

# APPLICATION

## PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 410-313-2640

A \_\_\_\_\_  
P \_\_\_\_\_  
DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

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 Robert T. Matthews Revocable Trust  
ADDRESS c/o Cloverfield/Pfefferkorn, LLC, 10705 Charter Drive, Suite 320, Columbia, MD 21044 PHONE 410-997-7400

AGENT OR PROSPECTIVE BUYER Heritage Land Development  
ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Matthews Property LOT NO. 9

ROAD AND DESCRIPTION \_\_\_\_\_  
2400 Pfefferkorn Road, West Friendship, MD 21794

TAX MAP NO. 15 PARCEL # 4

SIZE OF LOT 1 acre TYPE OF BLDG. SFD  
(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.

\_\_\_\_\_  
(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

A/P 8067

3' dark red CLM

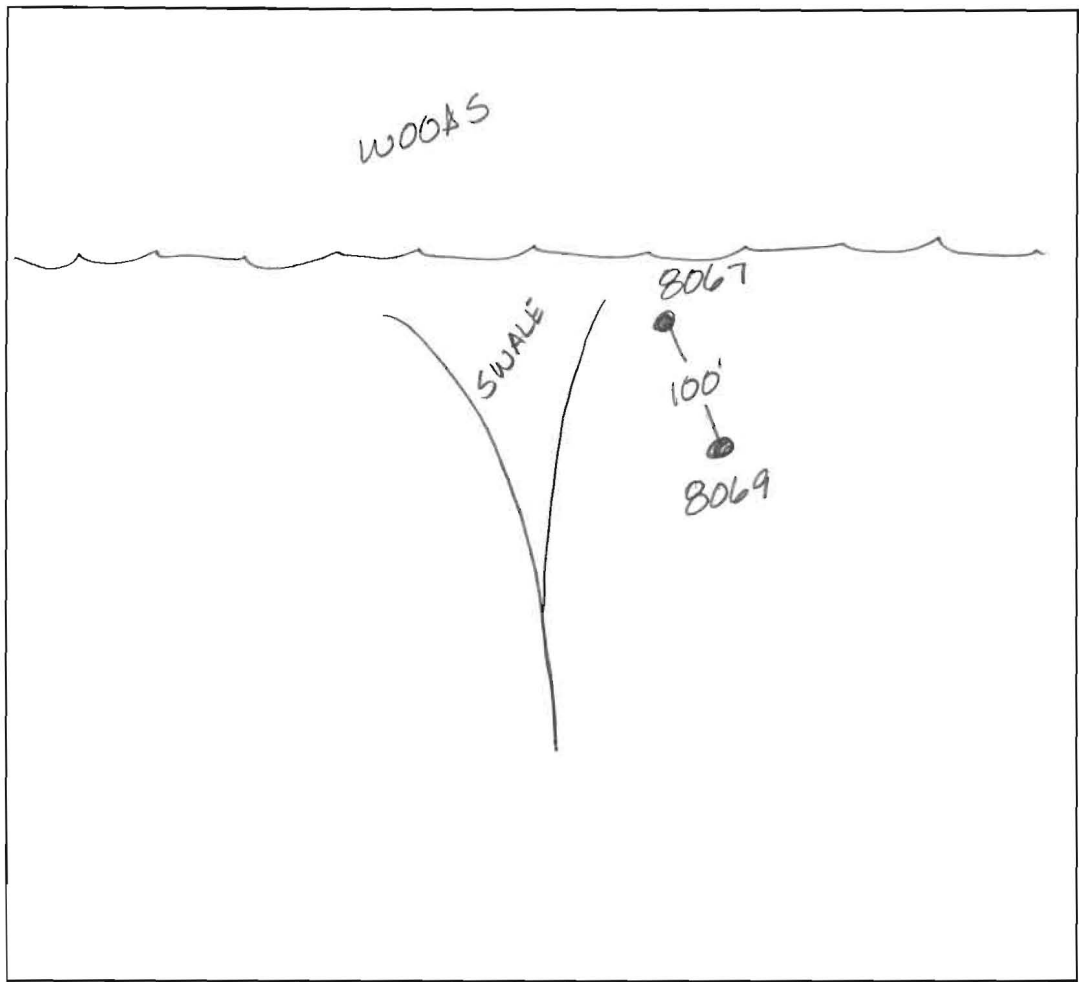
8' red brn Salm

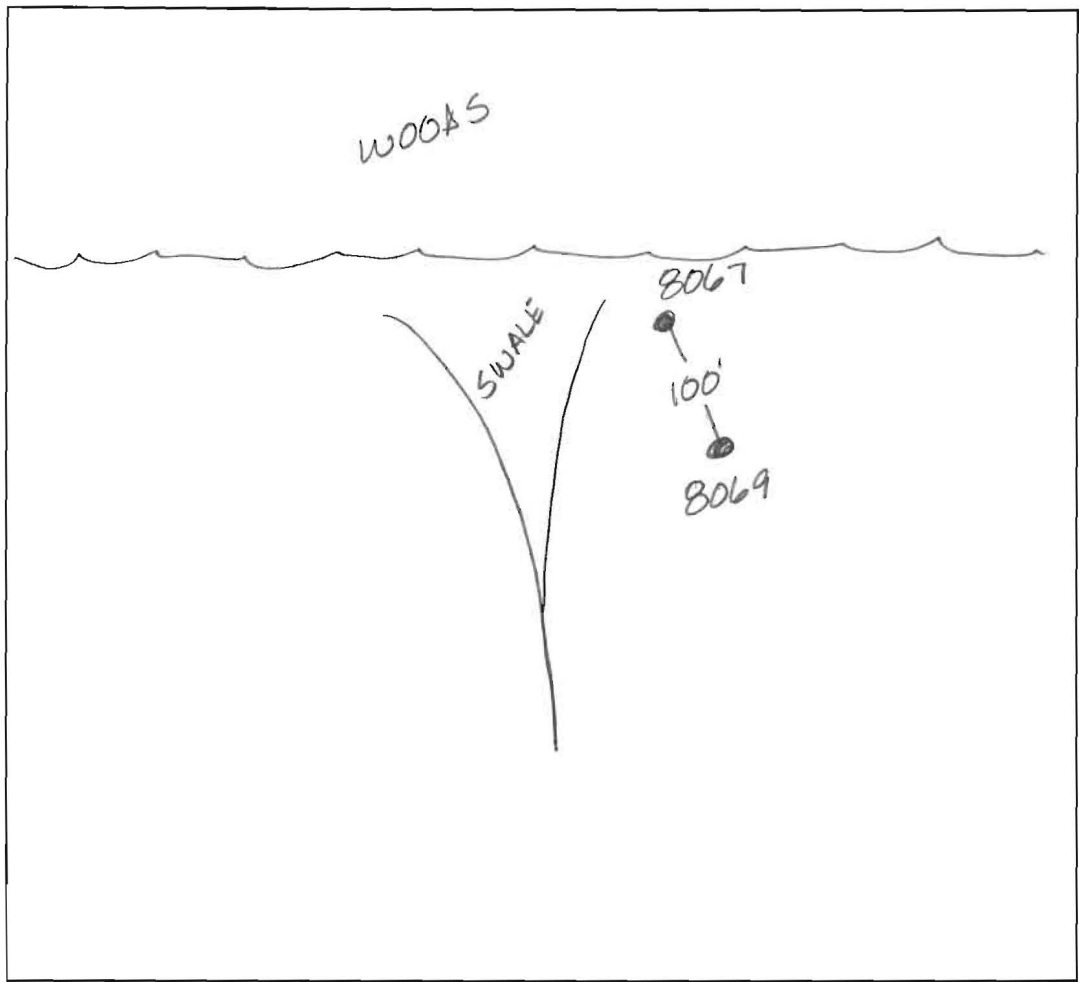
14' beigh Salm 10% Rx

8069

3 1/2' or brn CLM

beigh Salm

14' 



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8-16-03	8067	4' / 14'	7:16	7:19	7:19	7:22	3min
	8069	Visual to 14'	- see profile				OK

REMARKS \_\_\_\_\_

SANITARIAN Amy Hart BACKHOE Tim Feaga OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA 8067 8069 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

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# THIS IS NOT A PERMIT

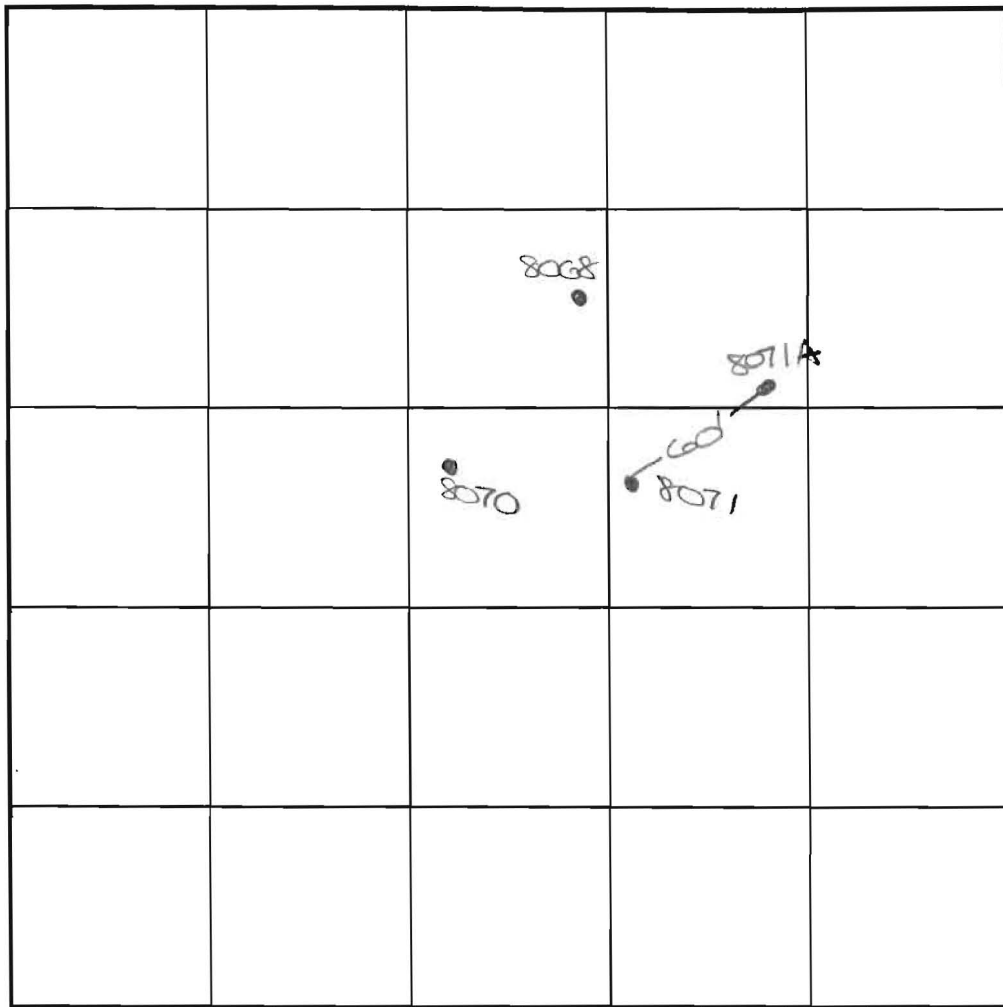
COUNTY #

SOIL PROFILE

0' 8070  
 topsoil  
 org brn  
 cl lm  
 —  
 H brn  
 si lm  
 —  
 5%+  
 rock

8071  
 topsoil  
 red org  
 cl lm  
 —  
 pk tan  
 si lm  
 —  
 10-15%  
 rock

8068  
 topsoil  
 red org  
 cl lm  
 —  
 H org  
 brn  
 si lm  
 —  
 5-10%  
 rock



SOIL PROFILE

0' 8071 A  
 topsoil  
 red  
 org  
 cl lm  
 —  
 H brn  
 si lm  
 —  
 10%  
 sapr  
 rock

5.5'  
 6'  
 13'9"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-10-03	8070	5.5' S	1:42	1:44	1:44	1:48	4
		14.0' D	Visual	-see profile			P
	8071	4.5' S	1:45	1:46.3	1:46.3	1:48.3	2
		14.0' D	Visual	-see profile			P
	8068	4.0' S	2:02	slow - test	stopped		
		6.0' M	2:23	2:35	2:35	2:52	17
		14.0' D	Visual	-see profile			P
5-12-03	8071	13'9" D	Visual	-see profile			P
	A						

REMARKS

TYPE OF SOIL

TESTED BY

K. Clark

TRENCH DESIGN DATA: AVG. PERCOLATION TIME

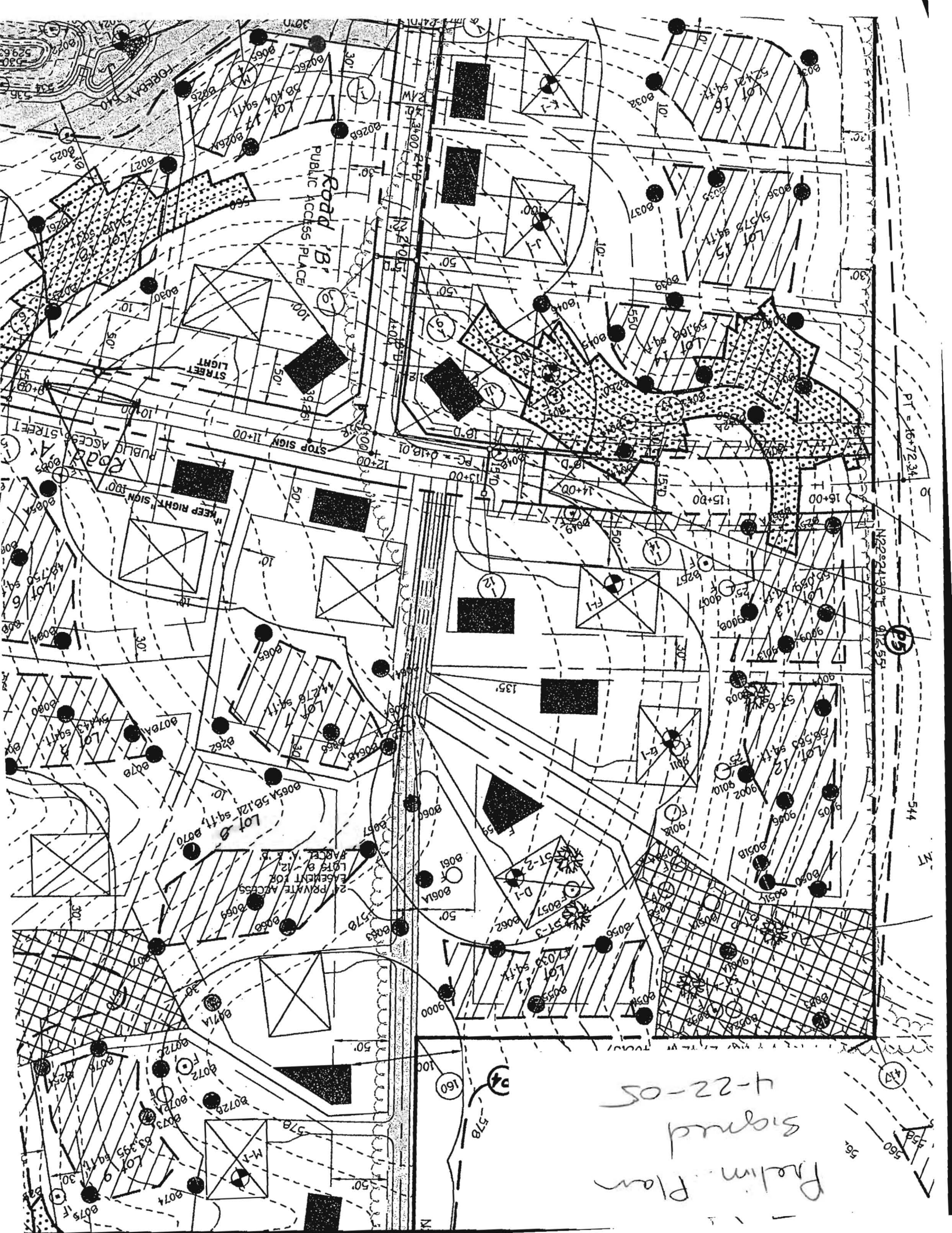
INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

TRENCH WIDTH

SQ. FT./BEDROOM



Prelim Plan  
Signed  
4-22-05

PT = 16+72.34

15

514

NT

43

560

578

150  
578

Road B  
Public Access Place

Road A  
Public Access Street

KEEP RIGHT SIGN

STREET LIGHT

STOP SIGN 11+00

PC = 0+18.01

12+00

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

24+00

25+00

26+00

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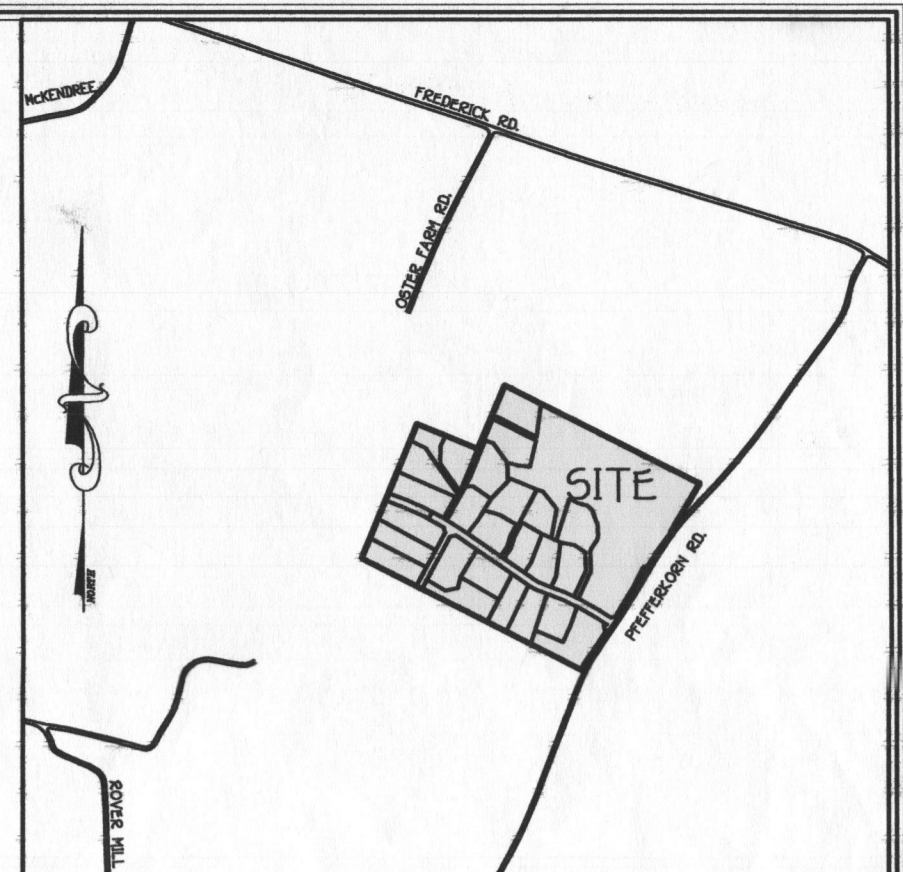
291+00

292+00

293+00

294+00

295+00



VICINITY MAP  
SCALE: 1" = 1200'

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA. ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON AERIAL TOPOGRAPHY PREPARED BY SDI, L.L.C. DATED APRIL 14, 2001 AND SUPPLEMENTED BY FIELD RUN TOPOGRAPHY PREPARED BY FISHER, COLLINS & CARTER, INC. DATED APRIL 2002.
- BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. DATED APRIL 2002.
- GROUND WATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO PLAT RECORDATION.
- NO SLOPES 25% AND GREATER EXIST ON-SITE.

SOILS LEGEND

SOIL	NAME	CLASS
** Ba	Baile silt loam	D
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
CcC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
GIB2	Glenns loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenns loam, 8 to 15 percent slopes, moderately eroded	B
GID2	Glenns loam, 15 to 25 percent slopes, moderately eroded	B
* GrB2	Glennville silt loam, 3 to 8 percent slopes, moderately eroded	C
EB3	Elioak silty clay loam, 15 to 25 percent slopes, severely eroded	B
EKC2	Elioak silt loam, 8 to 15 percent slopes, moderately eroded	B
EXB2	Elioak silt loam, 3 to 8 percent slopes, moderately eroded	B
** Ha	Hatboro silt loam	D
MC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
EKC2	Elioak silt loam, 8 to 15 percent slopes, moderately eroded	B
MD3	Manor loam, 15 to 25 percent slopes, severely eroded	B

- NOTES:  
 \* Hydric soils and/or contains hydric inclusions  
 \*\* May contain hydric inclusions  
 † Generally only within 100-year floodplain areas

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- GLB2
- MLC2
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- DENOTES 15%-24.9% SLOPES (Not on Site)
- DENOTES 25% AND GREATER SLOPE (Not on Site)
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

FOR LOTS 1, 2, 3, 4, 5, 6, 7, (leave 8262), 8 (leave 8067 and 8069), 9 (leave 8254 and 8253), 10, 11 (leave 8056, 8054 and 8055), 12 (leave 8050 and 8051), and ADDITIONAL HOLE NUMBERS 8056A, 9007, 9008, 9009, 9013, 8000, 8001, 8002, 8003 AND 8004 as shown hereon.

I PERSONALLY WITNESSED SOIL PERCOLATION TESTS SHOWN AS "CLOVERFIELD". ALL SEWERAGE DISPOSAL AREAS SHOWN ON THE ABOVE REFERENCED LOTS AND ADDITIONAL HOLES MEET ALL APPLICABLE COMAR REGULATIONS REGARDING ONSITE SEWERAGE DISPOSAL. I RECOMMEND APPROVAL FOR ONSITE SEWERAGE DISPOSAL AND PRIVATE WATER SUPPLIES ON THESE LOTS.

FOR SIGNATURE SEE ORIGINAL SIGNED PERC DRAWING DATED 2/21/03

Signature \_\_\_\_\_ License # \_\_\_\_\_ Date \_\_\_\_\_

FOR LOTS 14, 15, 16, 17, 18, 19, 20, and 21, as well as ADDITIONAL HOLE NUMBERS 9007, 9008, 9013, 9009, 8051C, 8056A, 8050, 8058, 8058A, 8051A, 9001A, 8033, 8052A, 8052, 8054, 8056, 8065, 8067, 8069, 8254, 8253, 8257A, 8259, 8262, and 8002 as shown hereon.

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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.

Signature of Professional Land Surveyor: *Terrell A. Fisher* Date: *5/14/10*

Terrell A. Fisher, Professional Land Surveyor No. 10692

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

Signature of County Health Officer: *Rafaela Bilewicz* DATE: *5/26/10*

DATE: *1/9/0*

FISHER, COLLINS & CARTER, INC.  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL FREE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 461-2200

THE PURPOSE OF THIS REVISED PERC PLAN IS TO REMOVE THE EXISTING WELL BOX'S TO A WELL SITE AND 2 ALTERNATE WELL SITES.

AMENDED PERC CERTIFICATION PLAT  
**CLOVERFIELD**  
 Lots 3 - 8, 11, 13, 16 18, And 20  
 TAX MAP 15 ZONED: RC-DEO PARCEL: 4 GRID: 8  
 THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 100' DATE: April 29, 2010