

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.

ADDRESS 14420 HOWARD RD. DAYTON MD 21036
~~EAST SIDE OF HOODS HILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO

ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2117

PROPERTY LOCATION:

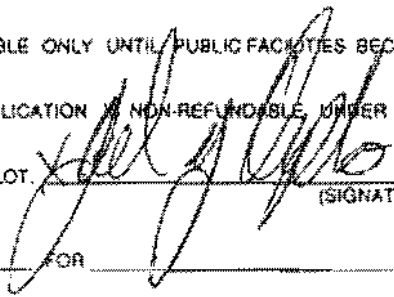
SUBDIVISION MULLINIX PROPERTY LOT NO. LOT 2

ROAD AND DESCRIPTION RT 97, 1/4 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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 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 #

Lot 1

SOIL PROFILE

SOIL PROFILE

Red Br Heavy Loam

Red Br Heavy Loam

Light Br Sa Loam

Beige Sa Loam

~20% Rock

15-20% Rock

Dull Grey Coloring Below 11'

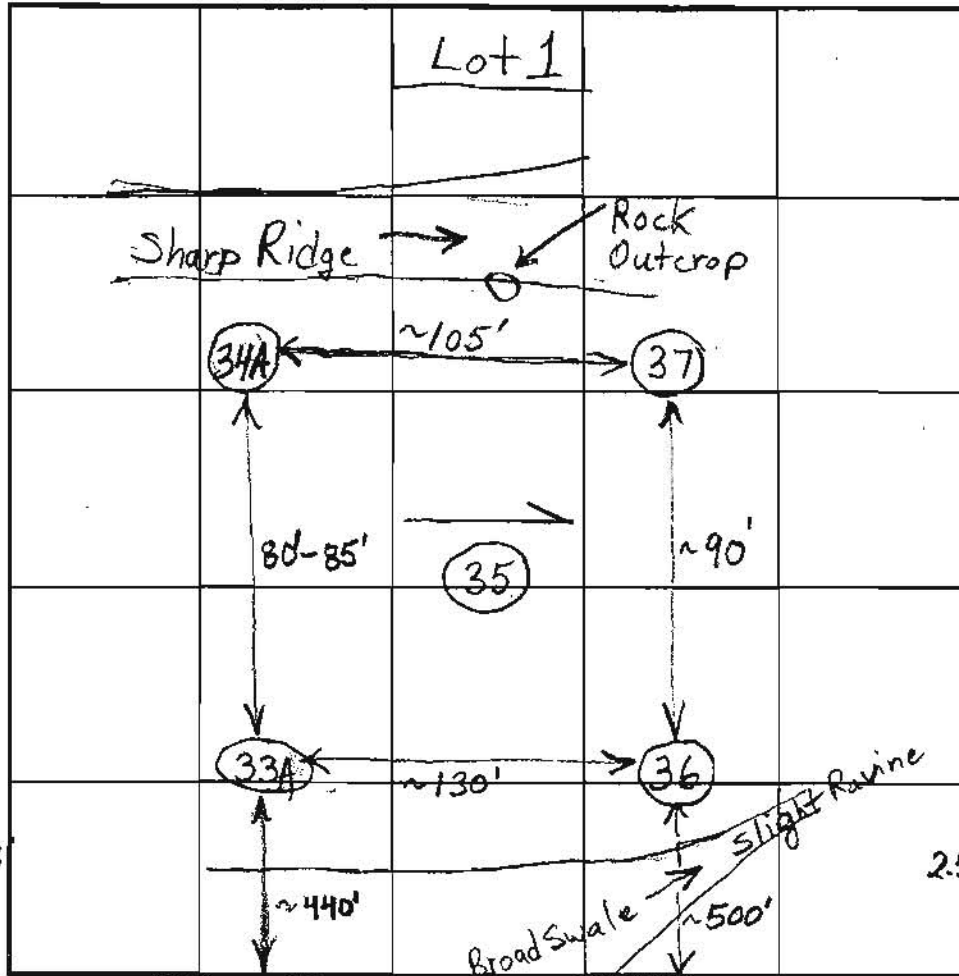
Undiggable Rock Hard Bottom 11.5'

33A

Red Br Heavy Loam

Light Br Sa Loam

25-30% Rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

Red Br Heavy Loam

Med Br Sa Loam

~35% Micaceous Rock Fragments

Red Br Heavy Loam

Med Br Sa Loam

25-30% Rock

Dull Grey Coloring

Caving Water

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/02	34A	6.5'/13.5'	11:01:15	11:08:30	11:08	11:18	10
		4'	11:02:30	11:09	11:09	11:17	8
	35	6.5'/13'	11:24:45	11:28:30	11:28:30	11:34:30	6
		3'-3.5'	11:24	11:27:45	11:27:45	11:34:45	8
	36	6.5'/13'	11:44	11:51:30	11:51:30	11:57:30	6
		3.5' - Little Movement 1/8" in 10-15 minutes					
	33A	4'/14'	1:17:30	1:26	1:26	1:39:30	13 1/2
		7'	1:17:45	1:21	1:21	1:27:30	6 1/2
	37	11.5'					(F)

REMARKS ~1' Wide Test Holes

TYPE OF SOIL Shallow System

TESTED BY B. Baker

ALSO PRESENT

TRENCH DESIGN DATA - AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 Mullinix, Elizabeth

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER John Congedo

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mullinix Property LOT NO. _____

ROAD AND DESCRIPTION Hoods Mill Road - East Side

TAX MAP 8 PARCEL # 166

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

COUNTY #

SOIL PROFILE

(115)

Heavy Loam

14"

Sub Angular
Blocky Heavy
Loam

2'

Si Loam
Massive
Structure

5-10%
Rock

Caving

13'

Water

13.5'

(114)

Or Red Br
Heavy Si Loam

28"

Si Loam

~5% Rock
Rock

30-40%
Saprolite

12'

(113)

Topsoil

16"

Si Loam

~5% Rock
Rock

>50%
Saprolite
and
Rock

9'

14'

SOIL PROFILE

(126)

Loam

2'

Very
Fine
Silt Loam

15-20%
Saprolite



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE:

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/02	115	4'9"/135"	1:24	1:28:15	1:28:15	1:35:15	7
	114	5'/14'V	1:37	1:49	1:49	2:11	22
	113	4'10"/14'V	1:49:30	1:56:30	1:56:30	2:12:30	16
	126	4.5'/14.5'V	1:19:30	2:21:15	2:21:15	2:24:30	3min/2 sec
	1						

REMARKS

TYPE OF SOIL

TESTED BY

B. Baker

ALSO PRESENT

TRENCH DESIGN DATA AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

3'

MAXIMUM BOTTOM DEPTH

5'

SQ FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.

ADDRESS 4420 HOWARD RD DAYTON MD 21036
EAST SIDE OF HOODS HILL (RT 97) PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO

ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2717

PROPERTY LOCATION:

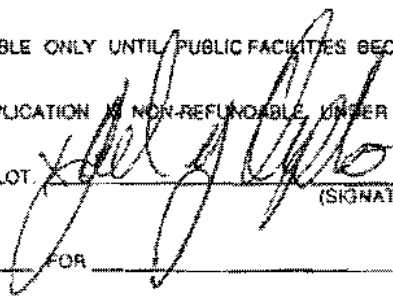
SUBDIVISION MULLINIX PROPERTY LOT NO. LOT 2

ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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.D.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

Red Br Heavy Loam

Red and Or Brown Heavy Gravelly Loam

Light Br and White Sa Loams ~25% Rock

Red Br Heavy Loam

Red Br Loam

Or Brand Red Br Sa Loams Small 35-40% Rock Pockets ~15-20% avg.

Tan Sa Loam ~20% Rock 3 Wide Pocket of ~50% Rock from 7 1/2 - 11 1/2'

Red Br Heavy Loam

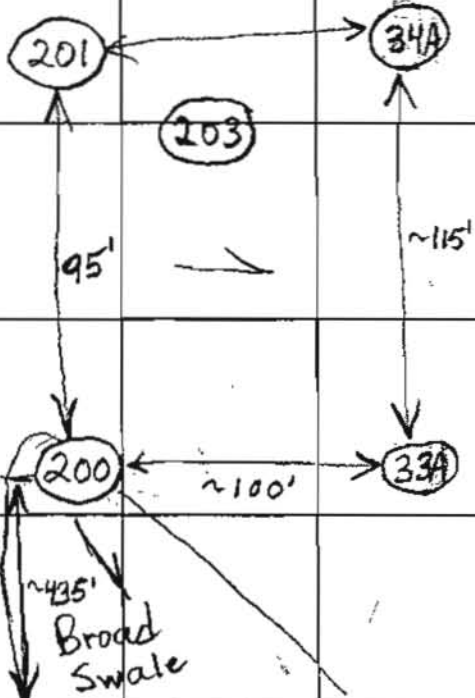
Red and Or Br Sa Loams

4 1/2 - 6' Small Pocket of ~50% Rock ~35% Rock Overall

Tan Sa Loam

15-20% Rock

Sharp Ridge



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 77

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/02	200	6'/14V	1:32	1:32:30	1:32:30	1:33:10	40 sec
		Repair	1:42:35	1:43:45	1:43:45	1:45:40	~2
		4.5-5'	1:41	1:42	1:42	1:47:45	~6
		4'	1:48:45	1:57	1:57	2:09	12
	201	7'/13.5V	2:29	2:31:15	2:31:15	2:34:45	3 1/2
		3.5-4'	2:27	2:28:50	2:28:50	2:31:45	~3
	203	6'/14V	3:05	3:06:35	3:06:35	3:09:20	~3
		3.5'	3:05:30	3:14:30	3:14:30	3:29:30	15

REMARKS ~1' wide Test Holes No Hole 202

TYPE OF SOIL Don't Move Further into swale with hole 200

TESTED BY B. Baker ALSO PRESENT

TRENCH DESIGN DATA WEAPONS DIVISION

INLET DEPTH MAXIMUM BOTTOM DEPTH 30 FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 Mullinix, Elizabeth

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER John Congedo

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mullinix Property LOT NO. _____

ROAD AND DESCRIPTION Hoods Mill Road - East Side

TAX MAP 8 PARCEL # 166

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

COUNTY #

SOIL PROFILE

0' **300**

Or Br Loam 2'

Light Tan Sa Loam

5-10% Saprolite

12'

301

Red Br Heavy Loam 3.5-7'

Light Tan Sa Loam

10-15% Saprolite

Variable Top Clay Layer

13.5'

302

Red Br Heavy L 2.25'

Si Loam

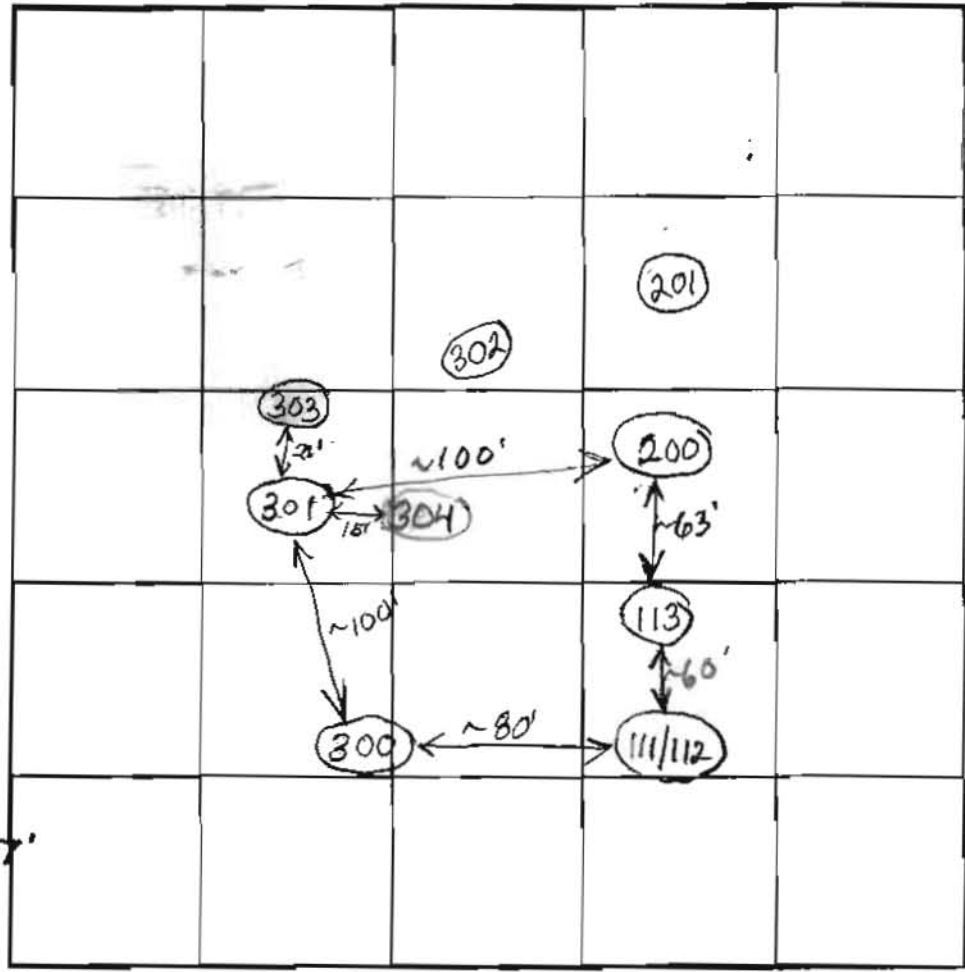
10-15% Rock

4'

Med Fine Sa Loam 6-7'

~20% Saprolite

11'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/25/02	300	5' / 12' V					5 1/2
	301	56" / 13.5' V	~60 minutes		an inch		Slow
	303	5' Visual					1.5
		Would Perc 4'					
	304	5' Visual					
		Would Perc 4'					
	302	11' V					

REMARKS Top Systems 4.5' Bottom, Lower Systems 4.0 Bottom

TYPE OF SOIL Design Top Systems for 15-24 minute rate

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.
14420 HOWARD RD. DAYTON MD 21036
ADDRESS ~~EAST SIDE OF HOODS HILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO
ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2717

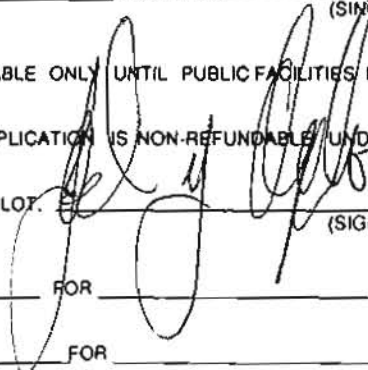
PROPERTY LOCATION:

SUBDIVISION MULLINIX PROPERTY LOT NO. LOT 2
ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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 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'

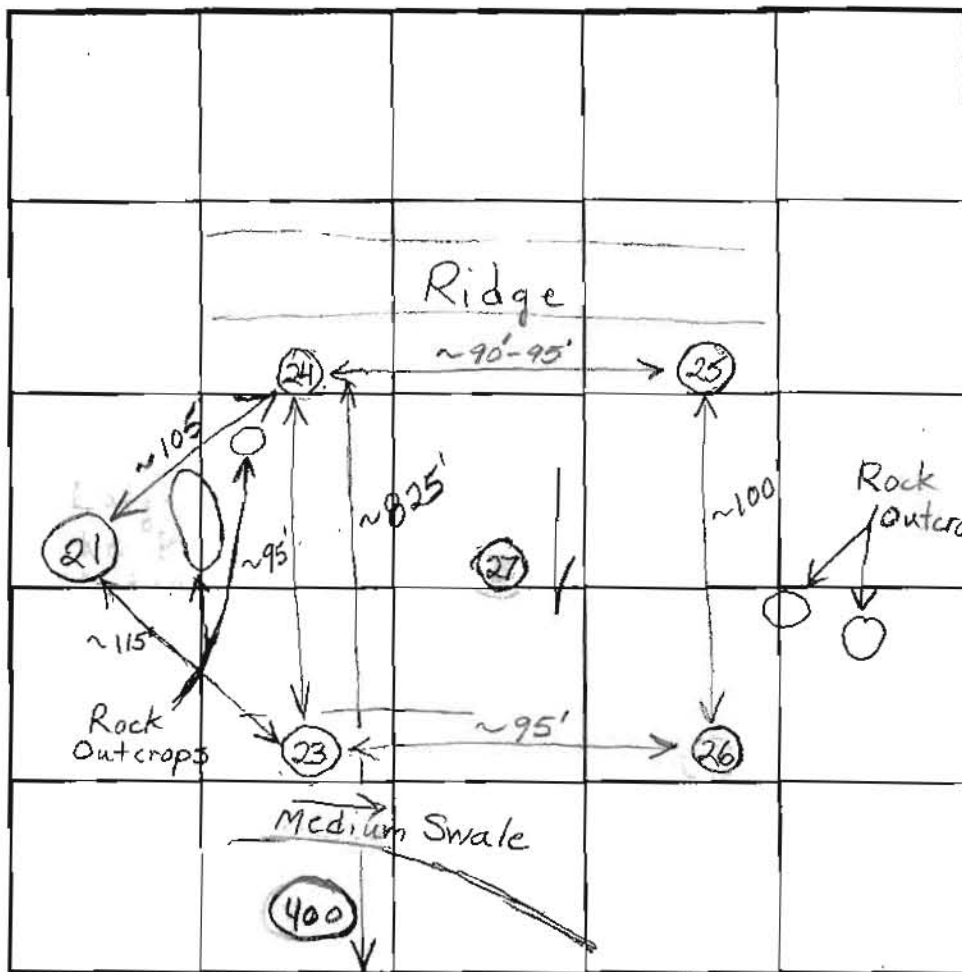
Hole Covered,
Backhoe Operator Reported
>50% Rock at ~1'

(23)

Hole Covered,
Backhoe Operator Reported
>50% Rock ~1'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/02	24						(F)
	23						(F)
	25	Not Dug					
	26	Not Dug					
	27	Not Dug					
	400	Not Tested	Deep Clay ~8'				(F)
		and in top of swale					

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SO FT/BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 Mullinix, Elizabeth

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER John Congedo

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mullinix Property LOT NO. _____

ROAD AND DESCRIPTION Hoods Mill Road - East Side

TAX MAP 8 PARCEL # 166

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.K.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 _____

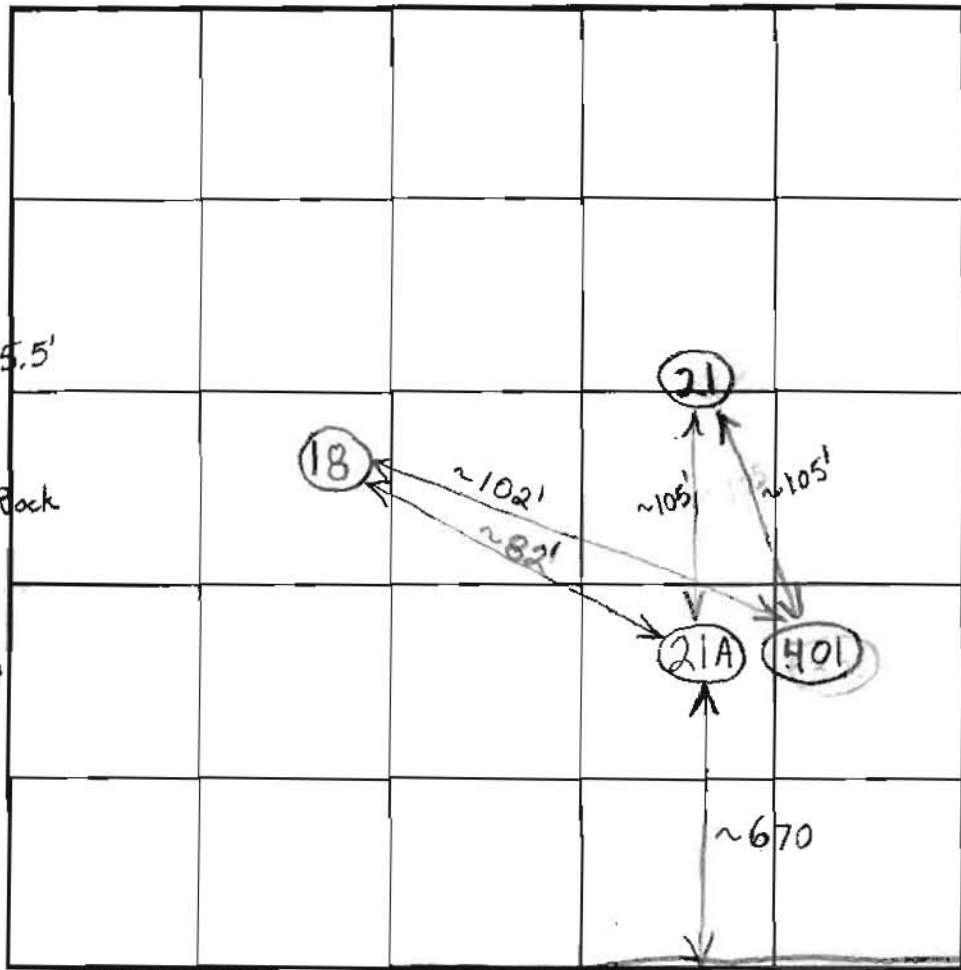
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (21A)
 Red Br Heavy Loam 4'
 Red Br Sa Cl Loam 5'-5.5'
 Red Br Sa Cl Loam and Sa Loam 10-15% Rock
 3' Diameter Pocket of ~50% Rock
 Tan Sa Loam 15-20% Rock 13.5'



SOIL PROFILE

0' (401)
 Red Br Heavy Loam 4.5'
 Red Br Sa Cl Loam 15-20% Rock
 Tan Sa Loam
 Close to 50% Rock 13.5'

(29)

Red Br Heavy Loam 4'
 Beige Sa Loam ~25% Rock
 2 Large Pockets of >50% Rock - 1 Below 6.5' and 1 Below 8'
 >50% Rock Hard 12.5'-13' Bottom

(30)

Red Br Heavy Loam 2'
 Light Br Sa Loam 20-25% Rock
 14' 8" Wide 13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/02	21A	5.5'/13.5'V	11:20:30	11:39	11:39	Slow in 30 minutes	~7/8"
		6.5'	11:19	11:35:30	11:35:30	12:04:30	29
	401	4'/13.5'V	3:40	~1/2"	in 30 minutes		Slow (E)
	29	7'/12.5'-13'	1:41:45	1:43:50	1:43:50	1:47	~3 (F)
	1' Wide Hole	4.5'-5.0'	1:42	1:44:30	1:44:30	1:48	3 1/2
	30	5.5'/13'V	1:59	2:00:05	2:00:05	2:01:35	1 1/2
	1' Wide Hole	7.5'	1:59	2:00:20	2:00:20	2:03:30	2min 10sec
	39	5.5'	2:59:30	3:01:15	3:01:15	3:04	2min 45sec
	1' Wide Holes	7'/13'V	2:59:15	3:00:15	3:00:15	3:01:45	1 1/2
	Repair	R 7'	3:06:45	3:07:55	3:07:55	3:10:10	2min 15sec

REMARKS

TYPE OF SOIL

TESTED BY B. Baker

ALSO PRESENT

TRENCH DESIGN DATA AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.

ADDRESS 14420 HOWARD RD. DAYTON MD 21036
~~EAST SIDE OF HOODS HILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO

ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2717

PROPERTY LOCATION:

SUBDIVISION MULLINIX PROPERTY LOT NO. LOT 2

ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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 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

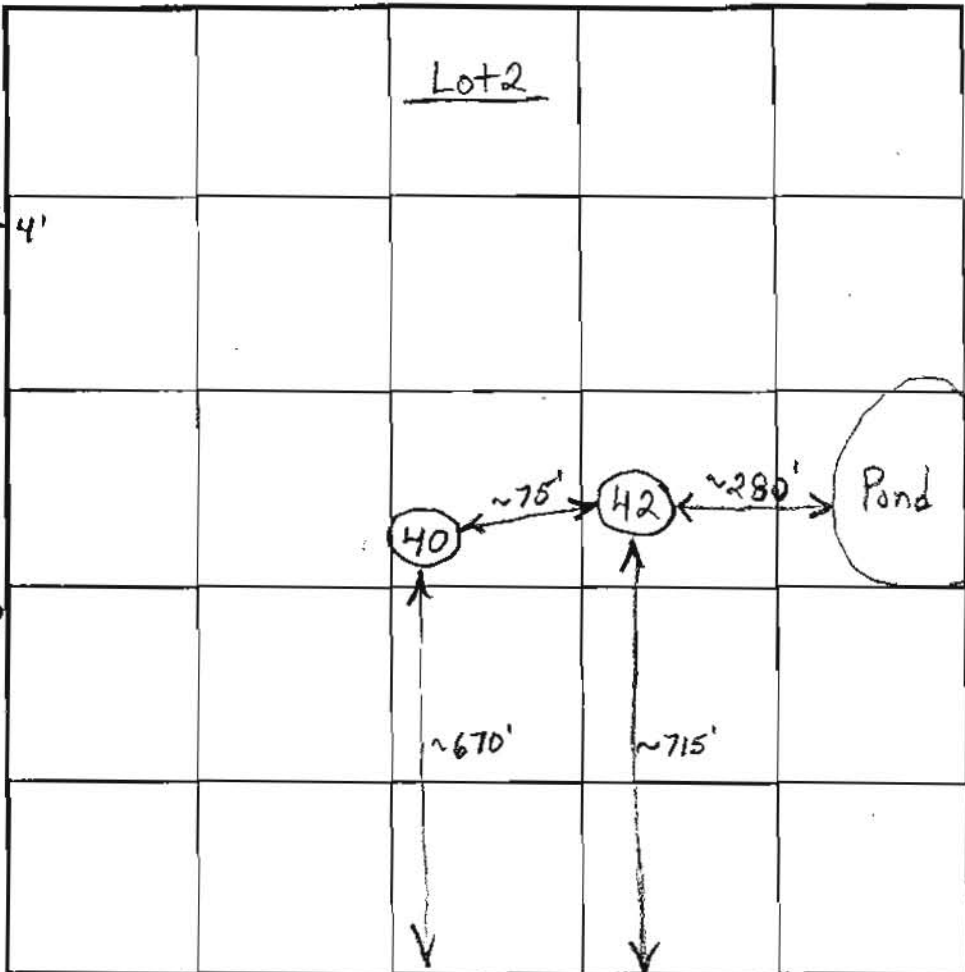
COUNTY #

SOIL PROFILE

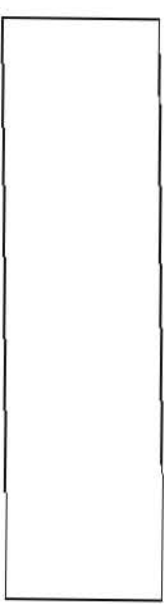
0' **(42)**
 Red Br Heavy Loam
 2.5-4'
 Or Br Sa Loam
 ~25% Rock
 9.5'
 Mottling
 12.5'
 Wet Water 13.5'

(40)
 Red Br Heavy Loam 3'
 Or Br Sa Loam
 ~10% Rock
 11'
 Mottling
 Water 13.5'

11'
 5'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/02	42	13.5' V					(F)
	40	13.5' V					(F)

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker ALSO PRESENT _____
 TRENCH DESIGN DATA AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ 50 FT BEDROOM _____

Howard County Health Department

To: _____

Remainder of Testing
Done on Mullinix
Parcel

From: _____

Date: _____

HD-170

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.

ADDRESS 14420 HOWARD RD DARTON, MD 21036
~~EAST SIDE OF HOODS MILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO

ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2717

PROPERTY LOCATION:

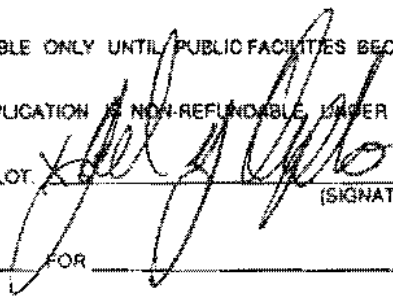
SUBDIVISION MULLINIX PROPERTY LOT NO. LOT 1

ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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 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

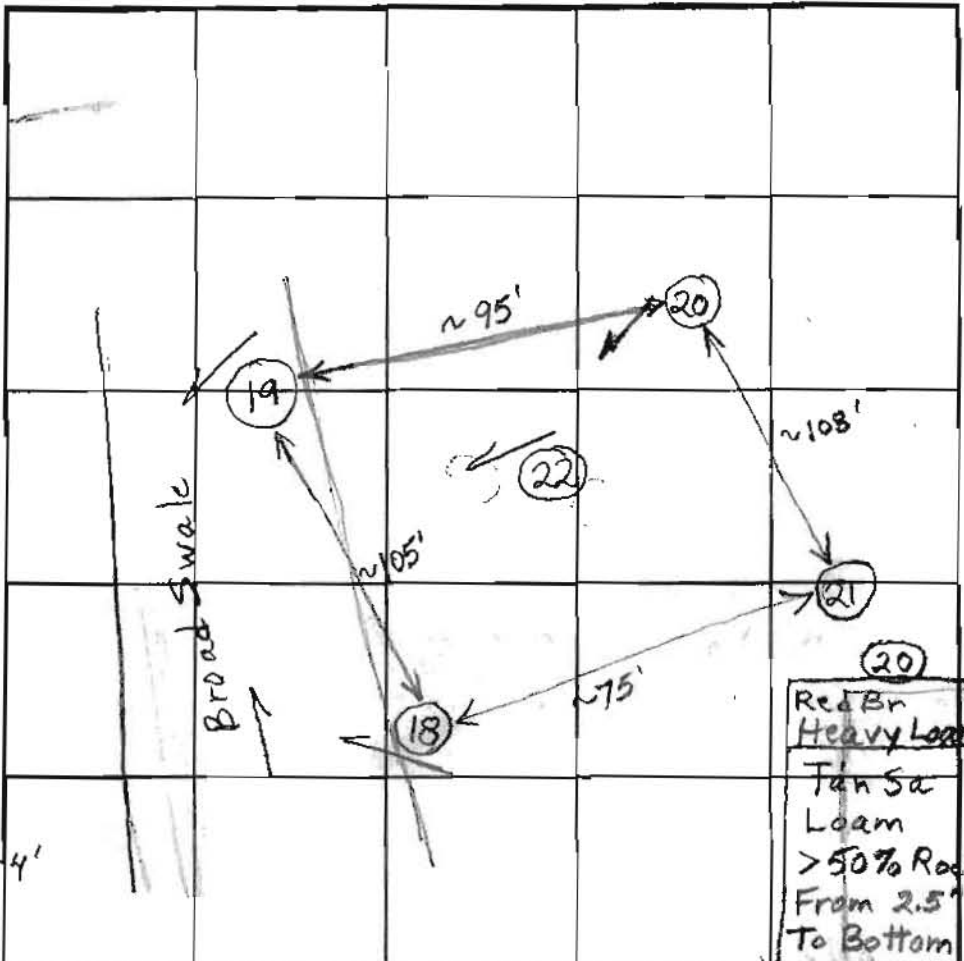
0' (22)
 Red Br Heavy Loam 3.5'
 Tan Sa Loam ~ 30% Rock 13.5'

(18)

Red Br Heavy Loam 3.5'-4'
 Tan Sa Loam
 Small Pocket of 30-35% Rock From 9'-12'
 ~15-20% Rock Overall 14'

(19)

Red Br Heavy Loam 4'
 Tan Sa Loam ~15-20% Rock
 Large Vein of 80-90% Rock Hard Bottom 9.5'



SOIL PROFILE

0' (21)
 Red Br Heavy Loam 3.5'
 Red Br Loam 5'
 Mix of Red Br Loam and Tan Sa Loam 10-15% Rock 8'
 Tan Sa Loam 13.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/02	22	7'/13.5' V	9:28	9:29:15	9:29:15	9:31:30	2 min / 5 sec
		4.5'	9:30:30	9:33	9:33	9:38	5
	18	6.5'/14' V	9:41	9:42:20	9:42:20	3:45	2 1/2
		4'-4.5'	9:46	9:55:30	9:55:30	10:18:30	23
	19	Would Probably Be Quicker 6" Deeper (F)					
	19	9.5' V					(F)
	21	5.5'/13.5' V	10:43:45	10:50	10:50	10:58	8 (F)
		6.5'-7'	10:38:45	10:41:30	10:41:30	10:46:15	~5
	20	Hard Bottom at 4' in Uphill Side of Hole (F)					
	20	6.5' V					(F)

REMARKS Holes Dug With Post Hole Digger

TYPE OF SOIL

TESTED BY B. Baker ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 Mullinix, Elizabeth

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER John Congedo

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Mullinix Property LOT NO. _____

ROAD AND DESCRIPTION Hoods Mill Road - East Side

TAX MAP 8 PARCEL # 166

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

COUNTY # _____

SOIL PROFILE (123)

0'

Wet (124) 12'

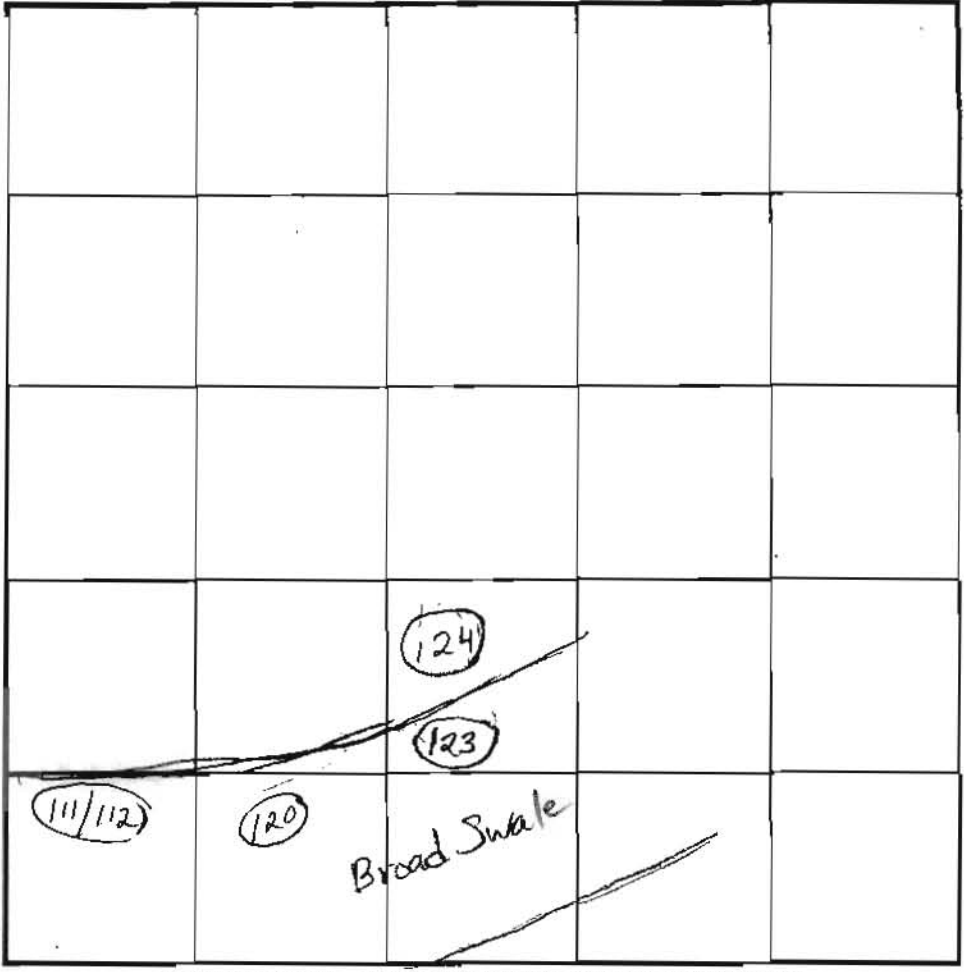
Water (120) 13.5'

Pockets of >50% Rock 5'

Mottling 9'

Seepage 10.5'

Water 12'



SOIL PROFILE 111/112

Topsoil 8"

Or Brown Loam 2'

White Sa Loam and Or Br Si Loam

~20% Saprolite

15'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/25/02	123	12'V					(F)	
	124	13.5'V					(F)	
	125	Covered by backhoe operator Reported Rock Failure						(E)
	120	12'V					(E)	
	111/112	5'/15'V	3:07	3:10:10	3:10:10	3:16:10	6	

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker ALSO PRESENT _____

TRENCH DESIGN DATA AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.

ADDRESS 14420 HOWARD RD. DARTON, MD 21036
~~EAST SIDE OF HOWARD HILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO

ADDRESS 885 RT 97 COOKSVILLE 21123 PHONE 443-463-2717

PROPERTY LOCATION:

SUBDIVISION MULLINIX PROPERTY LOT NO. RESIDUE

ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 72 ACRES ± 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 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

(31)

Red Br Heavy Loam 2.5'

Tan Sa Loam
~30% Rock
Overall Pocket of 750% Rock from 6'-8'
Pockets of ~40% Rock Below 10'

(28)

Red Br Heavy Loam 3'

Med Br Sa Loam
Pockets of 30-40% Rock
From 5.5' to 8'

(32)

Red Br Heavy Loam 2.5'

Tan Sa Loam
15-20% Rock
A few Pockets of ~30% Rock

SOIL PROFILE

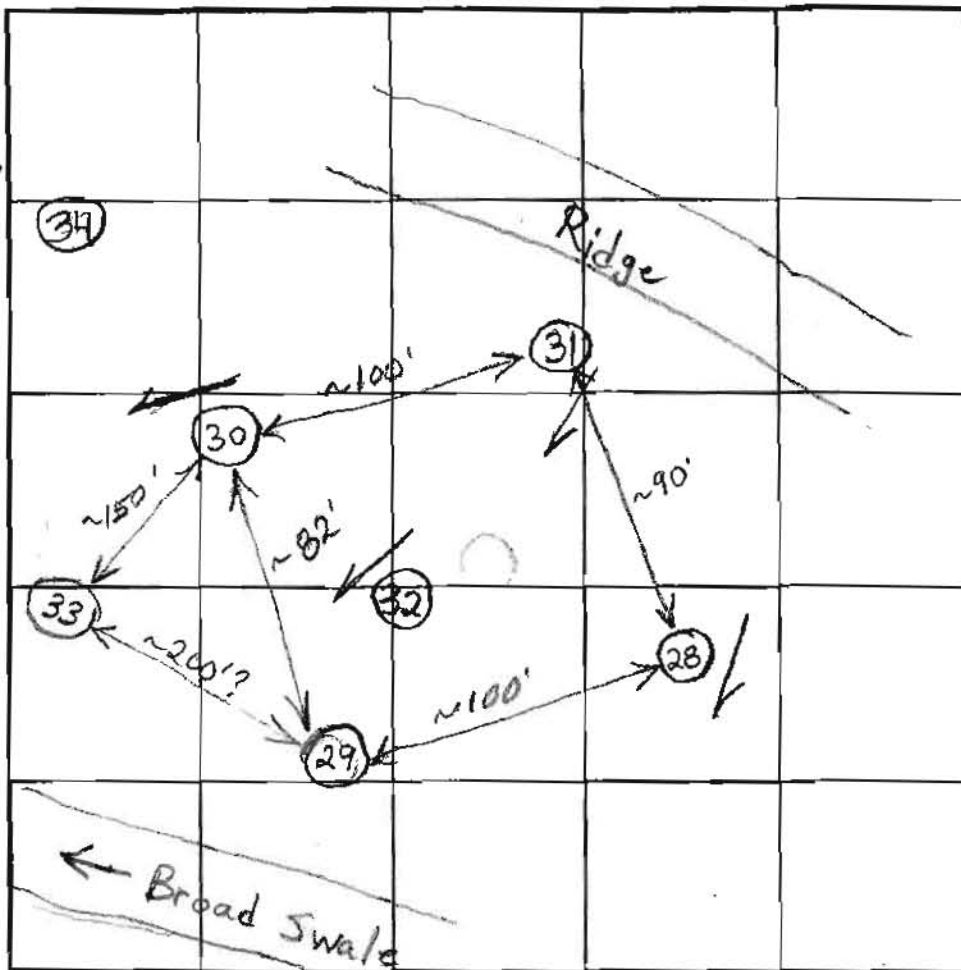
(33)

Red Br Heavy Loam 7'

Tan Sa Loam
~5% Rock

Mottling 9.5'

Open 1 Hour Dry 14'-14.5'



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/02	31	6.5'/13'V	12:30:30	12:31:10	12:31:10	12:32:20	1/min 10 sec
		5'	12:31:30	12:32:15	12:32:10	12:33:10	~1/min (F)
	Redug 1' Wide	5'	12:37:30	12:38:45	12:38:45	12:40:25	1/min 40 sec
	Redug 1' Hole	6.5'	12:43	12:45	12:45	12:48	3
	1' Hole Repair	5'	12:45:30	12:47:30	12:47:30	12:50	2 1/2
	28	5.5'/12.5'V	1:01:30	1:04:15	1:04:15	1:09:15	5 (F)
	1" wide hole	8'	1:01:15	1:02	1:02	1:03:15	1/min 15 sec
	Repair	8'	1:14	1:15:50	1:15:50	1:18	2 min 10 sec
	32'	7'/13.5'V	1:28	1:30	1:30	1:33	3 O.K.
	1" Wide Hole	5'-5.5'	1:28:15	1:29:15	1:29:15	1:30:50	~1 1/2

REMARKS 33 14'-14.5'V

TYPE OF SOIL

TESTED BY B. Baker ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ FT/BEDROOM

APPLICATION

PERCOLATION TESTING

A 516543

P _____

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

DISTRICT _____

DATE 2/28/02

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 MULLINIX, ELIZABETH C.
14420 HOWARD, RD. DAYTON, MD 21036
ADDRESS ~~EAST SIDE OF HOODS HILL (RT 97)~~ PHONE _____

AGENT OR PROSPECTIVE BUYER JOHN CONGEDO
ADDRESS 885 RT 97 COOKSVILLE 21723 PHONE 443-463-2717

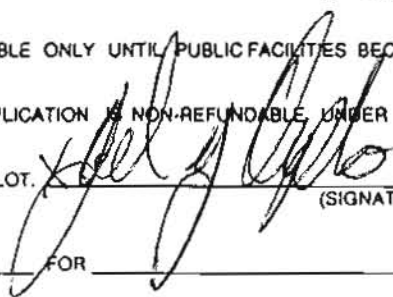
PROPERTY LOCATION:

SUBDIVISION MULLINIX PROPERTY LOT NO. ~~1~~ Remainder
ROAD AND DESCRIPTION RT 97, 1/2 MILE NORTH OF ^{OLD} FREDERICK RD.

TAX MAP 8 PARCEL # 166

SIZE OF LOT 1 ACRE ± 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 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

100

Red Br Heavy Loam 3'

Tan Sa Loam ~10-15% Rock

102

Red Br Heavy Loam 3'

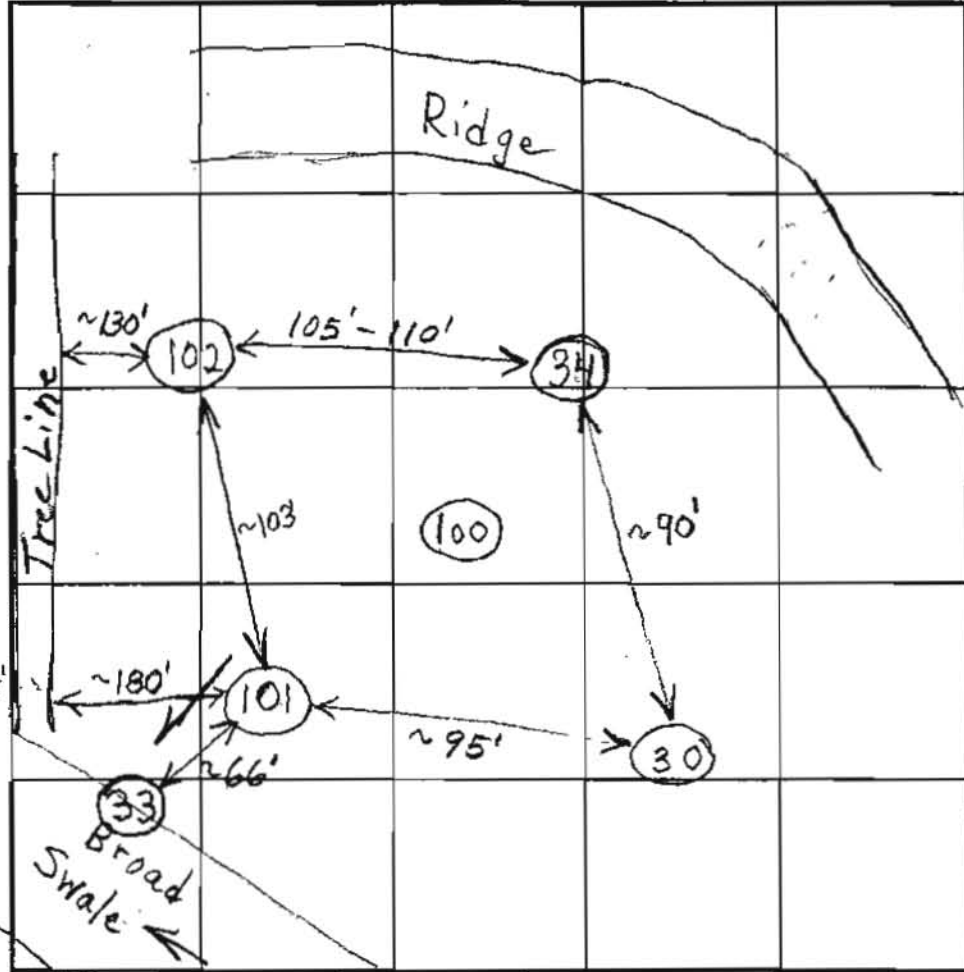
Tan Sa Loam 5-10% Rock 7.5'

Tan Sa Loam Large Pockets of >50% Rock 13.5'

101

Red Br Heavy Loam 4'

Tan Sa Loam ~10% Rock 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Route 97

SOIL PROFILE

34 30

Red Br Heavy Cl Loam 3'

Med Br Sa Loam 15-20% Rock A few 1' diameter pockets of ~30% Rock 9'
One 12"-18" wide pocket of ~40% rock to bottom 13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/29/02	100	6.5'/13.5'	9:07:30	9:11	9:11	9:15:30	4 1/2
	101	5'-5.5'/14'	9:07:40	9:09:15	9:09:15	9:11:30	2min 15sec
	102	7.5'/13.5'	9:27:30	9:29	9:29	9:31:15	2min 15sec
		3.5'-4'	9:28	9:34:30	9:34:30	9:43	8 1/2
	101	7.5'	9:56:15	10:08:30	10:08:30	10:27	18 1/2
		4.5'	9:57	10:13	10:13	10:27:30	14 1/2
	100	3.5'-4'	10:18	10:20	10:20	10:24	4
	30	4'	10:26	10:27:45	10:27:45	10:30:15	2 1/2
	34	3.5'	10:37:15	10:39:45	10:39:45	10:44:45	5

REMARKS: 1' Wide Test Holes
 TYPE OF SOIL: Shallow Trenches Only for 1st System
 TESTED BY: B. Baker
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 TRENCH WIDTH 3
 INLET DEPTH 1.5 MAXIMUM BOTTOM DEPTH 3.5 SQ FT/BEDROOM 210