

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. 13

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 55,393 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' (59)
 1' Topsoil
 org rd
 cl 1m
 100%
 Rock
 frag

5' org brown
 si 1m
 rock
 25%

8'8" 60% SF
 Refusal

(107)
 1' Topsoil
 org brn
 cl 1m
 5-10%
 rock frag

3'8" org beige
 si 1m
 10-15%
 rock
 frag

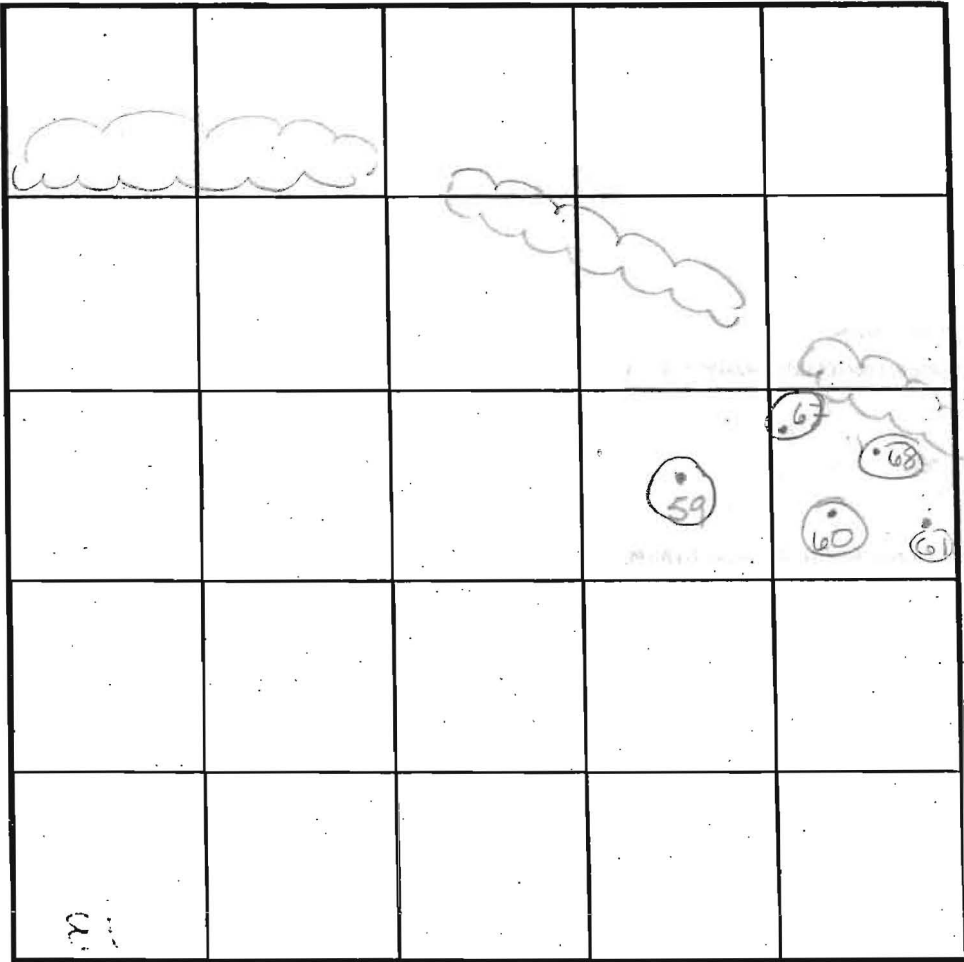
10' Refusal

(60)
 1" Topsoil
 brn cl
 1m

3' org beige
 si 1m

20-
 25%
 50

9'3" Refusal



SOIL PROFILE

0' (106)
 1' Topsoil
 rd brn
 cl 1m
 15-20%
 Rock
 frag

5'9" beige lb brn
 6 Sidloam
 rock
 frag
 25-30%
 Refusal

11'8" (61)
 1' topsoil
 red brn
 cl 1m
 35%
 5' 5'
 8' 60% sh
 Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-11-01	59	—	No test performed		—		—
		8'8" D	Refusal - see profile		—		FAIL
	67	4'10" S	1:22 ³⁰	1:26	1:26	1:30	4 min
		10' D	Refusal - see profile		—		OK
	60	5' S	1:32	1:35 ³⁰	1:35 ³⁰	1:39 ³⁰	4 min
		9'3" D	Refusal - see profile		—		OK
	108	5.5' S	1:42 ³⁰	less than 1" @ 2:12		—	—
		11'8" D	Refusal - see profile		—		OK
	61	8.0' D	Refusal - see profile		—		FAIL

REMARKS: holes tested as stated

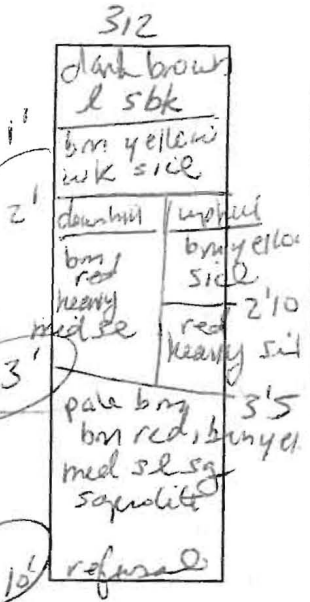
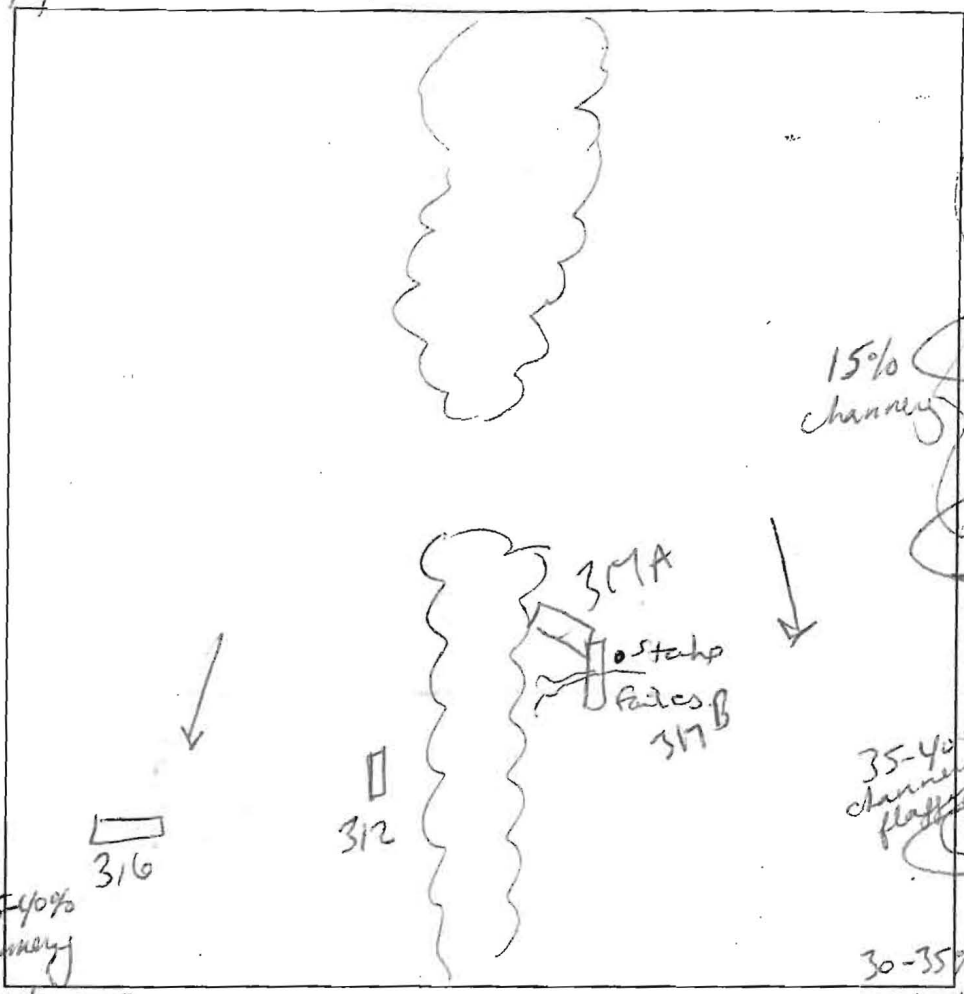
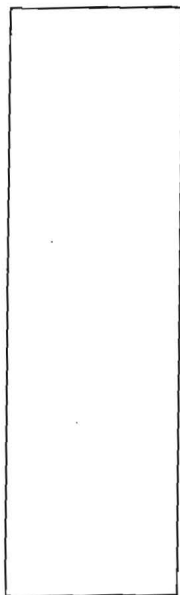
TYPE OF SOIL _____

TESTED BY DKC/KG ALSO PRESENT GTA - MARTIN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Lat 13/14



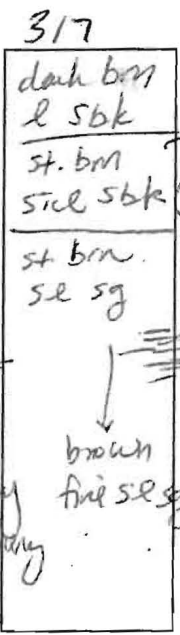
312
 dark brown
 l sbk
 brn yellow
 wk sil
 2'
 downhill uphill
 brn red heavy med sil
 brn yellow sil
 red heavy sil 2'10"
 3'
 pale brn
 brn red, brn yel
 med sil sg
 saprolite
 3'5"
 refusal
 10'

15% channel

35-40% channel
 flatter

30-35% channel

316
 dark brn
 l sbk
 brn yellow
 sil
 transition
 heavy sil
 brn yellow
 med sil sg
 ?
 3 1/2'
 refusal
 4'



317
 4'
 dark brn
 l sbk
 st. brn
 sil sbk
 35-40% channel
 st brn
 sil sg
 rock orientation
 5'
 brown fine sil sg
 45% flaggy channeling

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/6/08	317	5'8" / 12'	11:37	11:51	12:21	30	P
Lat 14	316	7'1/2 / 11'	11:06	11:11	11:19	8	P
	312	5'5" / 10'	11:55	12:03	12:18	15	P

REMARKS #316 EAE 3 1/2-4' #317 EAE 5' dug per stake #317 on Poles uphill #312 EAE 3'5'
 SANITARIAN SS BACKHOE OTHERS M. Thibault, GTA
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ M. Chantier - Elm St
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ SQ. FT/BR
 * #317 - Do NOT extend past stake - downhill direction

COUNTY #

SOIL PROFILE

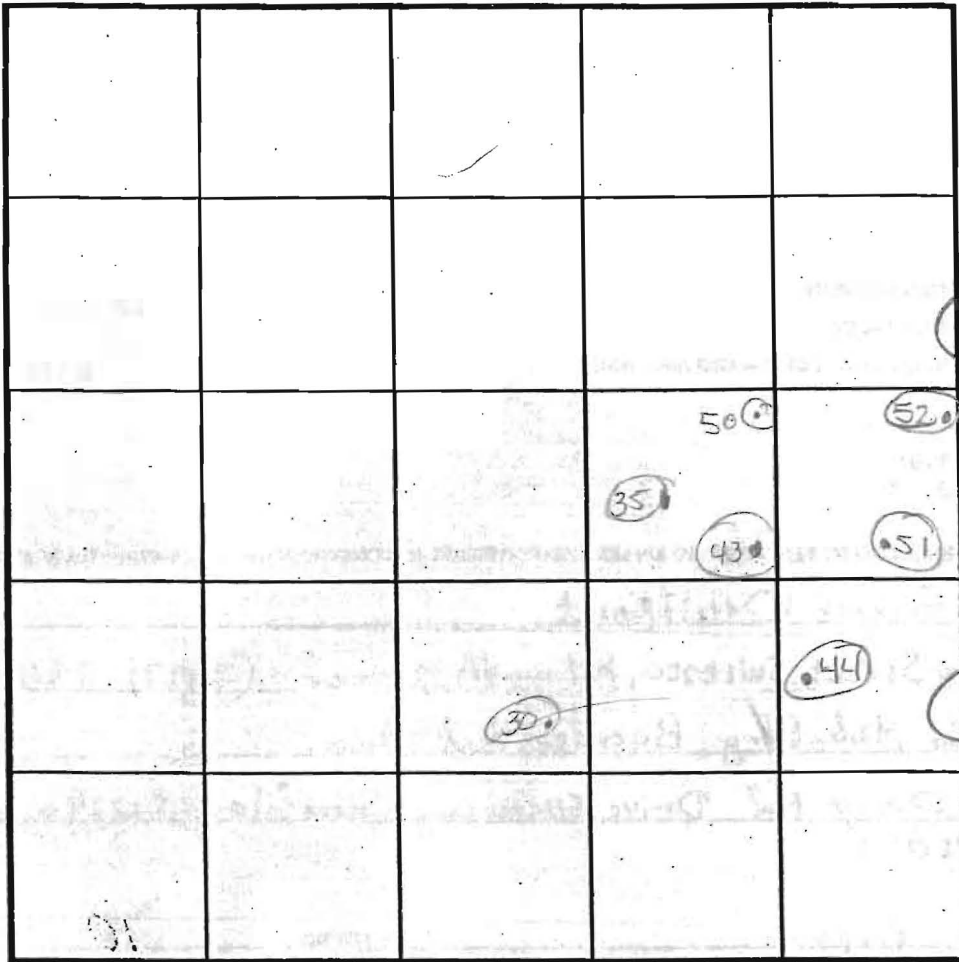
0' (50)
 Topsoil
 org brn
 cl lm
 Shale
 Frag.

3 1/2' Refusal (43)

1' Topsoil
 Rd org
 brn
 cl lm
 1'
 H brn
 beige
 silt
 lm
 25%+
 shale
 6" >50%
 rock frag
 7 1/4' Refusal (44)

1' Topsoil

org. brn
 cl lm
 3 1/4' H brn
 si lm
 15%
 shale
 10 1/2' Refusal



SOIL PROFILE

0' 52
 topsoil
 org brn
 cl lm
 4' H brn
 si
 lm
 30%+
 sh
 9 1/2' Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-10-01	50	3 1/2' D	Refusal				FAIL
"	35	2' 8" D	Refusal				FAIL
	43	7' 4" D	Refusal	- see profile			FAIL
	51	4' 8" D	Refusal				FAIL
	52	4 1/2' S	2:26	2:27 ³⁰	2:27 ³⁰	2:30	2:30
		9.5' D	Refusal	- see profile			OK
	44	4.5' S	3:27	3:36	3:36	3:55	19
		10' 8" D	Refusal	- see profile			OK

REMARKS: holes tested as stated.

TYPE OF SOIL

TESTED BY: DJC/AGG ALSO PRESENT: STA - MURPHY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM