

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 528482

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

DATE 2/5/08

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 5 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) DAWN COOKE

DAYTIME PHONE 443-277-3616 CELL 443-277-3616 FAX 410-480-4299

MAILING ADDRESS 10165 Green Clover Drive Ellicott City, MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT DICK DOHLER

\*DAYTIME PHONE 410-480-4244 CELL 443-277-3616 FAX 410-480-4299

MAILING ADDRESS 10165 Green Clover Drive Ellicott City, MD 21042  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Cooke Forsythe LLC LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 13400 Forsythe Road Sykesville MD 21784  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 4 GRID 20 PARCEL(S) 45 PROPOSED LOT SIZE 0.1 acres

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.

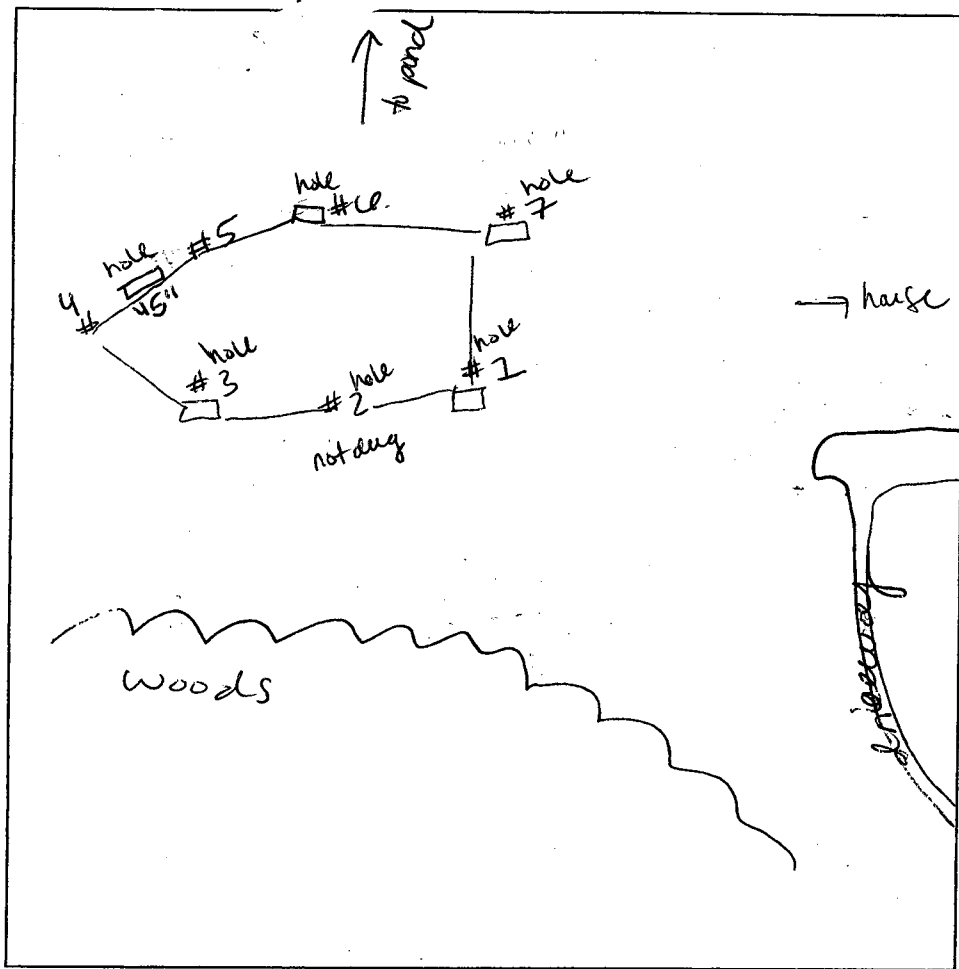
Richard Dohler  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

6  
4' brn l roots  
dk brn sel 35% channers few boulders  
4.8' brn fsel 10% stones 35% channers  
8' } brn st+fsel  
12' HB

5  
3' dk brn l  
dk brn sel 3sbk  
orange brn sel dense 2csbk gravelly  
5.2' brn sel 20% channers weakly cemented rx  
6.5' chfsel 10% stones saprolite  
14'

3  
3' dk brn l roots  
brn sel 2csbk 30% channers  
5.8' chsel 15% stones  
13' } brn fsel (similar to #6)



1  
dk brn l roots .5'  
dense org brn sel 20% channers 3.5'  
3csbk  
chbrn sel }  
brn chfsel }  
stsel 10' few boulders

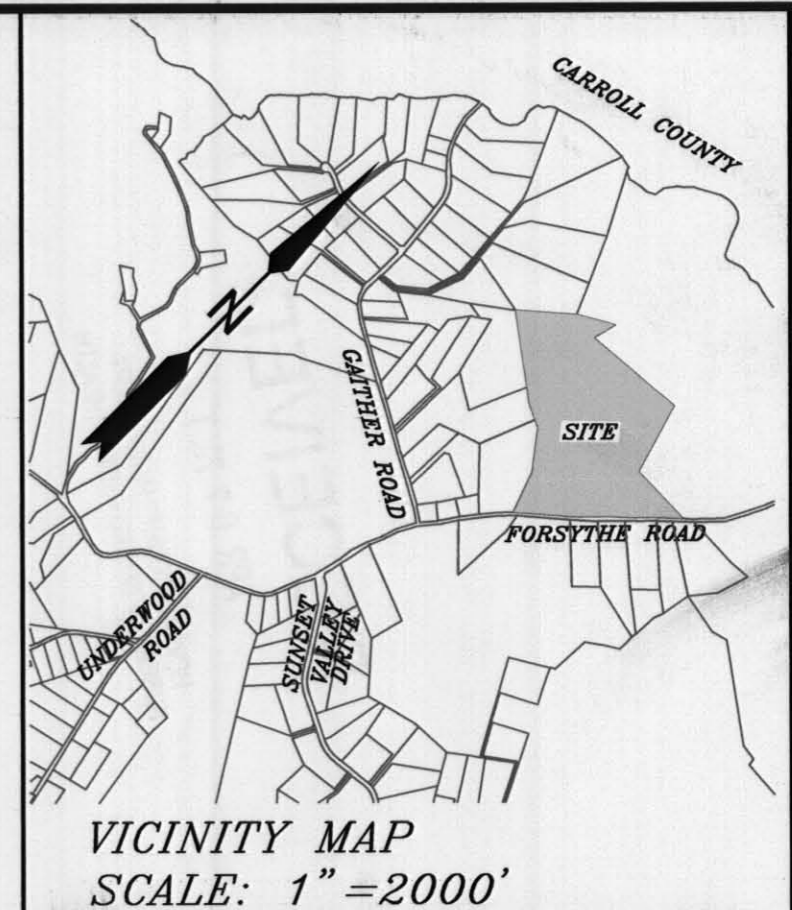
7  
dk brn l  
dk brn sel gravelly 3.5'  
brn sel 2csbk 5'  
grayish vfsel  
saprolite }  
yellow br n }  
v fsel 10'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-19-08	6	5' 1/2'	9:37	9:47	10:00	19	P
	"5"	6' 1/4'	9:40	9:44	9:51	7	P
	3	6' 1/3'	9:55	9:57	10:03	6	P
	1	6.5' 1/4'	10:09	10:12	10:10	4	P
	7	5.8' 1/6'	10:20	10:20	10:33	7	P

REMARKS (#5 - dug inbetween #4 + #5) all other holes dug as stated  
 SANITARIAN HS BACKHOE Mike Johnson OTHERS DICK Dohler  
 TEST HOLES USED IN SDA 5 AVG. PERC TIME 8min SQ. FT/BR  
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 8 EFFECTIVE SW 2'

**NOTES:**

1. --- DESIGNATES LIMIT OF TOPOGRAPHY THAT WAS FIELD-RUN BY SHANABERGER & LANE IN JANUARY 2008 AROUND PROPOSED NEW CONSTRUCTION AND SEWAGE EASEMENT
2. TOPOGRAPHY SHOWN ON REMAINDER OF PROPERTY IS AERIAL TOPOGRAPHY FROM AVAILABLE HOWARD COUNTY RECORDS
3. [Hatched Area] 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
4. ● DESIGNATES EXISTING WELL LOCATION  
 ○ DESIGNATES SOIL TYPE BOUNDARY  
 ○ DESIGNATES TREES OR TREELINE  
 ○ DESIGNATES SUCCESSFUL PERC TEST
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
6. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE DEEDS OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.
7. ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN SHOWN
8. ALL EXISTING AND PROPOSED WELLS, SEPTIC SYSTEMS, AND SEWERAGE DISPOSAL SYSTEMS LOCATED WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWERAGE DISPOSAL SYSTEMS HAVE BEEN SHOWN.
9. [Stippled Area] THIS AREA DESIGNATES STEEP SLOPES OF 25% AND GREATER.



**SOIL TYPES**

(GgB)	GLENELC LOAM
(GgC)	GLENELC LOAM
(GmB)	GLENVILLE SILT LOAM
(GmC)	GLENVILLE SILT LOAM
(GnB)	GLENVILLE-BAILE SILT LOAM
(GoB)	GLENVILLE-CODORUS SILT LOAM
(MaD)	MANOR LOAM
(McD)	MANOR LOAM
(MkF)	MANOR LOAM



**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD.  
 SUITE 201  
 ELLICOTT CITY, MD. 21043  
 PHONE: 410-461-9563  
 FAX: 410-461-9693

**PERC CERTIFICATION**  
 I CERTIFY THAT THE LOCATIONS SHOWN (●) HEREON ARE BASED ON FIELD-LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*Richard D. Harty Jr.* 4/7/08  
 RICHARD D. HARTY JR. DATE  
 PROFESSIONAL LAND SURVEYOR #21301

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT

*B. Wilson for Peter Billensen* 5/2/2008  
 COUNTY HEALTH OFFICER DATE

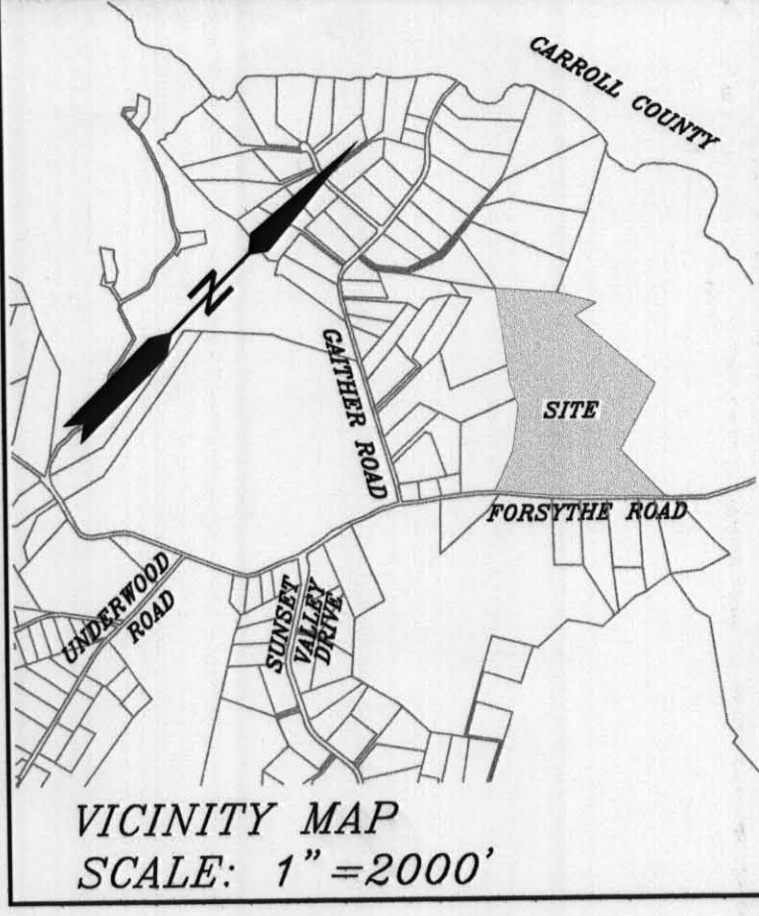
**OWNER: COOKE FORSYTHE LLC**  
 13400 FORSYTHE ROAD  
 SYKESVILLE, MD 21784

**BUILDER: DOUBLE D HOMES**  
 10165 GREEN CLOVER DRIVE  
 ELLICOTT CITY, MD 21042  
 CONTACT: DICK DOHLER  
 PHONE# 443-277-3616

**PERCOLATION CERTIFICATION PLAN**  
 PERCOLATION TESTING # A528482  
 COOKE FORSYTHE LLC PROPERTY  
 13400 FORSYTHE ROAD  
 DEED REF: L.7352/F.193  
 TAX MAP 4 GRID 20 PARCEL 45  
 3RD ELECTION DIST. HOWARD COUNTY, MD.  
 PURPOSE: TO OBTAIN BUILDING PERMIT  
 SCALE: 1"= 100' APRIL 7, 2008

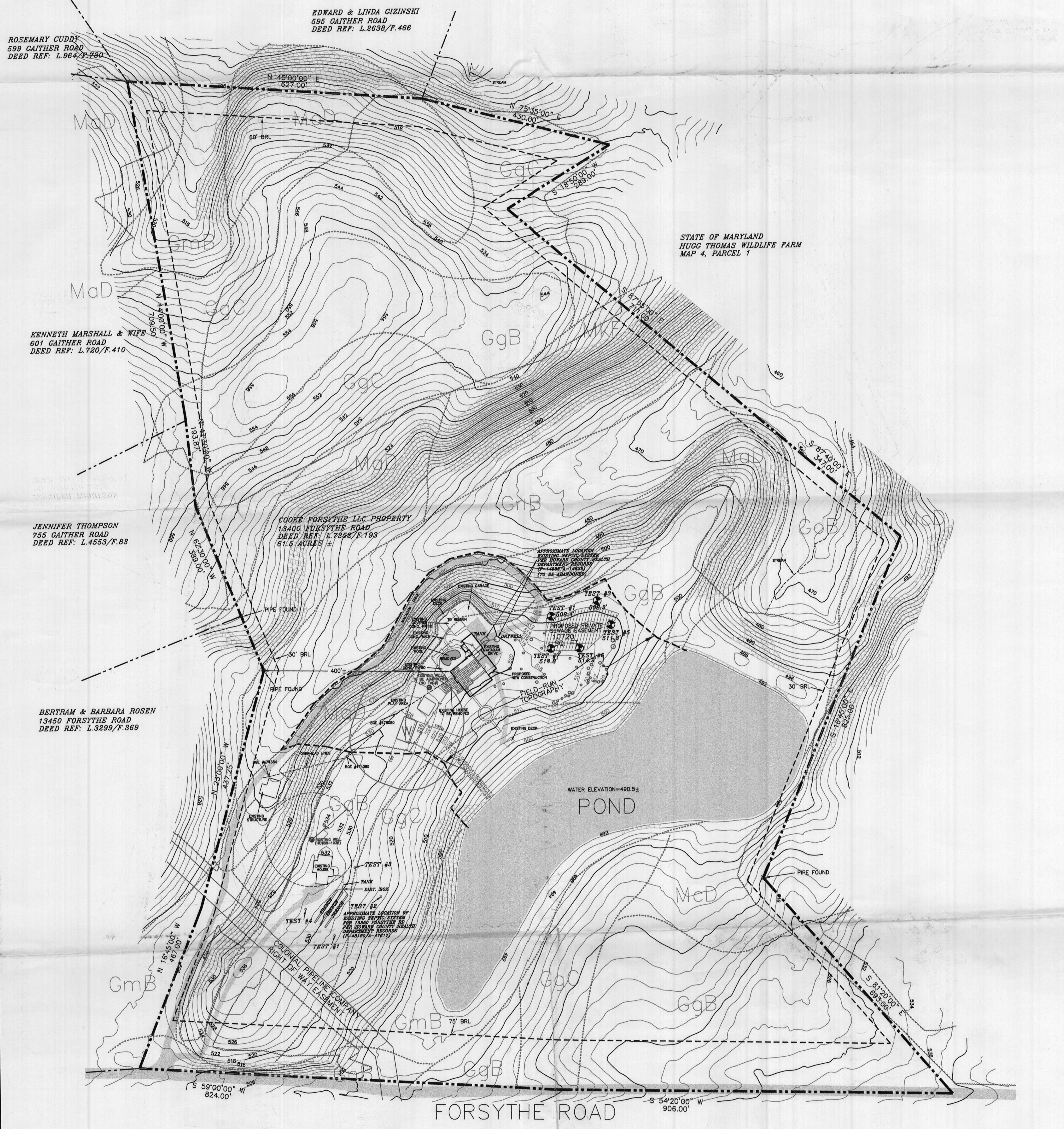
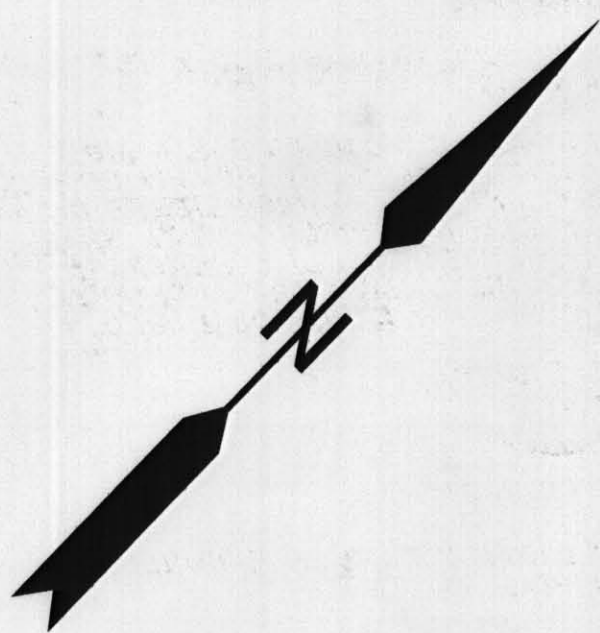
**NOTES:**

1. --- DESIGNATES LIMIT OF TOPOGRAPHY THAT WAS FIELD-RUN BY SHANABERGER & LANE IN JANUARY 2008 AROUND PROPOSED NEW CONSTRUCTION AND SEWAGE EASEMENT
2. TOPOGRAPHY SHOWN ON REMAINDER OF PROPERTY IS AERIAL TOPOGRAPHY FROM AVAILABLE HOWARD COUNTY RECORDS
3. [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. 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
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 --- DESIGNATES SOIL TYPE BOUNDARY  
 --- DESIGNATES TREES OR TREELINE  
 ○ DESIGNATES SUCCESSFUL PERC TEST
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN
6. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM AVAILABLE DEEDS OF RECORD. ACREAGE SHOWN HEREON IS APPROXIMATE.
7. ALL EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARIES HAVE BEEN SHOWN
8. ALL EXISTING AND PROPOSED WELLS, SEPTIC SYSTEMS, AND SEWERAGE DISPOSAL SYSTEMS LOCATED WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWERAGE DISPOSAL SYSTEMS HAVE BEEN SHOWN.
9. [Hatched Area] THIS AREA DESIGNATES STEEP SLOPES OF 25% AND GREATER.
10. [W] DESIGNATES PROPOSED 1500 SQ. FT. WELL AREA FOR REPLACEMENT WELL
11. THE EXISTING WELL FOR 13400 FORSYTHE RD. SHALL BE PROPERLY ABANDONED AND DOCUMENTATION SENT TO THE HEALTH DEPARTMENT



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*Scott Shanaberger*  
 G SCOTT SHANABERGER  
 PROFESSIONAL LAND SURVEYOR #10849  
 DATE: 11/24/2008

APPROVED: *B. Wilson*  
 COUNTY HEALTH OFFICER  
 DATE: 11/24/2008

OWNER: COOKE FORSYTHE LLC  
 13400 FORSYTHE ROAD  
 SYKESVILLE, MD 21784  
 BUILDER: DOUBLE D HOMES  
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**REVISED PERCOLATION CERTIFICATION PLAN**  
 PERCOLATION TESTING # A528482

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 SCALE: 1" = 100' NOVEMBER 10, 2008

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