

APPLICATION

PERCOLATION TESTING

A 514619

P _____

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

DISTRICT _____

DATE 10/31/00

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 Debra and William Anderson
Brenda Tompkins-McDade

ADDRESS 7320 Grace Drive PHONE (410) 531-6444
Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES INC
7320 Grace Drive

ADDRESS Columbia MD 21044 PHONE (410) 531-6444

PROPERTY LOCATION: * THE PRESERVE AT WAVERLY WOODS
RE-DEVELOPMENT ON SHADOW SHADE Lots 1+2 + TRS. PARCEL

SUBDIVISION AND HIGHWAY AT BREEZEWOOD FARMS LOT NO. (20)

ROAD AND DESCRIPTION WOODBRIDGE TOWN AND ROUTE 99 (FREDERICK TOWN)

TAX MAP 10 PARCEL # 36-102

SIZE OF LOT 1 ac TYPE 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]
(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

211

6" topsoil
 6" org brn cl Lm
 3' 1" brn sa mica Lm
 7'8" Refusal

189/196

6" topsoil
 6" org brn cl Lm
 2.5' tan to beige sa mica Lm
 10-15% rock

182

6" topsoil
 6" org brn cl Lm

60%+ rock

Refusal

	182 F	36 188		
	189			
	196			
	201			
				F 211

SOIL PROFILE

183

6" topsoil
 6" org brn cl Lm
 3' med org brn sa mica Lm
 15% rock

201

like 189
 w/20%
 25%
 rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Frederick Road

13.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-10-01	211	7'8" D	Refusal	- see profile			FAIL *
	189	2.5' S	10:28	10:30	10:30	10:33	3
		12.5' D	visual	- see profile			OK
	182	4.0' D	Refusal	- see profile			FAIL *
	188	3.0' S	10:38	10:41	10:41	10:46	5
		13.0' D	visual	- see profile			OK
	196	14.0' D	visual	- see profile			OK
	201	2.5' S	11:01	11:07	11:07	11:14	7
		13.5' D	visual	- see profile			OK

REMARKS * notes 211 and 182 fail due to excessive

TYPE OF SOIL rock content

TESTED BY DIC ALSO PRESENT T. Feaga, C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

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7320 Grace Drive

ADDRESS Columbia MD 21044 PHONE (410) 531-6444

PROPERTY LOCATION: * THE PRESERVE AT WAVERLY WOODS
D SUBDIVISION OF SHADOW SHADE LOTS 1+2 + TREE PARCEL

SUBDIVISION AND HIGHROADS AT BREEZEWOOD FARMS LOT NO. _____

ROAD AND DESCRIPTION WINDSOR ROAD AND ROUTE 99 (FREDERICK ROAD)

TAX MAP 10 PARCEL # 36+102

SIZE OF LOT 1 ac TYPE BLDG. SFD
(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' 173/185
 6" topsoil
 org brn dlm
 3' 1+ org brn mica lm
 5-10% rock

12.5'

178
 6" topsoil
 org brn dlm
 2.5' 1+ org brn mica lm

8.5'

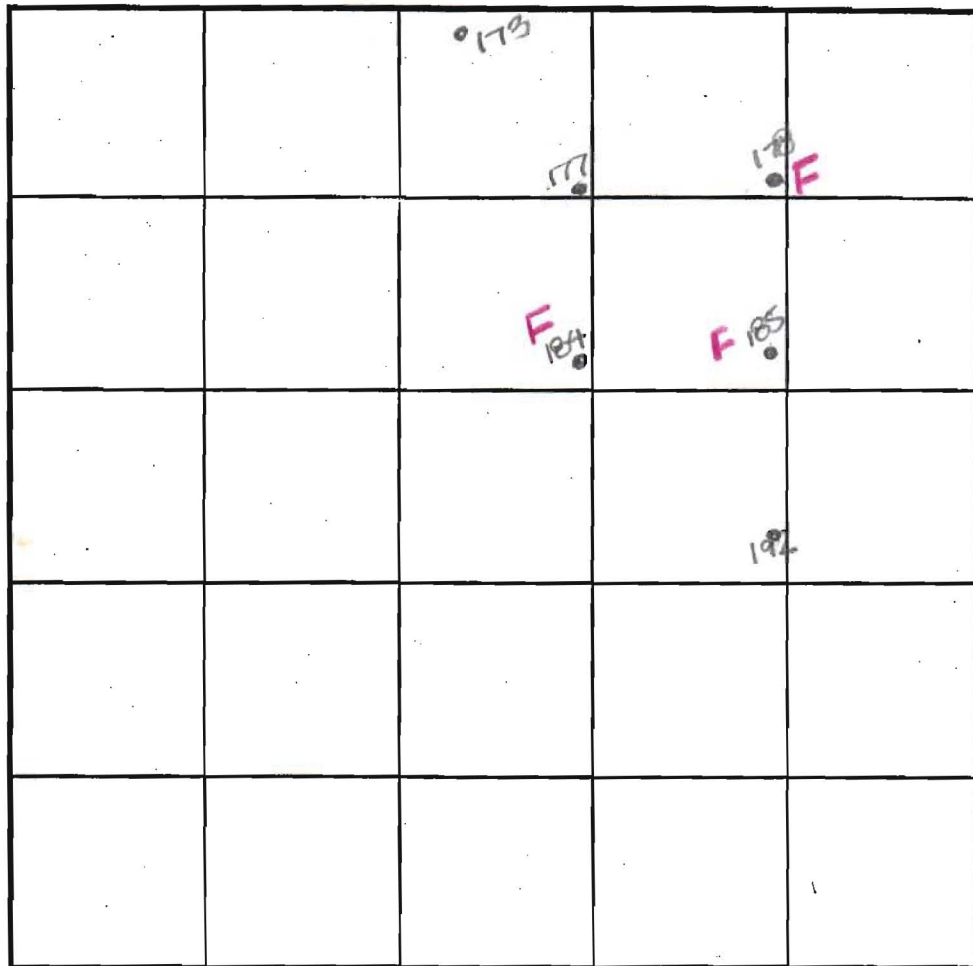
9'4"

184
 6" topsoil
 br org red brn dlm
 3' 1+ org brn mica lm

7.5'

60% rock
 refusal

10'



SOIL PROFILE

0' 177
 6" topsoil
 org brn dlm
 3' 1+ brn mica lm
 20%+ rock

11.5'

192
 6" topsoil
 org brn dlm
 3' 1+ brn mica lm
 60% rock
 11'8" refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-9-01	173	3.5'S	10:43	10:45	10:45	10:47	2
		12.5'D	Visual	- see profile			OK
	178	2.5'S	10:48	10:51	10:51	10:53	2
		9'4" D	Refusal	- see profile			FAIL *
	192	3.5'S	10:55	10:58	10:58	11:03	5
		11'8" D	Refusal	- see profile			FAIL *
	185	12.5' D	Visual	- see profile			OK
	184	10.0' D	Refusal	- see profile			FAIL *
	177	11.5' D	Visual	- see profile			OK

REMARKS * holes 178, 192, 184 failed due to rapid movement of water thru soil and rock content

TESTED BY DILL ALSO PRESENT T. Feaga L. 1997

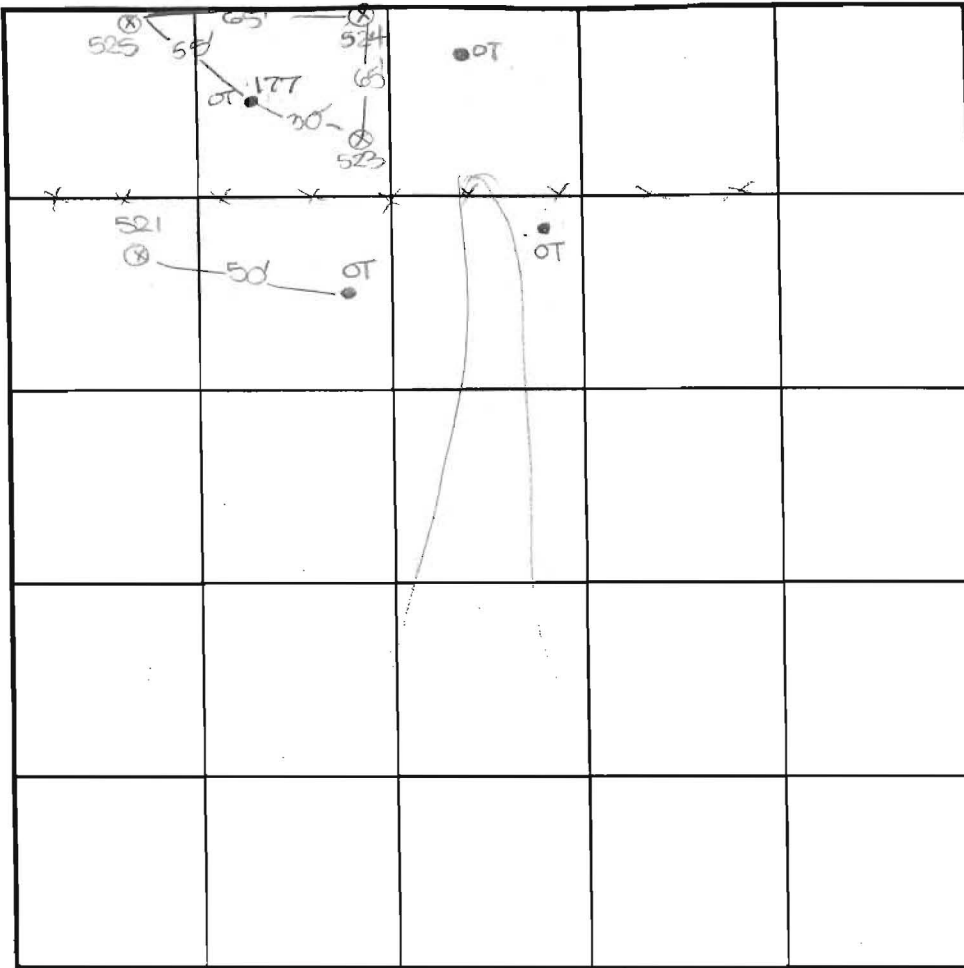
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

COUNTY #

SOIL PROFILE

0' 521
 topsoil
 3' org brn cl lm
 3' med org brn sa mica Lm
 13.5' 15% rock



SOIL PROFILE

0'

0' 525
 1' topsoil
 1' org brn cl lm
 3' 14 brn sa mica Lm
 30% rock
 6'8" Refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5-16-01	521	13.5' D	Visual	- see	profile		OK
	523	3.0' S	3:03	3:05	3:05	3:07	2
		10'2" D	Refusal	- see	profile		OK
	525	8'8" D	Refusal	- see	profile		FAIL
	524	2.5' D	Refusal				FAIL

REMARKS holes not stalked

TYPE OF SOIL

TESTED BY DCC ALSO PRESENT C. Jeff T. Reaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

0' 523
 1' topsoil
 1' org brn cl lm
 2.5' 14 org brn sa mica Lm
 30% rock
 10'2" Refusal

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Columbia MD 21044

AGENT OR PROSPECTIVE BUYER TRINITY QUALITY HOMES INC
7320 GEORGE DRIVE

ADDRESS Columbia MD 21044 PHONE (410) 531-6444

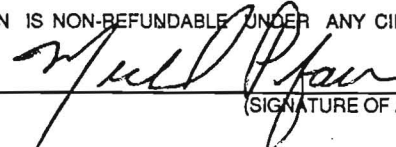
PROPERTY LOCATION: * THE PRESERVE AT WAVERLY WOODS
REAR DIVISION OF SHADOW SHADE LOTS 1+2 + REAR PARCEL
SUBDIVISION AND HIGHWAYS AT BREEZEWOOD FARMS LOT NO. _____

ROAD AND DESCRIPTION WINDSOR ROAD AND ROUTE 99 (FREDERICK ROAD)

TAX MAP 10 PARCEL # 36+102

SIZE OF LOT 1 ac TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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REASONS FOR REJECTION OR HOLDING _____

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

THIS IS NOT A PERMIT

168

COUNTY #

SOIL PROFILE

SOIL PROFILE

6" 176
topsoil
org brn
cl Lm
14 org
brn
sl mica
Lm
84
pockets
60%
rock
12.5'

0' 167/170
6" topsoil
org brn
cl Lm
3-
3.5' med to
14 brn
sl mica
Lm
12.5' 20-25%
rock

168/172
like
167
w/
15%
rock

167		172		
	171		F 176	
178				

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-10-01	176	4.5'S	11:21 ³⁰	11:22 ³⁰	11:22 ³⁰	11:24	2
		8.0'M	11:27 ³⁰	11:28	11:28	11:29	1
		12.5'D	Visual	- see	profile		FAIL
	167	3.5'S	11:48	11:49 ³⁰	11:49 ³⁰	11:51 ³⁰	2
		12.5'D	Visual	- see	profile		OK
	168	12.0'D	Visual	- see	profile		OK
	172	14.0'D	Visual	- see	profile		OK
	170	12.0'D	Visual	- see	profile		OK

REMARKS holes tested as staked
 TYPE OF SOIL _____
 TESTED BY DKC ALSO PRESENT C. Zepp, T. Feaga
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

48095 SF

30' BRL

10' BRL

SEPTIC 752 SF

LOT 20
48045 SF

PROP SEPTIC
10090 SF

10' BRL

10' BRL

10' BRL

10' BRL

LOT 18
58122 SF

10' BR

10' BR

10' BR

30' BRL

PROP SEPTIC
10098 SF

10' BRL

PROP 24' USE -
IN-COMMON ACCESS
EASEMENT FOR
LOTS 20-23

P-03-02

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

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10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

10' BR

NON-BUILDABLE
RESERVATION
PARCEL 'E'

10,443 SF

519

518

517

516

515

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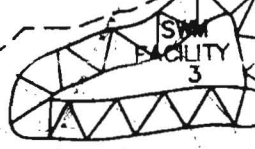
513

512

511

510

IN-COMMON ACCESS
EASEMENT FOR
LOTS 7-9 AND
PARCEL 'A'
**BUILDABLE
PARCEL 'A'**
539,251 SF
(12.39 AC)



75' STREAM BUFFER

75' STREAM BUFFER

LOT 21
49655 SF

LOT 22
49344 SF

LOT 23
50144 SF

LOT 20
47508 SF

LOT 18
58286 SF

LOT 19
49210 SF

NON-BUILDABLE
PRESERVATION
PARCEL 'C'
197,998 SF

