

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

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 Elm Street Development

ADDRESS 6820 Elm Street, Suite 200, McLean, VA 22101 PHONE (703) 734-9730

AGENT OR PROSPECTIVE BUYER Mildenberg Boender And Assoc.

ADDRESS 5072 Dorsey Hall Drive, Ellicott City MD, 21042 PHONE 410 997 0296

PROPERTY LOCATION:

SUBDIVISION Shapiro Property LOT NO. 7

ROAD AND DESCRIPTION Long Corner Road, 1500 ft South of New Cut Road / Long Corner Road intersection.

TAX MAP 6,12 PARCEL # 9

SIZE OF LOT 45,365 Sq.ft. TYPE BLDG. Single Family Dwelling  
(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

COUNTY #

SOIL PROFILE

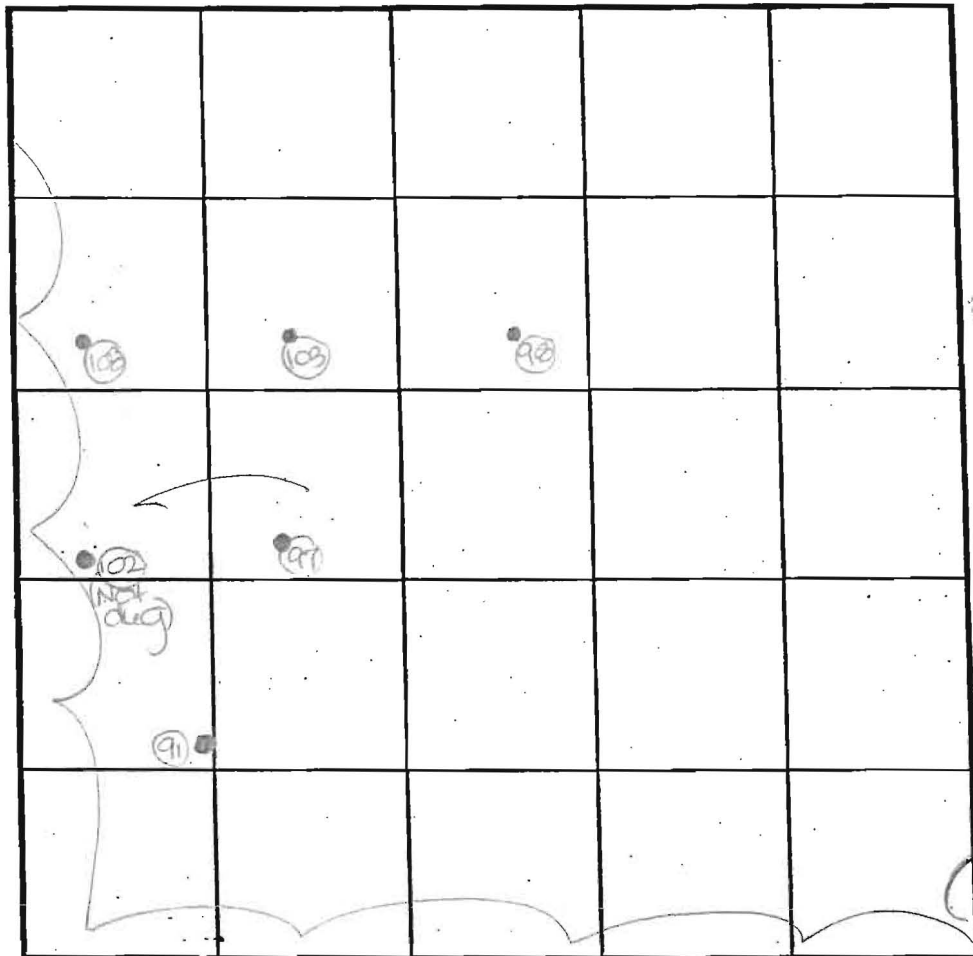
SOIL PROFILE

0' 91  
 1' topsoil  
 1' org brn cl Lm  
 40% sh  
 5' 4" brn si Lm  
 60-70% sh  
 10' Refusal

0' 97  
 1' topsoil  
 1' org brn cl Lm  
 30% sh  
 4' 4" brn si Lm  
 5' red brn si cl Lm  
 10' to org brn si Lm  
 60% sh  
 9' Refusal

0' 103  
 1' topsoil  
 1' org brn cl Lm  
 30% sh  
 6.5' 4" org brn si Lm  
 60% sh  
 8' Refusal

0' 103  
 1' topsoil  
 1' org brn cl Lm  
 3.5' 4" org brn si Lm  
 50%-60% sh  
 10.2' Refusal  
 0' 98  
 1' topsoil  
 1' org brn cl Lm  
 3.5' org brn si Lm  
 40% sh  
 10.4' Refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Long Corner Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-30-01	91	10.0'D	Refusal	- See	profile		FAIL
	97	9.0'D	Refusal	- See	profile		FAIL
	108	9.5'D	Refusal	- See	profile		FAIL
	103	4.0'S	10:38	11:06	11:06	11:18	12
		10'2"D	Refusal	- See	profile		FAIL
	98	4.0'S	11:03	11:12	11:12	11:30	18
		10'4"D	Refusal	- See	profile		OK

REMARKS holes tested as stacked

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

TESTED BY DKC ALSO PRESENT GTA-NORTH

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

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

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# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

104

0' topsoil  
 1' org brn cl Lm  
 3' 3.5' org bdge si Lm  
 40% sh  
 10.5' Refusal

114

0' topsoil  
 1' org brn cl Lm  
 4' org brn si Lm  
 40-50% sh  
 8' Refusal

115

0' topsoil  
 1' org brn cl Lm  
 3' 3.5' 4' brn si Lm  
 30% 40% sh  
 6' Refusal



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

large corner road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-30-07	104	4.0'S	11:07	11:09	11:09	11:13	4
		10.5'D Refusal	- see profile				OK
	109	5.5'D Refusal					FAIL
	113	4.5'D Refusal					FAIL
	110	4'8"D Refusal					FAIL
	114	4.0'S	11:32	11:49	11:49	less than 11:12:15	FAIL
		8.0'D Refusal	- see profile				FAIL
	115	8.0'D Refusal	- see profile				FAIL
	119	7.0'D Refusal	(with sh @ 4.5')				FAIL

REMARKS

holes tested as stake

TYPE OF SOIL

TESTED BY

DLC

ALSO PRESENT

GTA-NORTH

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

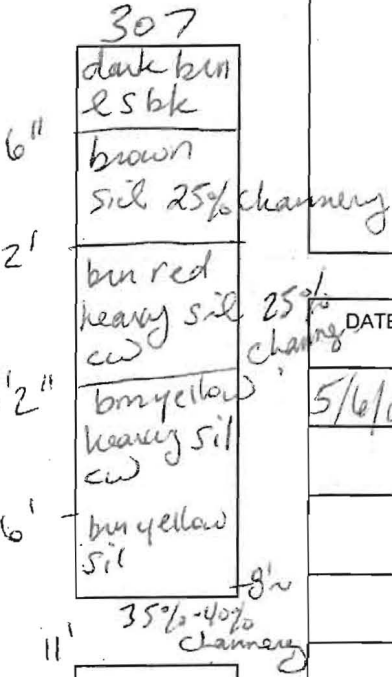
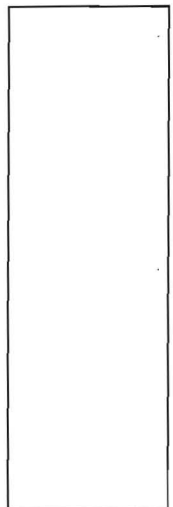
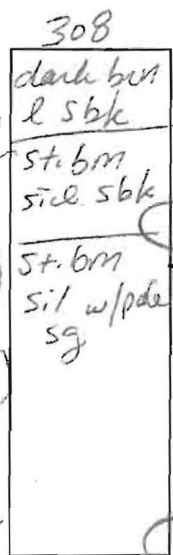
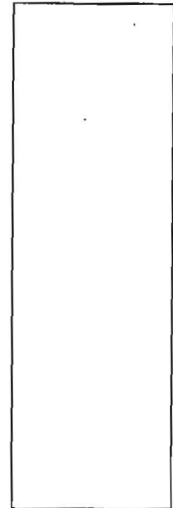
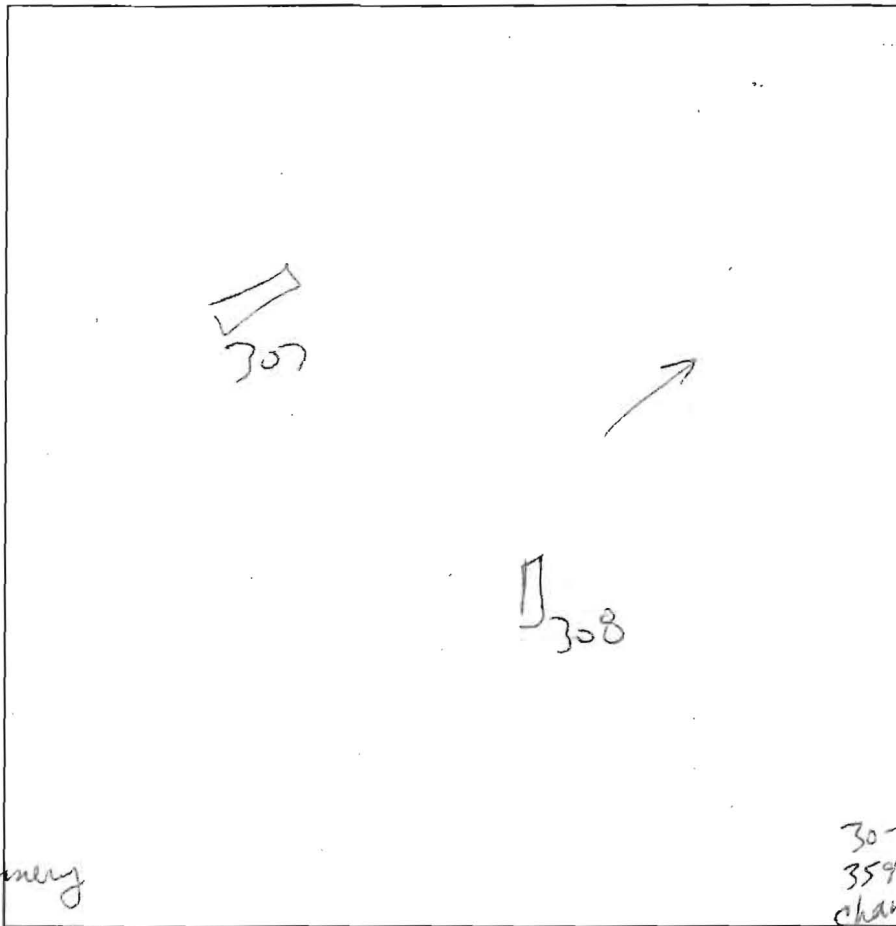
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

AP Lot 7



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/6/08	308	5' 10' 5"	9:32	9:40	9:55	15	P
	307	5' 5' 11"	9:44	No movement			
		6' 5"	12:11	12:17	12:29	12	P

REMARKS #307 EARL 6' dug per stake.  
 SANITARIAN SS BACKHOE \_\_\_\_\_ OTHERS M. Mitchell - GTA  
R. Charlton - Elm St. Dr  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_