

APPLICATION

PERCOLATION TESTING

A 51042

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____

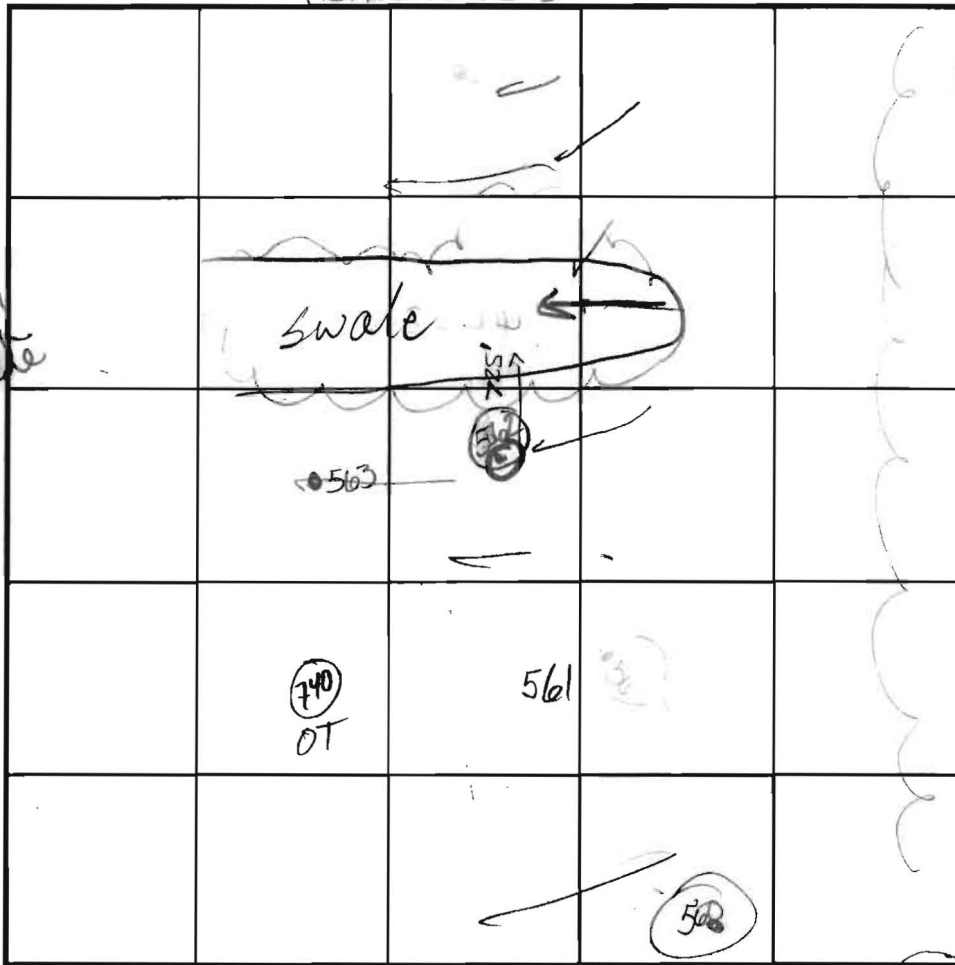
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

HOMELWOOD

COUNTY #



SOIL PROFILE

0' 562
 46' Topsoil
 Brn tan
 Si. Cl. Lm
 7' Rd brn. H tan
 brn, dk brn
 off-white
 Si. Lm
 Rock Frag < 50%
 14 1/2' Bottom

SOIL PROFILE

0' 560
 4 1/3' Topsoil
 Heavy
 Dk rd
 Brn
 Loam
 Brn
 tan
 SAND
 LM
 Rock Frag
 33-45%
 12' Refusal

46" 563
 Topsoil
 Hvy Brn
 tan loam
 Rock Frag
 5-10%
 5-5 1/2' brn
 beige
 SA LM
 micaceous
 Rock Frag
 5-10%
 Bottom

13' 561
 46" Topsoil
 Hvy Brn, Rd
 Loam Brn
 4-4 1/2' micaceous
 lt beige
 white tan
 SA LM
 Rock Frag
 5-10%
 14 1/2' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLES PER PLAN

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/26/01	562	6' 2" S	11:49	Less than 1" in 30 min.			Fail
		14 1/2' D					Fail
	P 563	6' 5"	12:00	12:04	12:04	12:10	6 min
		13' D					PASS
	P 561	5' 10" S	12:13	12:15	12:15	12:20	5 min
		14 1/2' D					PASS
	P 560	4' 6" S	12:25 ⁰⁰	12:26 ⁰⁰	12:26 ⁰⁰	12:29 ⁰⁰	3 min
		12' Refusal					MARGINAL
	F 559	Refusal @ 9 1/2'					Fail

REMARKS #562 SHELF IN RD clay pellet on S. side Along w/ north. OKAY ON EAST WALL
 TYPE OF SOIL #559 Excessive Rock Frag, Hvy loam, dk brn, dk rd brn
 TESTED BY Goedeking ALSO PRESENT Chuck C Mike & crew
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT/BEDROOM _____

HOLES PER PLAN

APPLICATION

PERCOLATION TESTING

A 51042

P 544456-G

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Homewood Crossing (Benedict Farms) LOT NO. 76

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____

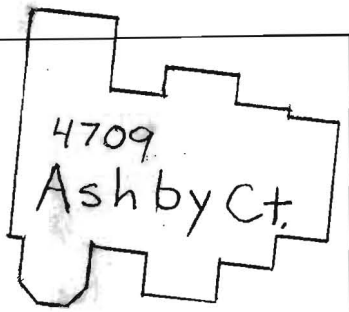
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

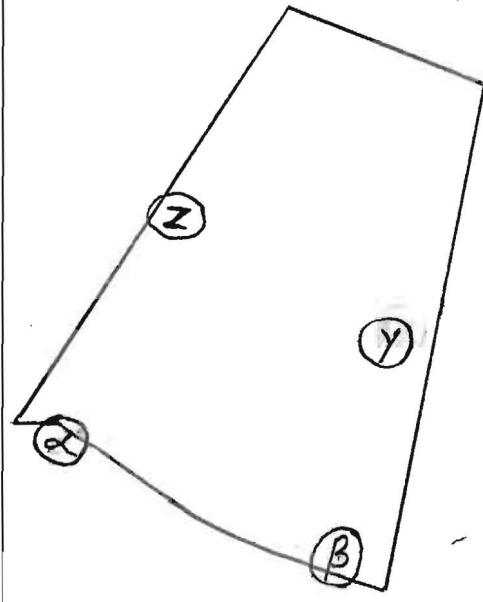
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A(544456-G)



1" ~ 50'



(α)
Br Loam 1-1.5'
Br SaCl Loam 3'
Moderately Dense Red Br Loam and SaCl Loam 4'
Br Loamy Sa, Trace Rock, Getting Moist 17.5'

(β)
Red Br Loams and SaCl Loams 4.5-5'
Med. Br Loamy Sa Trace Rock
Dry 17.5'

(ζ)
6'
Fill, Loam and SaCl Loams
Light Br Loamy Sa, Trace Rock
16'
Dry

(γ)
5'
Fill, Loam and SaCl Loams
Belge Loamy Sa 5-10% Rock
16'
Dry

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/18/2013	Z	6.5'/16'	11:15:30	11:19:45	11:26:15	6 1/2	P
	Y	5.5'/16'	11:42	11:45	11:50:30	5 1/2	P
1/8/2014	α	4.5'/17.5'	2:22:30	2:26	2:32	6	P
1/9/2014	β	5.5'/17.5'	10:25:30	10:31	10:40:30	9 1/2	P

REMARKS Water Poured in Bottom of
 SANITARIAN B. Baker BACKHOE Fogles OTHERS _____
 TEST HOLES USED IN SDA z, y, α + β AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

EX. R/W LINE
PLAT Nos. 1
13036 & 13037

**NON-BUILDABLE
PRESERVATION
PARCEL 'B'**
176.00 ACRES

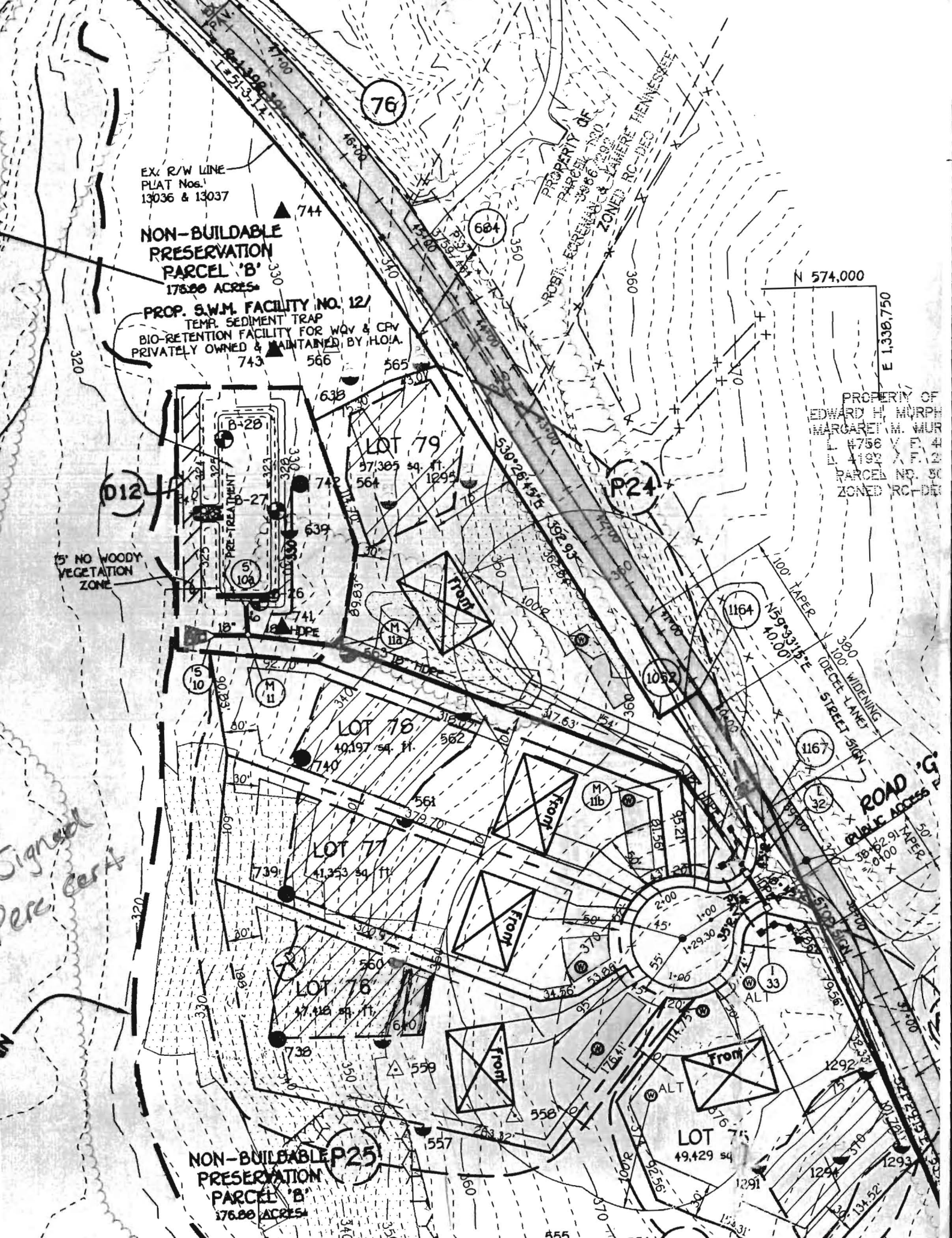
**PROP. S.W.M. FACILITY NO. 12/
TEMP. SEDIMENT TRAP
BIO-RETENTION FACILITY FOR WQV & CPV
PRIVATELY OWNED & MAINTAINED BY H.O.A.**

N 574,000
E 1,330,750
**PROPERTY OF
EDWARD H. MURPH
MARGARET M. MUR
L. #756 X F. 4
L. #102 X F. 2
PARCEL NO. 50
ZONED RC-DE**

(D12)

5' NO WOODY
VEGETATION
ZONE

*Signed
Per. cert*



**NON-BUILDABLE P25
PRESERVATION
PARCEL 'B'**
176.00 ACRES

Homewood Rd.

COUNTY #

SOIL PROFILE
738

0' top soil
1' red org
bm
cl lm
3.5' red brn
sil cl lm
to
60%
sil mica
lm
4' 35%+
rock

739

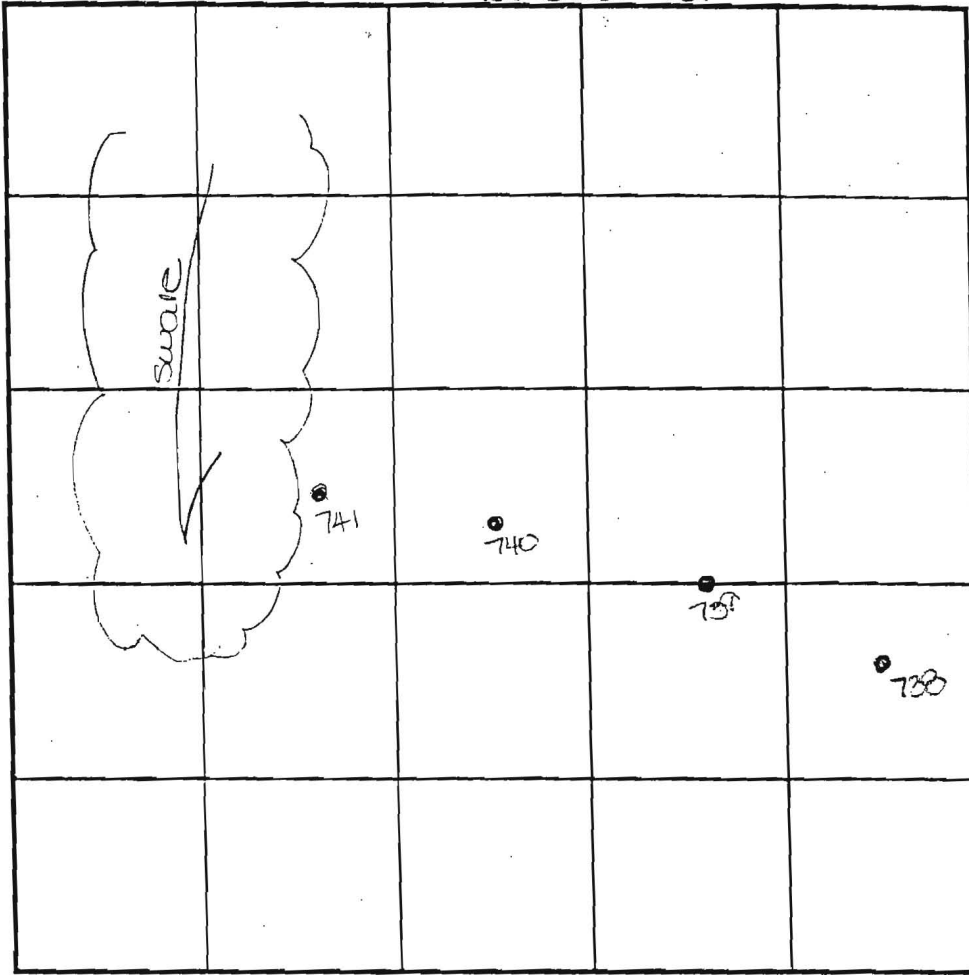
0' top soil
1' org brn
sil lm
3.5' tan
4' sil mica
lm
15' 15%
rock

740

0' top soil
1' sil
cl lm
3.5' pale
light
sil
lm
10-15%
rock
13.5'

SOIL PROFILE
741

0' top soil
1' dull
org brn
cl lm
5.5' 14 brn
6' sil mica
lm
15%
rock
13' water



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-12-01	738	5.5' S	1:13	1:14	1:14	1:16	2
		4.0' D	visual	- see	profile		OK
	739	5.5' S	1:16	1:18	1:18	1:21	3
		15.0' D	visual	- see	profile		OK
	740	5.5' S	1:23	1:24	1:24	28	4
		13.5' D	visual	- see	profile		OK
	741	6.0' S	1:25	1:27	1:27	1:29	2
		13.0' D	water	- see	profile		FAIL

REMARKS _____

TYPE OF SOIL _____
 TESTED BY DKC DUE TO DROUGHT CONDITIONS,
 APPROVABLE HOLES MUST HAVE 8
 TRENCH DESIGN DATA: FEET FROM OBSERVED
 GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM
 INLET DEPTH _____
 PRESENT M. Johnson & CRE
 OWNERS
 TRENCH WIDTH _____
 2 FT BEDROOM

HOMELWOOD

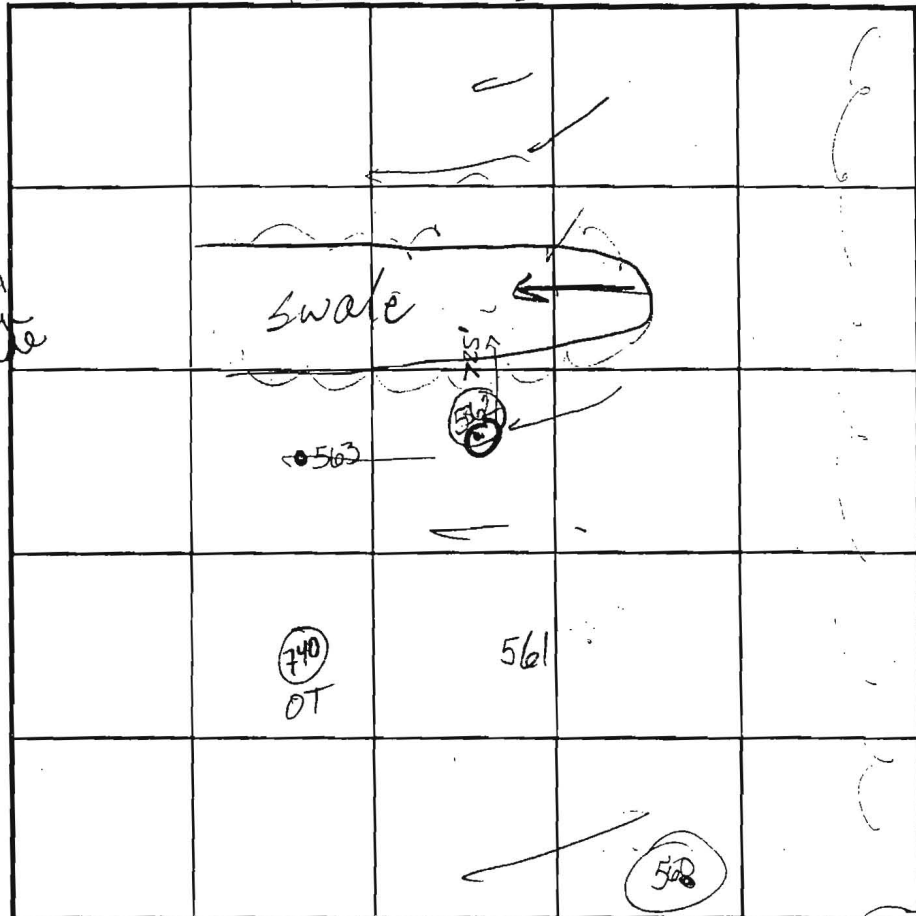
COUNTY #

SOIL PROFILE

(562)

0' Topsoil
4-6' Brn tan
Si Cl Lm
7' Fdbrn
H tan
brn, dk brn
off-white
Si Lm
Rock Frag 5-10%
14 1/2' Bottom

Red Clay
Sandy
silt



SOIL PROFILE

(560)

0' Topsoil
4-6' Heavy
dk rd
Brn
Loam
4 1/3' Brn
tan
SAND
LM
Rock Frag
35-45%
12' Refusal

HOLES
PER
PLAN

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(559)

SOIL PROFILE

(563)

46" Topsoil
Hvy Brn
tan loam
Rock Frag
5-10%

SOIL PROFILE

(561)

13' brn
beige
SA LM
micaceous
Rock Frag
5-10%
Bottom

SOIL PROFILE

(561)

4-6" Topsoil
Hvy Brn,
Loam
13' micaceous
lt beige
white tan
SA LM
Rock Frag
5-10%
Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/26/01	(562)	6 1/2" S	11:49	Less than	1" in 30 m	m.	Fail
		14 1/2" D					Fail
	P 560	6' S	12:00	12:04	12:04	12:10	10 min
		13' D					PASS
	P 561	5' 10" S	12:13	12:15	12:15	12:20	5 min
		14 1/2" D					PASS
	P 560	4' 6" S	12:25 ⁰⁰	12:16 ⁰⁰	12:26 ⁰⁰	12:29 ⁰⁰	3 min
		12' Refusal					MARGINAL
	F 559	Refusal @	9 1/2'				Fail

REMARKS #562 SHELF IN RD. CLAY pocket on S. side Along w/north. OKAY ON
 TYPE OF SOIL #559 Excessive Rock Frag, Hvy loam, dk brn, dk rd brn
 TESTED BY Goedeking ALSO PRESENT Chuck C
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SO. FT./BEDROOM _____
 14 1/2' Bottom

HOLES PER PLAN

APPLICATION

PERCOLATION TESTING

A 515042

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 4-13-01

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 Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 310 acres +/- TYPE BLDG. _____
(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. Natalie Ziegler
(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

Homewood Rd.

COUNTY # _____

SOIL PROFILE
738

0' topsoil

1' red org
brn
cl lm

3.5' red brn
sl cl lm
to
beige
si mica
lm

14' 35%+
rock

SOIL PROFILE
739

0' topsoil

1' org brn
sl cl lm

3.5' _____

4' tan
si mica
lm

15' 15%
rock

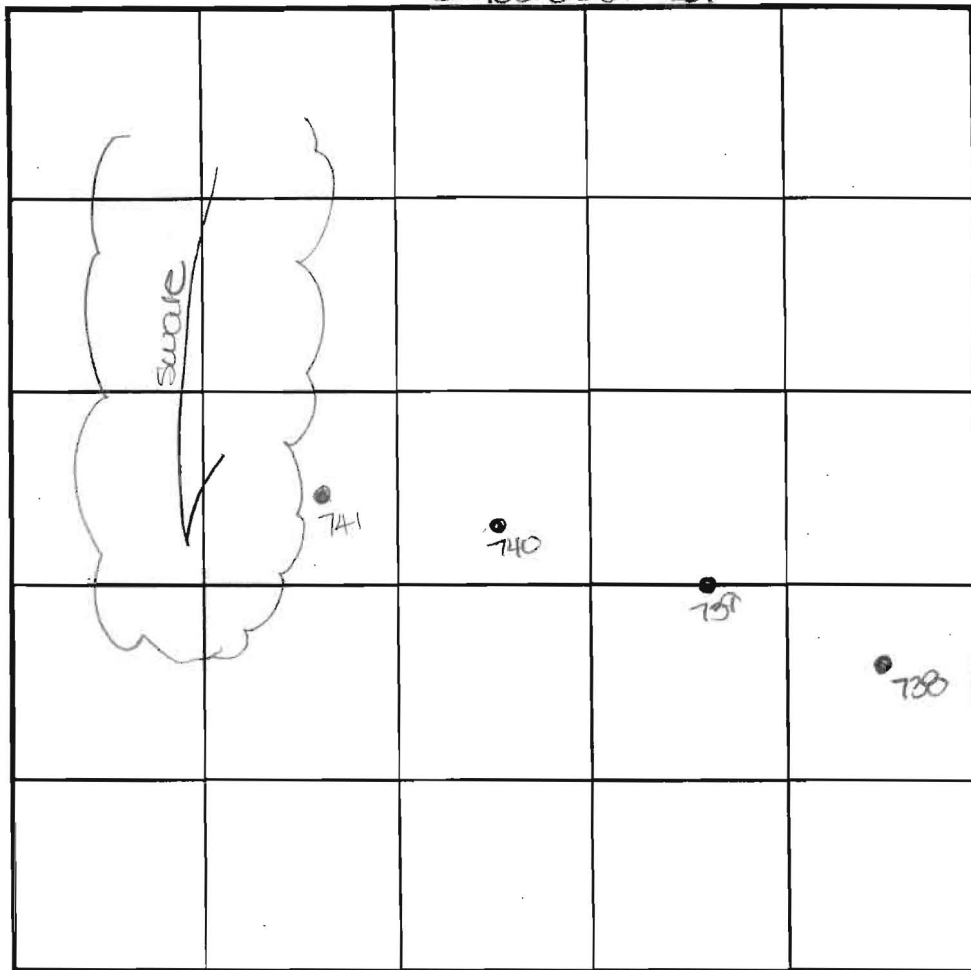
SOIL PROFILE
740

0' topsoil

1' org brn
sl cl lm

3.5' pale
org brn
si mica
lm

13.5' 10-15%
rock



SOIL PROFILE
741

0' topsoil

1' dull
org brn
cl lm

5.5' _____

6' 14 brn
si mica
lm

15%
rock

13' water

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-12-01	738	5.5' S	1:13	1:14	1:14	1:16	2
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	740	5.5' S	1:23	1:24	1:24	1:28	4
		13.5' D	visual	- see	profile		OK
	741	6.0' S	1:25	1:27	1:27	1:29	2
		13.0' D	water	- see	profile		FAIL

REMARKS _____

TYPE OF SOIL _____

TESTED BY DKC

TRENCH DESIGN DATA: _____

INLET DEPTH _____

DUE TO DROUGHT CONDITIONS,
APPROVABLE HOLES MUST HAVE 8
FEET FROM OBSERVED
GROUNDWATER TO BOTTOM OF
PROPOSED SEPTIC SYSTEM

30 PRESENT _____

TRENCH WIDTH _____

0. FT/BEDROOM _____

M. Johnson & crew
Owners

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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)

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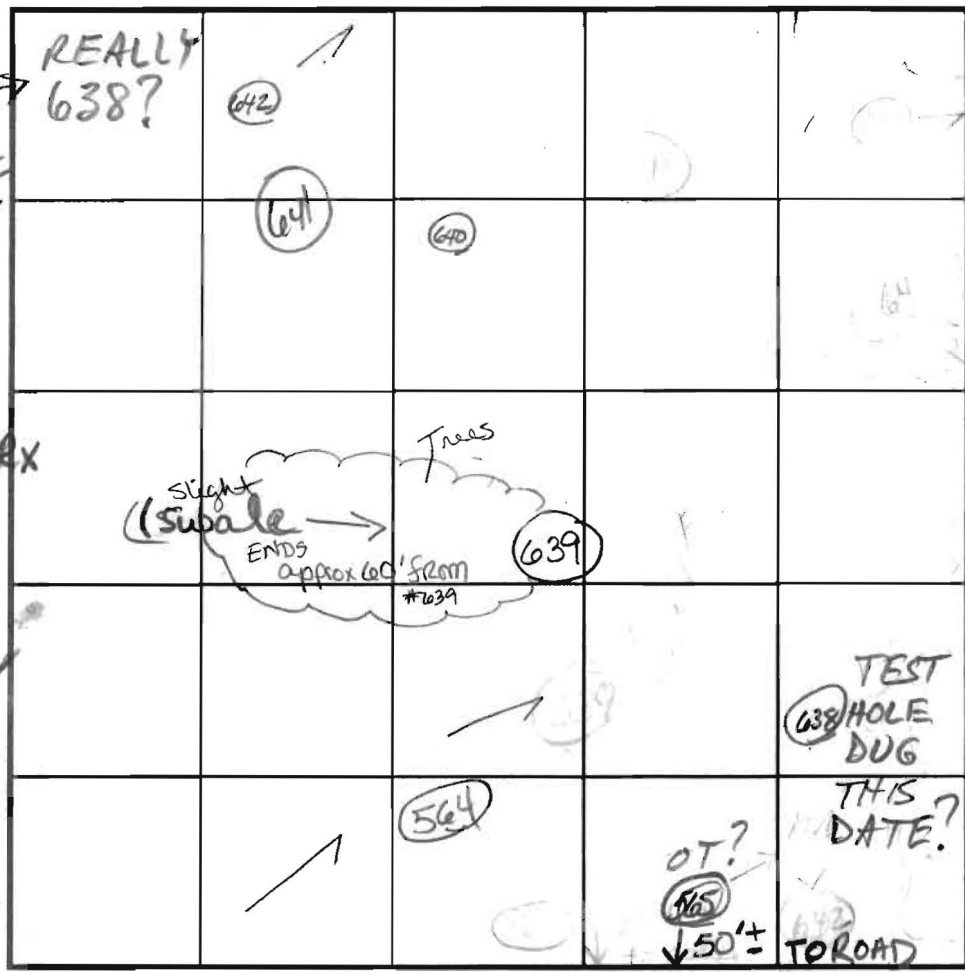
REASONS FOR REJECTION OR HOLDING _____

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

515042
COUNTY #



SOIL PROFILE
565
0' org brn w/rd
SCL Lm Rx 5%
5' Down Hill Side
2 1/2'
micaceous sand
15-25% wk struct. saprolite? AX
(color - white beige brn)
Bottom 14'

SOIL PROFILE
642
0' hvy lrm
Rx 10-15%
6'
40-50% Hard Rock & micaceous SLM
Bottom 13'

639
hvy dk brn Lm w/ clay skin peds 56'
micaceous dk brn
7' 25% Rx } tan fine SLM
9'
Rx - 510%
Bottom 13 1/2'

641
Strong rd brn scl Lm 4 1/2'
Rx ~ 35%
dk brn micaceous s-s
12 1/2' - HARD Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
REALLY 638? HOMEWOOD RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2-20-02	565	6 1/2' S	4:12"	4:13 ⁰⁹	4:13 ⁰⁹	4:15 ²⁹	2 ²⁰ min	
		14' D					OK	
	639	6 1/2'	4:18	4:24	4:24	4:32	8 min	
		13 1/2' D					OK	
	640	6' S	4:31 ³⁸	4:33 ⁰⁰	4:33 ⁰⁰	4:38	5 min	
		12' B					OK	
	642	Fail due to rock and steep slope						F
	641	6 1/2'	4:43 ⁰⁰	4:44 ²²	4:44 ²²	4:46 ⁰⁷	2 min	
		12 1/2' Refusal	DEEP TEST REQ'D FOR FURTHER REVIEW					

640
DK rd Lm surface rock 10-15%
4'
DK brn hvy SLM SCL Lm
8'
Rock ← 15-20%
hard micaceous saprolite
Hard Bottom

REMARKS 641 - proceed directly in Rx Holes per plan
TYPE OF SOIL _____
TESTED BY Groedeking ALSO PRESENT Chuck Cross Mike Johnson
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____