

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. 8

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

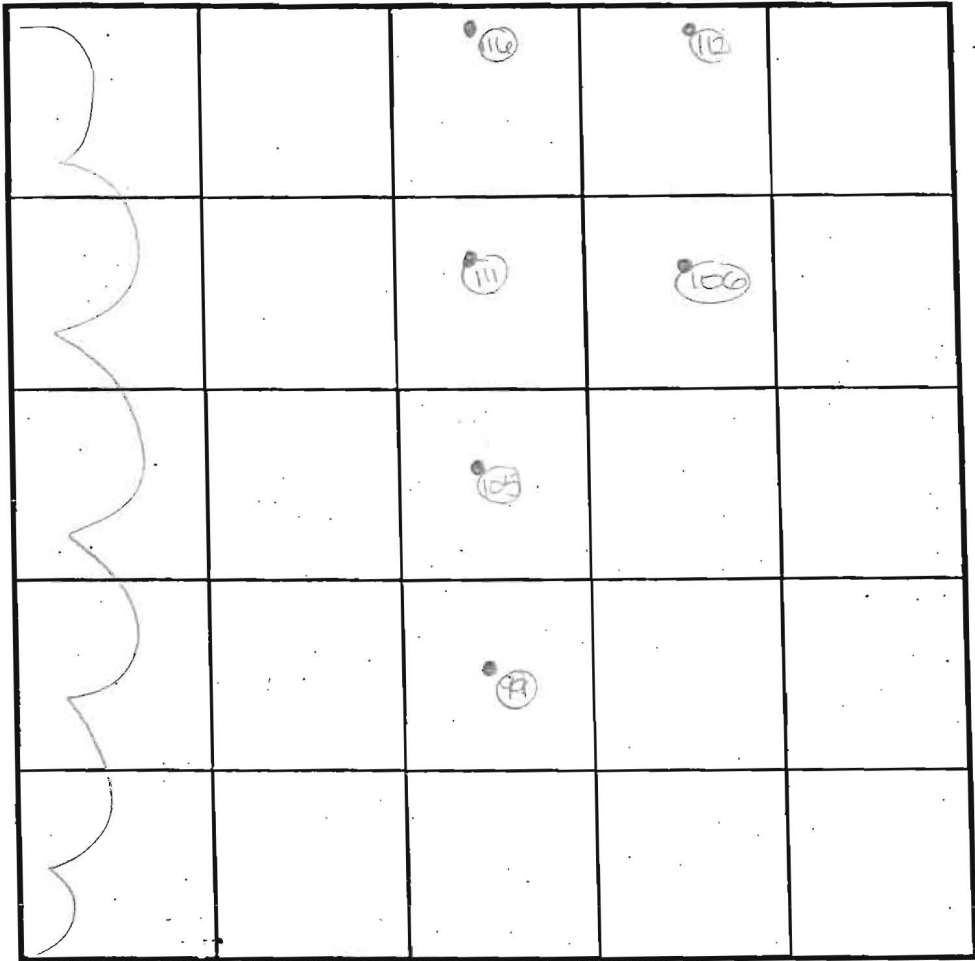
COUNTY #

SOIL PROFILE

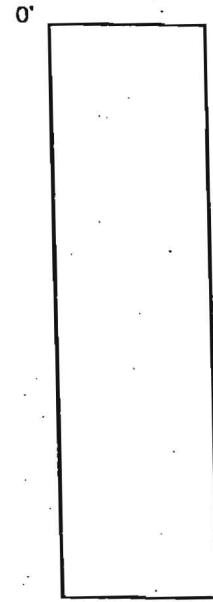
0' 105
 1' topsoil
 1-3-35' org brn silty sh
 20-25% sh
 9' Refusal

0' 99
 1' topsoil
 1-4-4' 100% sh
 4-4.5' org brn silty sh
 30-40% sh
 7' 100% sh
 9.5' Refusal

0' 1000
 1' topsoil
 1-2.5-3' org brn silty sh
 2.5-3' org brn silty sh
 40-50% sh
 8.5' Refusal



SOIL PROFILE



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	<u>105</u>	4.0' S	11:56	12:01	12:01	12:09	<u>8</u>
		9.0' D	Refusal	1 - See profile			OK
	99	4.0' S	12:05	less than 1" @	12:35		FAIL
		9.5' D	Refusal	1 - See profile			FAIL
	111	4.0' D	Refusal				FAIL
	110	6.5' D	Refusal	(100% sh @ 4.5')			FAIL
	112	3' 8" D	Refusal				FAIL
	100	3.5' S	12:32	12:34	12:34	12:35	1 1/2'
		8.5' D	Refusal	1 - See profile			FAIL

REMARKS holes tested as staked

TYPE OF SOIL _____

TESTED BY DCC ALSO PRESENT GTH - Marty

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

COUNTY #

SOIL PROFILE

0'

104
 topsoil
 org bn
 cl lm
 3'
 3.5'
 org bdgr
 si lm
 40%
 sh
 10.5'
 Refusal

SOIL PROFILE

0'

SOIL PROFILE



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	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	11:47	11:47	less than 1" @ 12" h	FAIL
		8.0'D	Refusal - see profile				FAIL
	115	8.0'D	Refusal - see profile				FAIL
	119	7.0'D	Refusal (100% sh @ 4')				FAIL

REMARKS

holes tested as staked

TYPE OF SOIL

TESTED BY

DCC

ALSO PRESENT

GTA-NORTH

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

3'

3.5'

3'

3.5'

8'

3'

3.5'

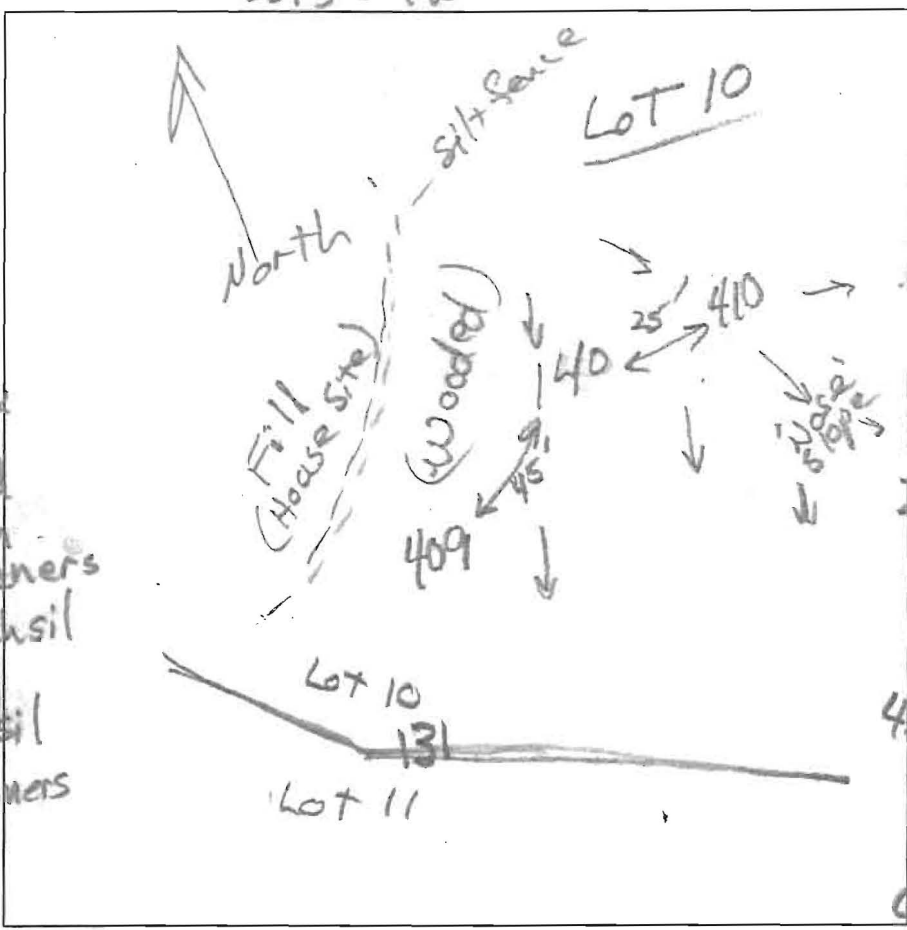
6'

9'

Lots 8 & 10

409

408
 1' brn sil
 2 v/sbk
 to 1 f/sbk
 1.7' brn chl
 2 v/sbk
 4.5' yellow-red
 chl, 1 f/sbk
 pale yel-red
 vch sil on
 35-40% channers
 8.5' yellow &
 pale yellow ch sil
 11' yellow
 pale yellow vch sil
 ~55-60% channers



brn L
 1 vfg
 to 1 f/sbk
 0.7' brn L, 2 f/sbk
 few channers
 1.8' brn vch L
 strong thick
 platy,
 rock-controls
 structure
 2.6' vel-red
 ch sil
 30% channers
 m 1 & 2 p (blk)
 4.5' yellow
 & pale yellow
 1' ch sil
 9' white &
 pale brn
 vch sil
 45-50%
 channers

410
 0.5' brn L, 1 vfg
 1' yel-brn L
 1 f/sbk
 few channers
 1.5' yel-red
 4' vch L
 9.2' yel-red
 vch sil, 45-50% rock frag.
 11' brn
 vch sil
 55-60% rock frag.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/25/14	408	6.5'	2:35	2:40	2:50	10	P
7/25/14	409	5.7'	3:37	3:40	3:44	4	P
7/25/14	410	9.2'	Visual	4-5.2	0.8 gpd/sq		P

#408 is on Lot 8; only Lot 10 is in sketch
 #410 OK, but keep system primarily on side slope

REMARKS _____
 SANITARIAN R Bricker BACKHOE Dennie (at fields) OTHERS Jason Van Kirk
 TEST HOLES USED IN SDA Howard Adolfo; Pedro AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____