the time of testing to confirm its exact location and its current condition. The existing trench appears to be functioning properly at this time and does not indicate a need for a repair.

Further review is contingent upon submission of a Percolation Certification plan per Howard County Code Sec. 3.805. The requirements for this plan have been discussed with Paul Huf who will also be preparing the plan.

If you have any questions regarding this matter please do not hesitate to contact our office at (410) 313-1771 or you may contact me directly at (410) 313-6287.

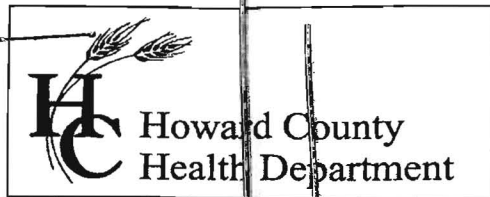
Sincerely,

A handwritten signature in cursive script, appearing to read 'Heidi Scott', written in black ink.

Heidi Scott  
Well & Septic Program  
Development Coordination Section

Enclosures

Cc: Paul Huf; Renovations & Remodeling, Inc.



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia MD 21046  
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website: www.hchealth.org

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

**MEMORANDUM**

TO: George Beisser, Chief  
Division of Planning & Zoning Administration

FROM: Michael J. Davis *MJD*  
Well & Septic Program Manager

DATE: December 5, 2007

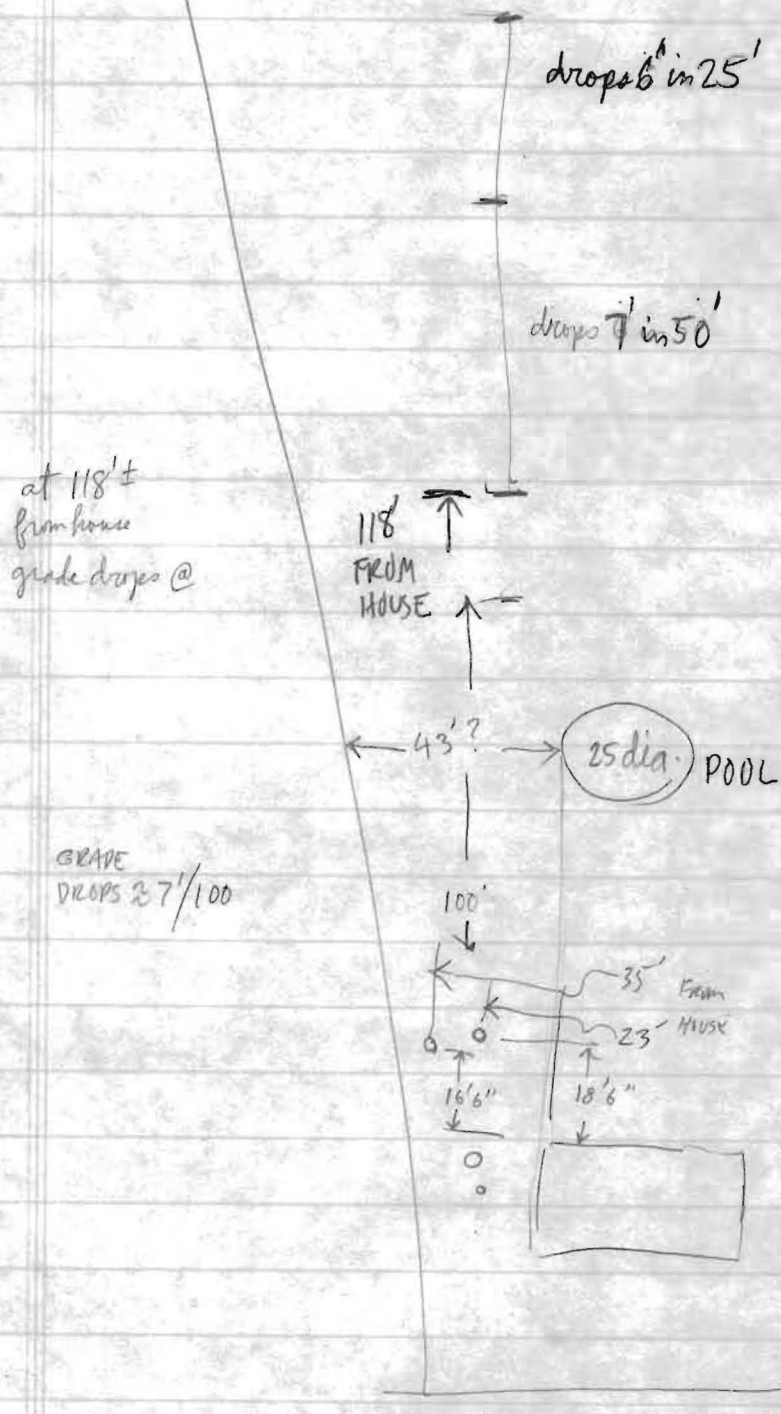
RE: Petition # **BA 07-037V**

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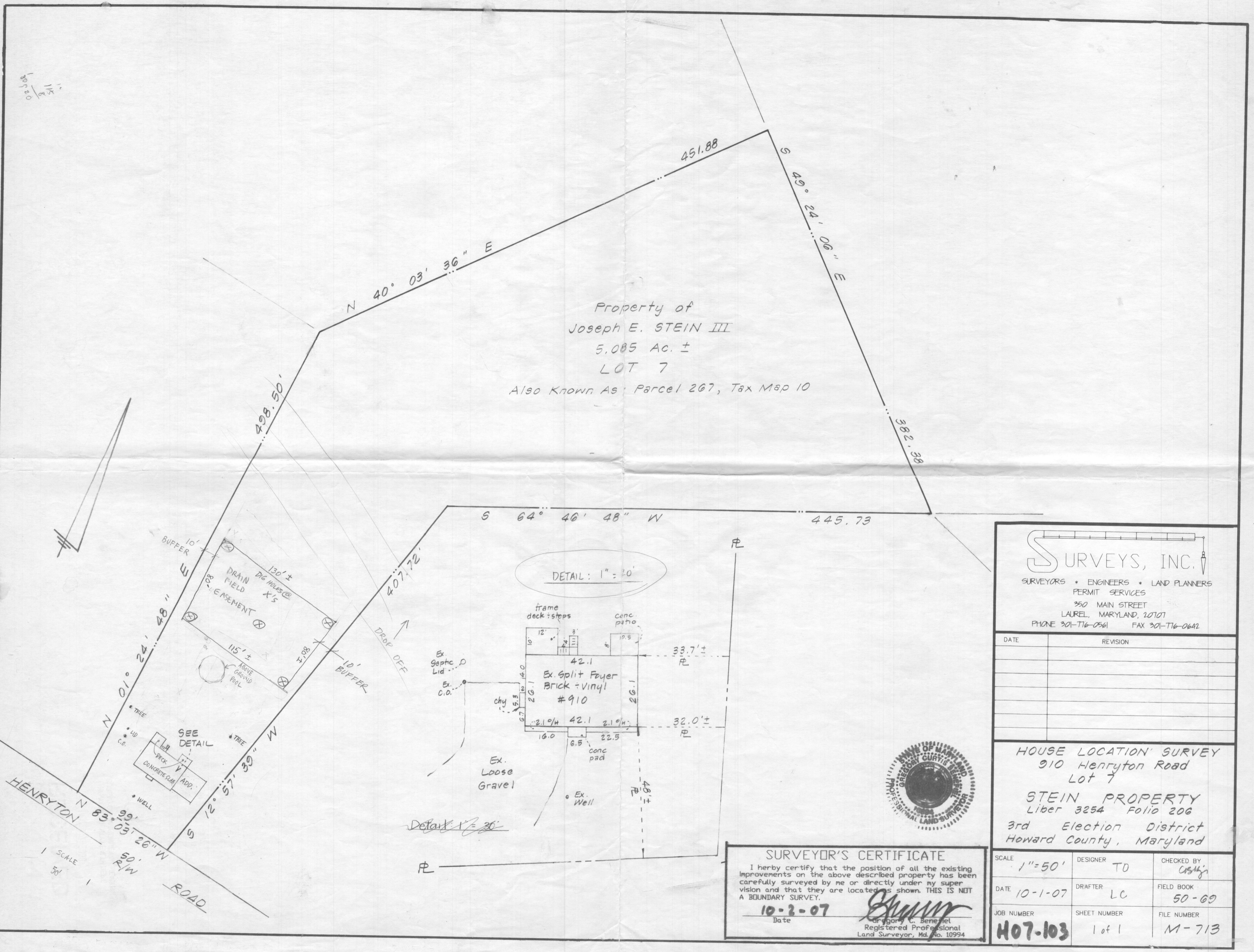
The Department of Health has no objection to the variance request provided that a Perc Certification Plan is developed that demonstrates that the site has adequate on-site sewage disposal area. Contact the Health Department at 410 313-1771 for plan requirements.

MJD

APPROXIMATE GRADE CHANGE



80/20  
1/4"



Property of  
Joseph E. STEIN III  
5.085 Ac. ±  
LOT 7  
Also Known As Parcel 267, Tax Map 10

DETAIL: 1" = 20'

Detail: 1" = 20'

**SURVEYS, INC.**

SURVEYORS \* ENGINEERS \* LAND PLANNERS  
PERMIT SERVICES  
350 MAIN STREET  
LAUREL, MARYLAND, 20707  
PHONE 301-716-0561 FAX 301-716-0642

DATE	REVISION

HOUSE LOCATION SURVEY  
910 Henrynton Road  
Lot 7  
STEIN PROPERTY  
Liber 3254 Folio 206  
3rd Election District  
Howard County, Maryland



**SURVEYOR'S CERTIFICATE**  
I hereby certify that the position of all the existing improvements on the above described property has been carefully surveyed by me or directly under my supervision and that they are located as shown. THIS IS NOT A BOUNDARY SURVEY.  
Date 10-2-07  
Gregory C. Benefiel  
Registered Professional  
Land Surveyor, Md. No. 10994

SCALE 1" = 50'	DESIGNER TD	CHECKED BY C. Benefiel
DATE 10-1-07	DRAFTER LC	FIELD BOOK 50-69
JOB NUMBER H07-103	SHEET NUMBER 1 of 1	FILE NUMBER M-713

HENRYNTON ROAD  
N 83° 03' 26" W  
99'  
50' R/W

SCALE  
1" = 50'

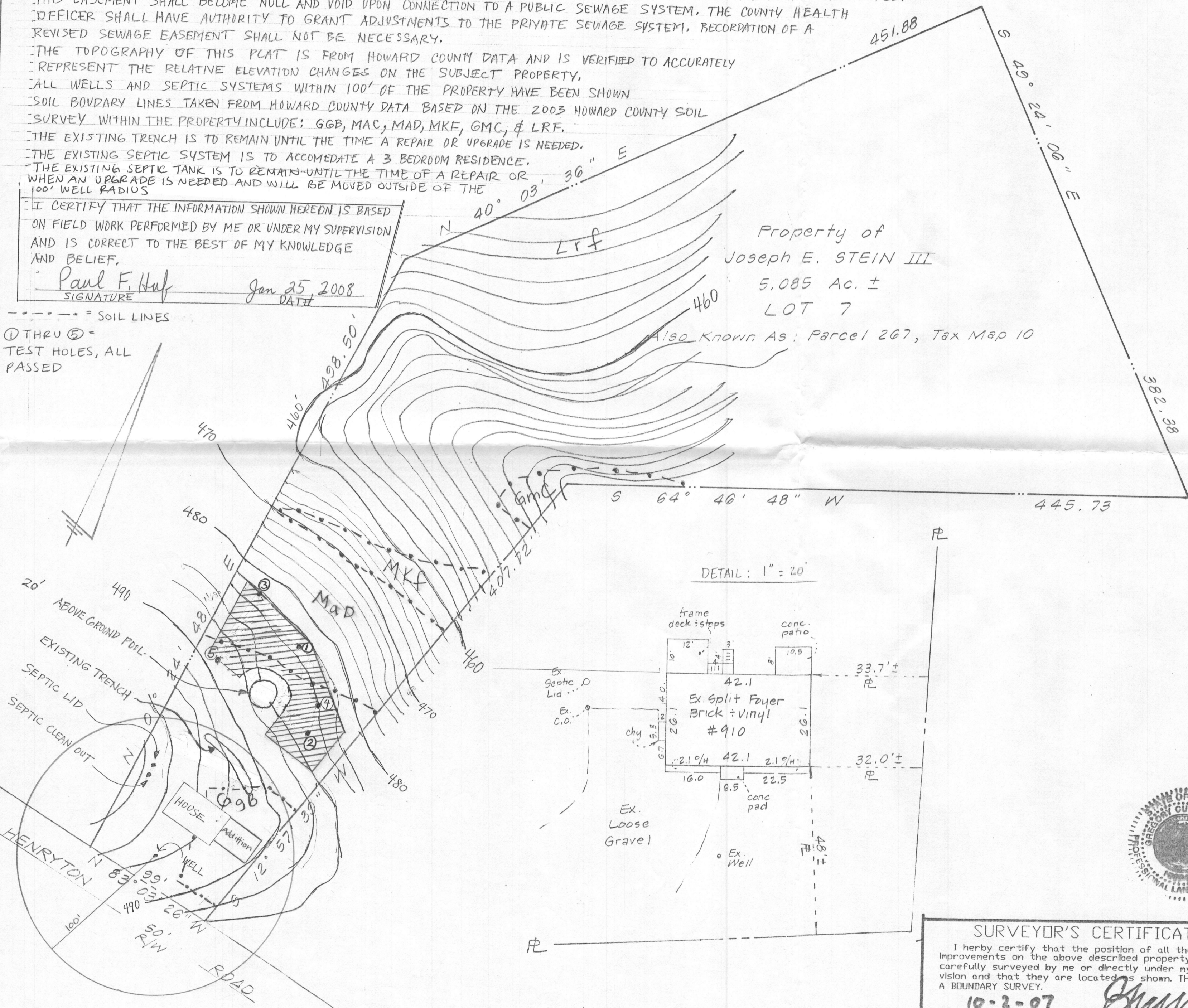
PERCOLATION CERTIFICATION PLAN — PLAT NUMBER: PC528442  
 910 HENRYTON ROAD, MARRIOTTSVILLE, MD. 21104  
 THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.  
 ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE SYSTEM. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.  
 THE TOPOGRAPHY OF THIS PLAT IS FROM HOWARD COUNTY DATA AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON THE SUBJECT PROPERTY.  
 ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY HAVE BEEN SHOWN  
 SOIL BOUNDARY LINES TAKEN FROM HOWARD COUNTY DATA BASED ON THE 2003 HOWARD COUNTY SOIL SURVEY WITHIN THE PROPERTY INCLUDE: GGB, MAC, MAD, MKE, GMC, & LRF.  
 THE EXISTING TRENCH IS TO REMAIN UNTIL THE TIME A REPAIR OR UPGRADE IS NEEDED.  
 THE EXISTING SEPTIC SYSTEM IS TO ACCOMMODATE A 3 BEDROOM RESIDENCE.  
 THE EXISTING SEPTIC TANK IS TO REMAIN UNTIL THE TIME OF A REPAIR OR UPGRADE IS NEEDED AND WILL BE MOVED OUTSIDE OF THE 100' WELL RADIUS

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF,  
 Paul F. Huff  
 SIGNATURE  
 Jan 25, 2008  
 DATE

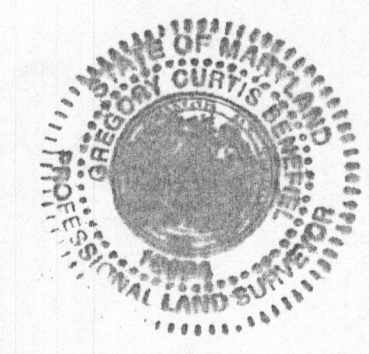
APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS,  
 B. Nyman for Peter Brilensen, MD  
 SIGNATURE HS  
 2/8/2008  
 DATE

--- Soil Lines  
 ① THRU ⑤ = TEST HOLES, ALL PASSED



Property of  
 Joseph E. STEIN III  
 5.085 Ac. ±  
 LOT 7  
 Also Known As: Parcel 267, Tax Map 10

DETAIL: 1" = 20'



**SURVEYS, INC.**  
 SURVEYORS \* ENGINEERS \* LAND PLANNERS  
 PERMIT SERVICES  
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DATE	REVISION

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 Registered Professional  
 Land Surveyor, Md. No. 10994

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JOB NUMBER H07-103	SHEET NUMBER 1 of 1	FILE NUMBER M-713