

# APPLICATION

PERCOLATION TESTING

A 515042

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 4-13-01

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 3.0 acres +/- TYPE BLDG. \_\_\_\_\_  
(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.

Natalie Ziegler  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

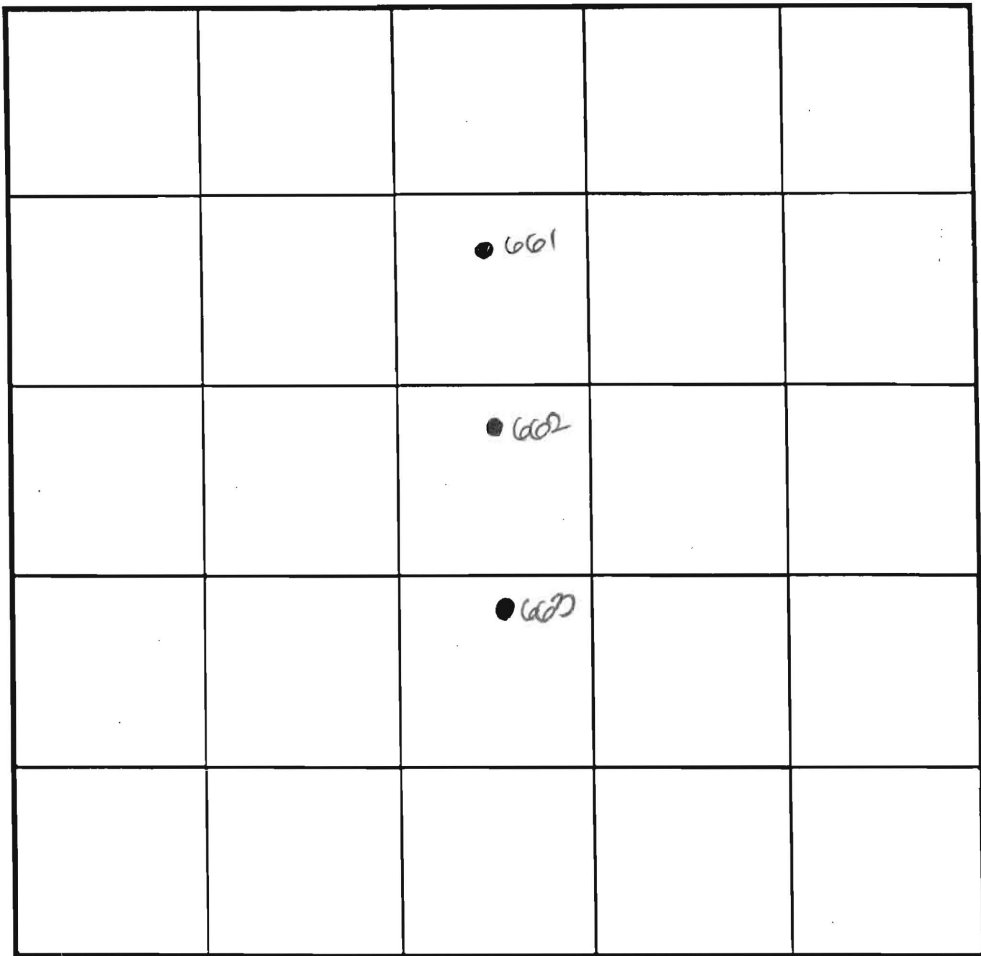
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

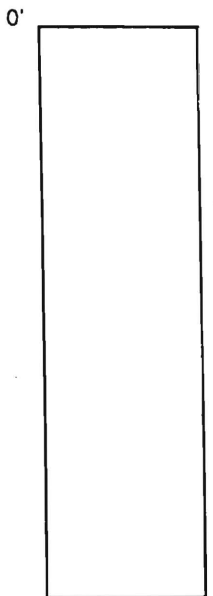
COUNTY #

SOIL PROFILE

0' 603  
 1" topsoil  
 org bn  
 cl lm  
 4-4.5  
 med  
 org bn  
 sa mica  
 lm  
 5-10%  
 rock  
 14'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0' 602/601  
 1" topsoil  
 org bn  
 cl lm  
 4-4.5  
 1+  
 org bn  
 sa mica  
 lm  
 5-10%  
 rock  
 14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-29-01	603	5.5'S	11:49	11:50 <sub>3</sub>	11:50 <sub>3</sub>	11:52	2
		14.0'D	Visual	-see	profile		OK
	602	5.5'S	12:00 <sub>3</sub>	12:01 <sub>3</sub>	12:01 <sub>3</sub>	12:03	2
		14.0'D	Visual	-see	profile		OK
	601	6.0'S	12:09	12:10 <sub>3</sub>	12:10 <sub>3</sub>	12:12	2
		14.0'D	Visual	-see	profile		OK

REMARKS holes tested as staked

TYPE OF SOIL \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,  
 TESTED BY DKC APPROVABLE HOLES MUST HAVE 8  
 TRENCH DESIGN DATA: GROUNDWATER TO BOTTOM OF  
 INLET DEPTH \_\_\_\_\_ PROPOSED SEPTIC SYSTEM  
 SO PRESENT M. Johnson & crew  
 TRENCH WIDTH \_\_\_\_\_  
 O. FT/BEDROOM \_\_\_\_\_

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DISTRICT \_\_\_\_\_

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AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 310 acres +/- TYPE BLDG. \_\_\_\_\_  
(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.

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DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

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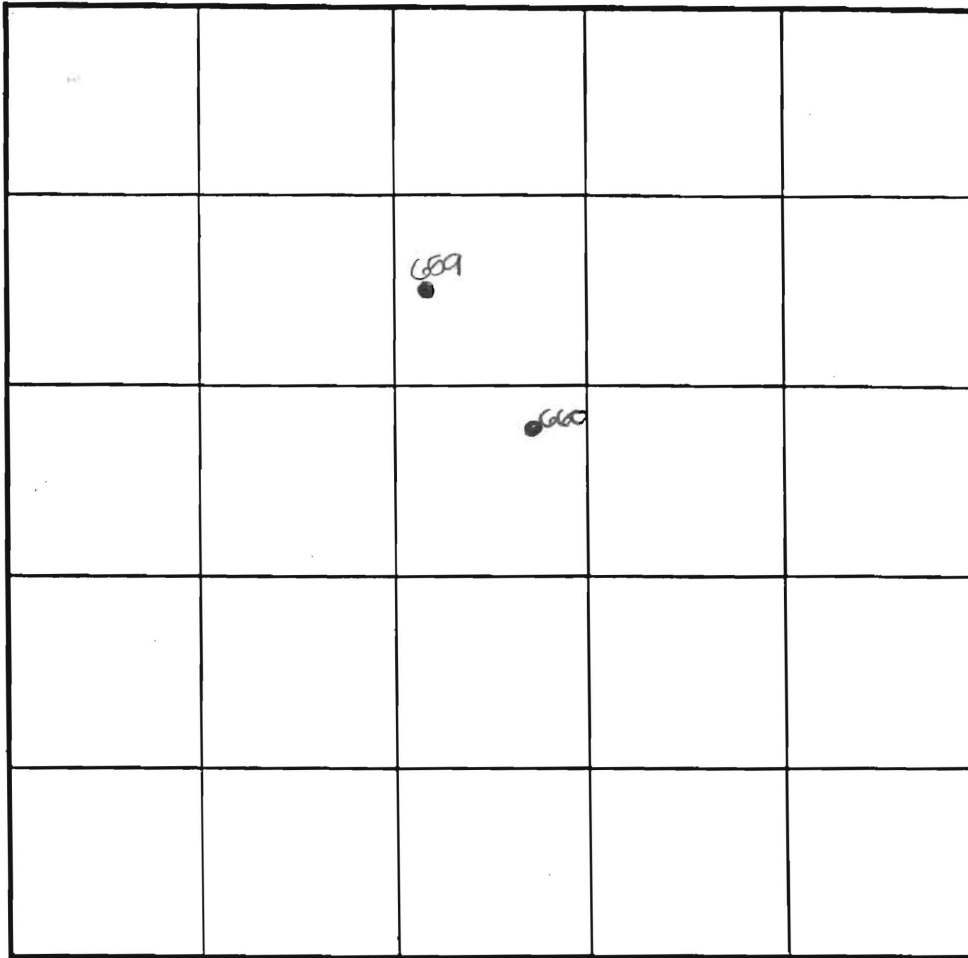
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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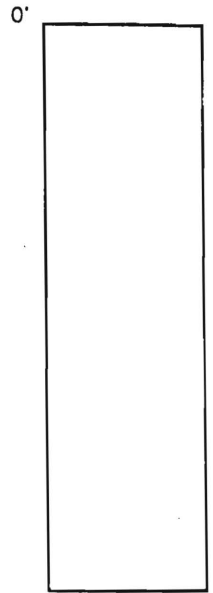
COUNTY #

SOIL PROFILE

0' 660  
 1' topsoil  
 org bn  
 a/bm  
 3' med  
 org bn  
 sa mica  
 Lm  
 5-10%  
 rock  
 14'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-29-01	660	5.5'S	12:57 <sub>3</sub>	12:58 <sub>3</sub>	12:58 <sub>3</sub>	1:00 <sub>3</sub>	2
		14.0'D	visual - see profile				OK
	659	4.5'D	refused				FAIL

REMARKS holes tested as staked

TYPE OF SOIL \_\_\_\_\_ DUE TO DROUGHT CONDITIONS,

TESTED BY DKE APPROVABLE HOLES MUST HAVE 8

TRENCH DESIGN DATA: AVERAGE FEET FROM OBSERVED

INLET DEPTH \_\_\_\_\_ MAXI GROUNDWATER TO BOTTOM OF

PROPOSED SEPTIC SYSTEM \_\_\_\_\_ INCH WIDTH \_\_\_\_\_

NT M. Johnson & crew

ROOM \_\_\_\_\_

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TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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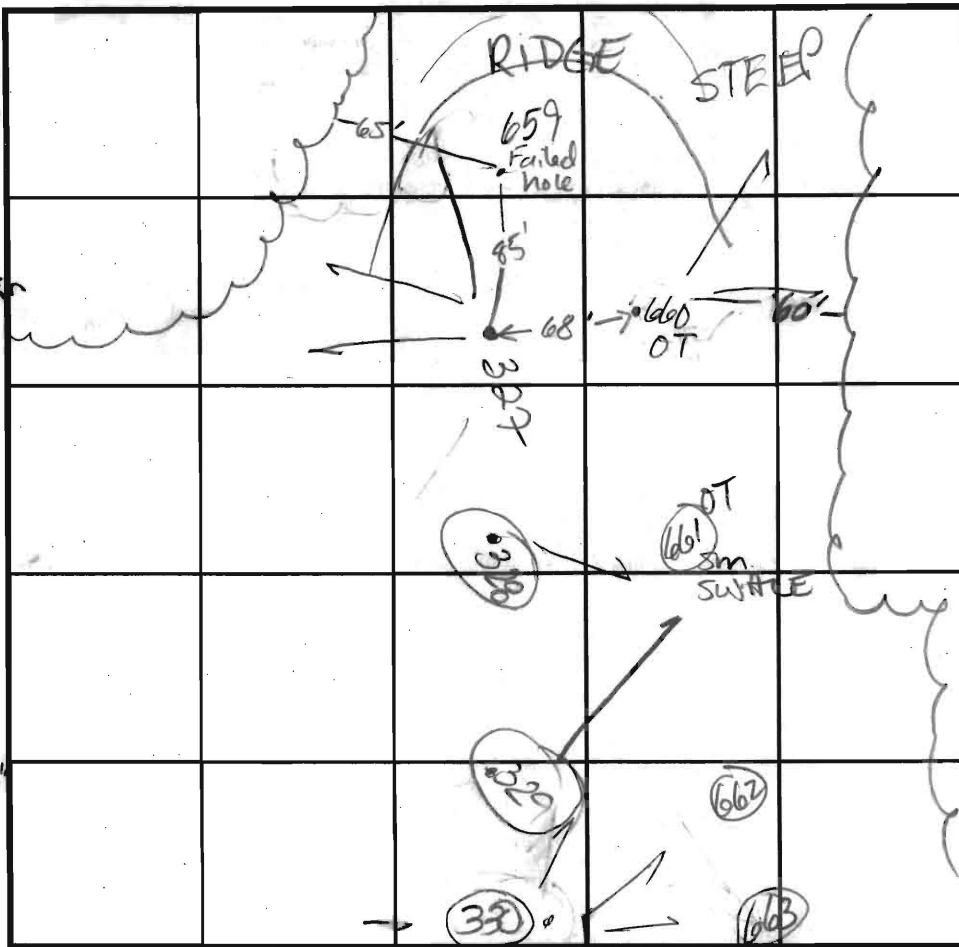
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (327)  
 Topsoil 3-4"  
 DK brn CL Lm  
 2 1/2' Micaceous  
 Sal m  
 brn tan beige  
 Frag 25-35%  
 Bottom



SOIL PROFILE

0' (330)  
 3-4" T.S.  
 DK brn tan  
 3-4" CL Lm  
 H beige H brn  
 Sa Lm  
 10-15% Frag  
 Bottom

(328)  
 T.S. 3-4"  
 org brn CL Lm

4 1/2' off white tan brn beige micaceous Si Lm 5-70% Frag Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(329)  
 T.S.  
 Brn DK Brn CL Lm

4-6" beige tan white Sa Loam Frag < 5% Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-31-01	327	5'2" S	1:29 <sup>30</sup>	1:31 <sup>30</sup>	1:31 <sup>30</sup>	1:32	1 min
		11" D	1:32 <sup>00</sup>	1:34	1:34	1:36	2 min PASS
	P 328	5'5" S	12:56	12:57 <sup>30</sup>	12:57 <sup>30</sup>	12:59 <sup>30</sup>	2 min
		14" D	1:01 <sup>20</sup>	1:02 <sup>30</sup>	1:02 <sup>30</sup>	1:04 <sup>30</sup>	2 min PASS
	P 329	5'8" S	12:55	1:05	1:05	1:22	7 min
		13" D					PASS
	P 330	5'4" S	1:19	1:21	1:21	1:23	2 min
		14" D					PASS

REMARKS: HOLES PER PLAN

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: Goedeking ALSO PRESENT: Chuck C, Mike J crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: \_\_\_\_\_ TRENCH WIDTH: \_\_\_\_\_

INLET DEPTH: 13 1/2" MAXIMUM BOTTOM DEPTH: \_\_\_\_\_ SQ. FT./BEDROOM: \_\_\_\_\_





**NOTES:**

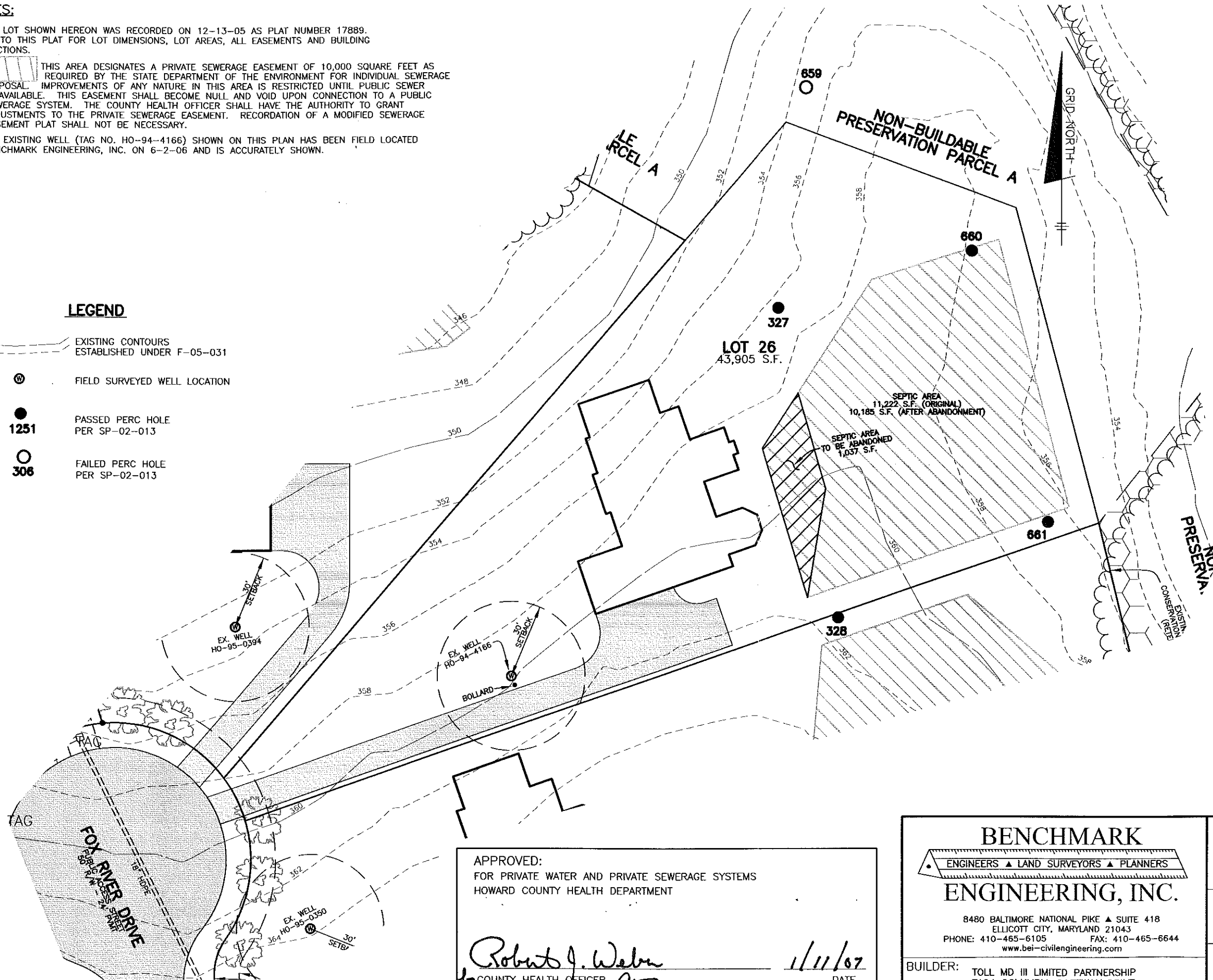
1. THE LOT SHOWN HEREON WAS RECORDED ON 12-13-05 AS PLAT NUMBER 17889. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.

2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

3. THE EXISTING WELL (TAG NO. HO-94-4166) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 6-2-06 AND IS ACCURATELY SHOWN.

**LEGEND**

-  EXISTING CONTOURS ESTABLISHED UNDER F-05-031
-  FIELD SURVEYED WELL LOCATION
-  PASSED PERC HOLE PER SP-02-013
-  FAILED PERC HOLE PER SP-02-013



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

*Robert J. Weber*  
COUNTY HEALTH OFFICER *CR*

1/11/07  
DATE

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644  
www.bei-civilengineering.com

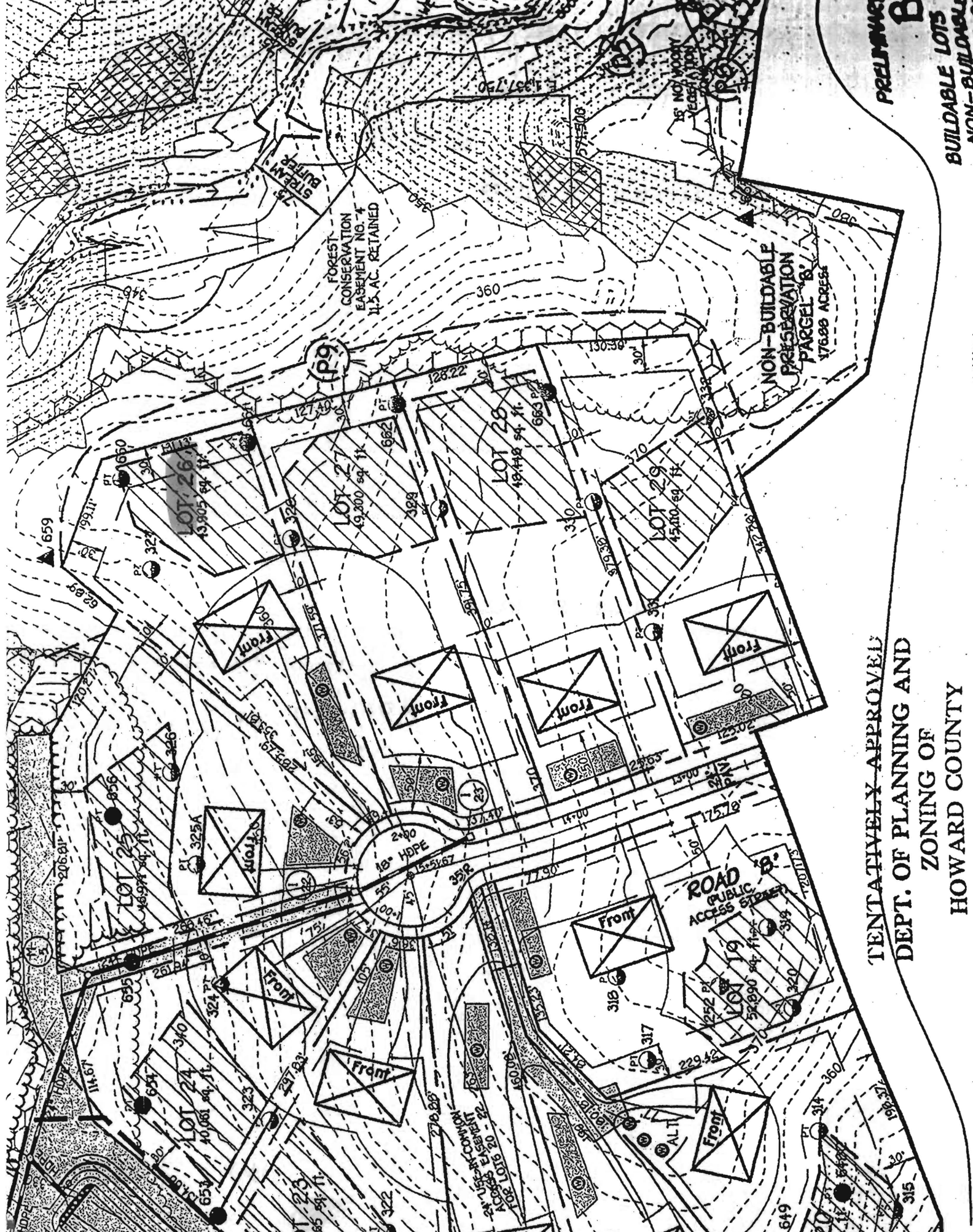
**HOMEWOOD CROSSING**  
**LOT 26**

11538 FOX RIVER DRIVE  
TAX MAP 29, GRID 9 - PARCEL 28  
3rd ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

BUILDER: TOLL MD III LIMITED PARTNERSHIP  
7164 COLUMBIA GATEWAY DRIVE  
SUITE 230  
COLUMBIA, MARYLAND 21046  
410-872-9105

REVISED  
PERCOLATION CERTIFICATION PLAN

DATE:	JANUARY 5, 2007	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1



TENTATIVELY APPROVED  
 DEPT. OF PLANNING AND  
 ZONING OF  
 HOWARD COUNTY

PRELIMINARY  
 BUILDABLE LOTS 1  
 NON-BUILDABLE  
 UN-BU