



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

A/P 532511

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

DATE 1-27-10

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 3 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) JOHN WESLEY FRANK

DAYTIME PHONE \_\_\_\_\_ CELL 410.241.0695 FAX \_\_\_\_\_

MAILING ADDRESS 11785 TRIADOLPHIA ROAD ELICOTT CITY MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT PAUL SILL SILL, ADLOCK & ASSOCIATES, LLC

DAYTIME PHONE 443.325.7682 CELL 443.878.4314 FAX 443.325.7685

MAILING ADDRESS 3300 NORTH RIDGE ROAD, SUITE 110 ELICOTT CITY MD 21043  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME FRANK PROPERTY LOT NO. N/A

PROPERTY ADDRESS TRIADOLPHIA ROAD ELICOTT CITY  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 16 GRID 14 PARCEL(S) 79 PROPOSED LOT SIZE 0.82 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.

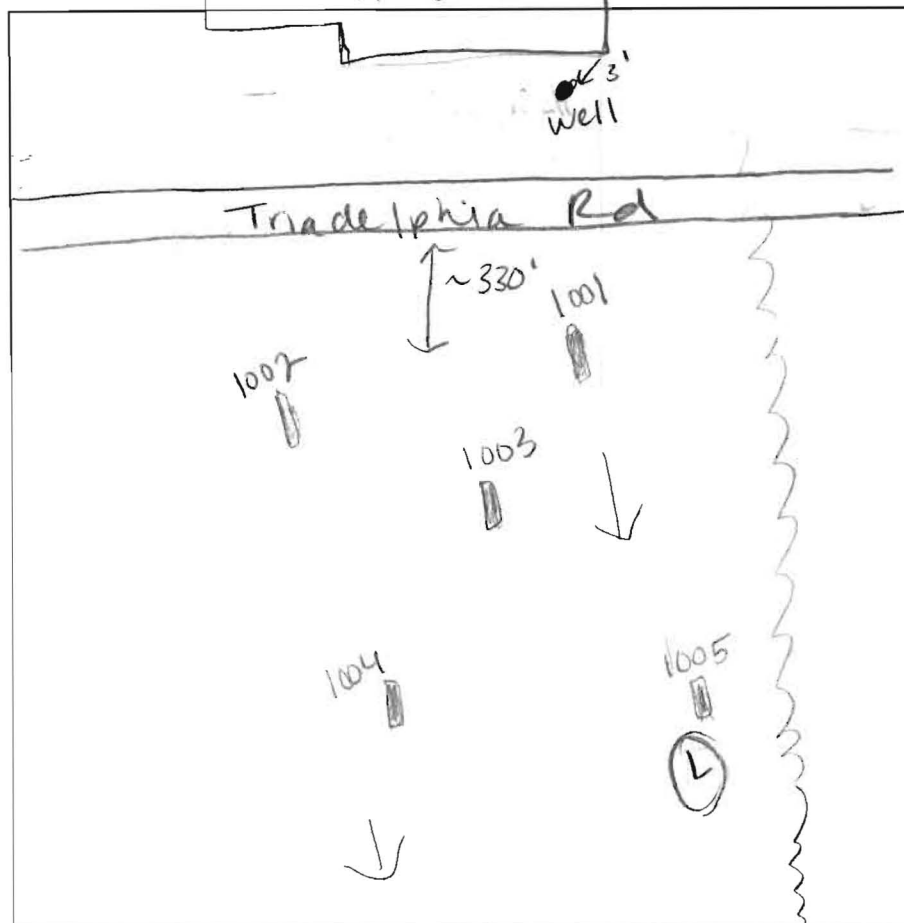
TEST RESULTS WILL BE MAILED TO APPLICANT.

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

# 11750



NOT TO SCALE

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3-24-10	1003	13'	V	15	V A L		P
↓	1005	4.5' / 14'	9:16	9:21	9:31	10	P
	1004	13'	V	15	V A L		P
	1002	3.5' / 11.5'	9:37	9:40	9:43	3	P
	1001	3.5' / 10'	9:53	9:56	10:00	4	P

REMARKS holes consistentSANITARIAN HSBACKHOE Dennis Feaga

OTHERS

TEST HOLES USED IN SDA 5AVG. PERC TIME 5

SQ. FT/BR

TRENCH WIDTH 3INLET DEPTH 3MAX. BOT DEPTH 5.5'-6'EFFECTIVE SW 1.5'-2'

1003

roots dk brn  
e  
dk brn scl2.5' gray brn  
grsl4' brn  
micaceous  
sl  
saproelite13' gray ls  
15% rx

1005

dk brn e  
brn  
channeled  
ls3.5' yellow  
brn grsl  
25%  
channers7.5' yellow  
grsl  
weakly  
cemented rx  
& saproelite  
14' ↓

1004

roots brn e  
brn  
grsl ch3' micaceous  
brn sl  
20% channers8.5' brn  
sl & saproelite  
(Same as  
1005)10' gray ls  
& cemented  
rx  
13' bottom

1002

roots &  
black e 9"  
brn scl  
2msbk 3'  
yellow  
brn sl  
micaceous7' brn sl  
&  
platy saproelite  
&  
brn  
st ls  
hard 11.5'

1001

dk brn e  
brn scl  
2msbk 2'brn sl  
saproelite↓  
yellow brn  
sl saproelite  
25% rx  
HB 10'  
~7.5'



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: March 26<sup>th</sup>, 2010

To: Paul Sill  
Sill, Adcock & Assoc.

From: Heidi Scott  
Development Coordination Section  
Well & Septic Program

RE: PERCOLATION TEST RESULTS  
Frank Property; Triadelphia Rd Parcel 79

Percolation testing was conducted at the above referenced property on March 24<sup>th</sup>, 2010. Results indicate satisfactory soil conditions for onsite wastewater disposal. A total of 5 test holes were dug per staked locations, all passed.

Field data collected is shown on the Percolation Test Worksheets enclosed with this letter. Further review of this project is contingent upon submission of a Percolation Certification Plan.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at (410) 313-6287.

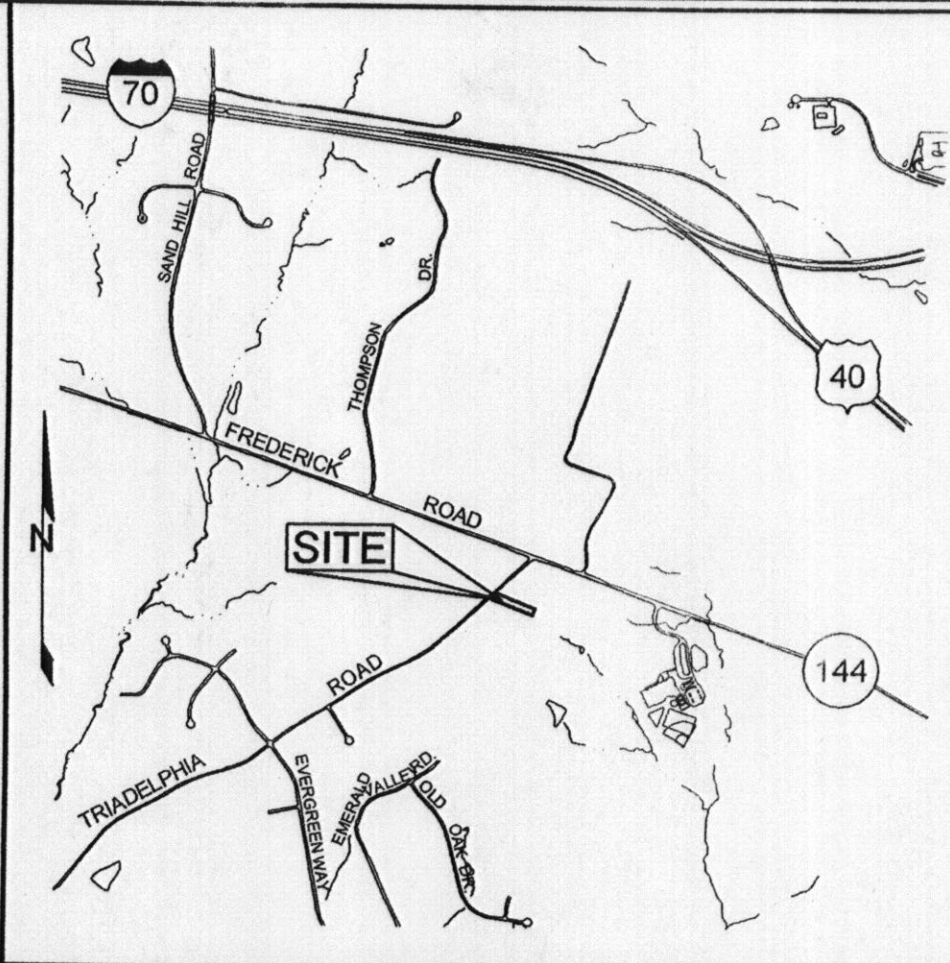
Enclosures  
Cc:  
File



PERC CHART	
HOLE NO.	ELEVATION
1001	545.10
1002	544.80
1003	542.20
1004	537.60
1005	536.20

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	GROUP
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	B
GbC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	B

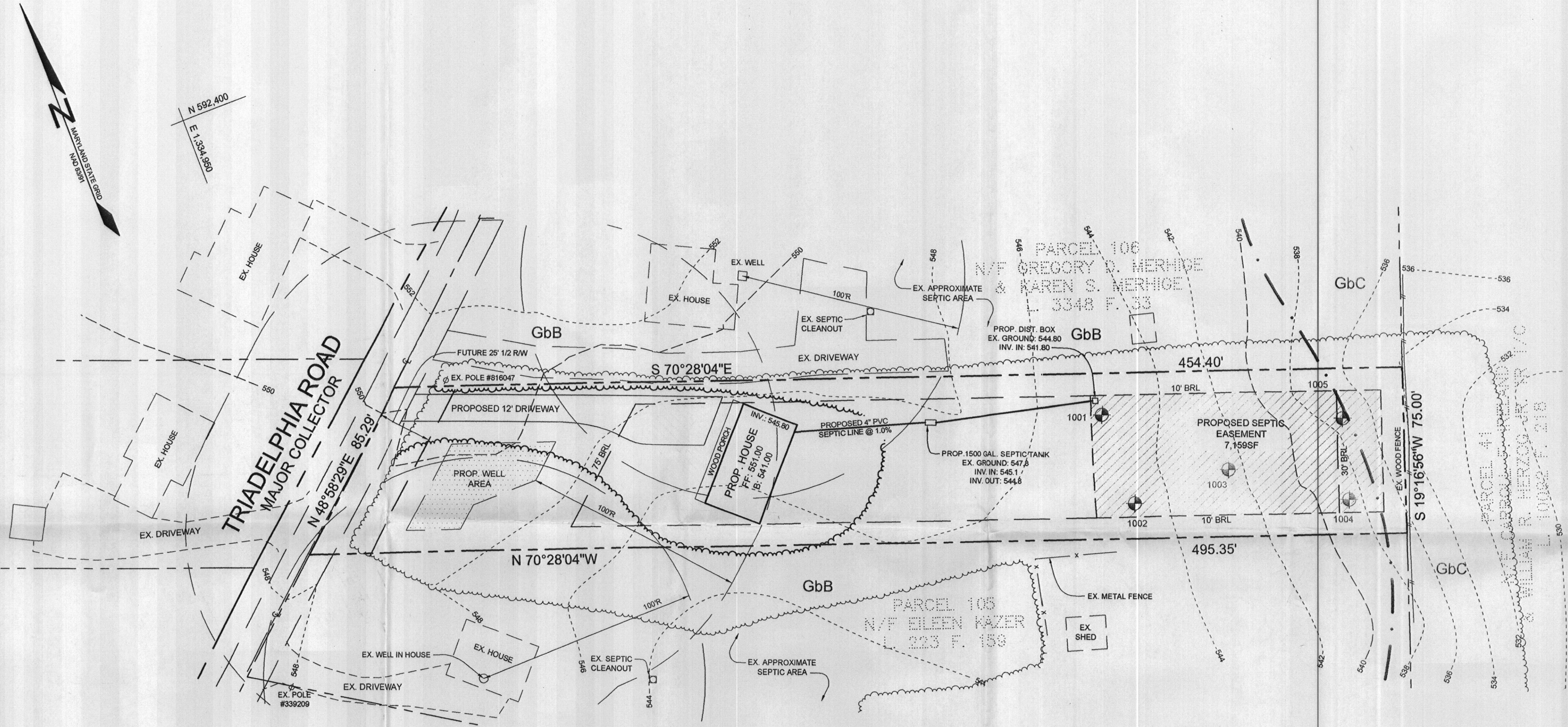
LEGEND	
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	392.3
DIRECTION OF FLOW	→
EXISTING TREELINE	~~~~~
PROPOSED TREELINE	~~~~~
EXISTING PERCOLATION TEST HOLE, PASSED	⊙ 1001
SOIL BOUNDARY	---



VICINITY MAP  
SCALE: 1"=200'

GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN
- TOTAL AREA OF PROPERTY = 0.82 AC±
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. (COMAR TITLE 3, SUBTITLE 8, SECTION 3.805(a)(2)(xx)b).
- THE BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED BY SILL, ADcock & ASSOCIATES, LLC, IN MAY 2010.
- EXISTING TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY SILL, ADcock & ASSOCIATES, LLC, IN JANUARY 2010.
- PROPERTY ADDRESS: TRIADELPHIA ROAD
- DEED REFERENCE: LIBER 7824, FOLIO 91
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- DEED HISTORY:
  - 1950 TO 2006 - BURGONYNE J. FRANK
  - 2006 TO PRESENT - JOHN WESLEY FRANK
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
- THE WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED IN JANUARY, 2010. THE PURPOSE OF THIS PLAN IS TO ESTABLISH A SEPTIC EASEMENT SUFFICIENT IN SIZE FOR ONE SYSTEM AND TWO REPAIRS FOR A NEW HOUSE.



PLAN VIEW  
SCALE: 1"=30'

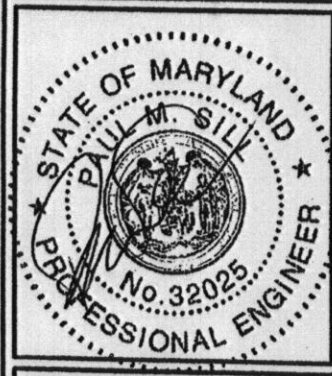
OWNER/DEVELOPER

JOHN WESLY FRANK  
11785 TRIADELPHIA ROAD  
ELLCOTT CITY, MARYLAND 21042

PERCOLATION CERTIFICATION PLAN  
FRANK PROPERTY

TAX MAP 16 GRID 14  
3RD ELECTION DISTRICT

PARCEL 79  
HOWARD COUNTY, MARYLAND



**Sill · Adcock & Associates · LLC**  
Engineers · Surveyors · Planners  
3300 North Ridge Road, Suite 160  
Ellicott City, Maryland 21043  
Phone: 443.325.7682 Fax: 443.325.7685  
Email: info@saalland.com

DESIGN BY: PS  
DRAWN BY: PS  
CHECKED BY: PS  
SCALE: AS SHOWN  
DATE: JUNE 09, 2010  
PROJECT #: 09-067  
SHEET #: 1 of 1

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2011

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Signature of Peter Bidelson 6/23/2010  
COUNTY HEALTH OFFICER DATE  
HOWARD COUNTY HEALTH DEPARTMENT