

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ 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

333
 4.0 mottled SiClM
 standing water @ 5.5

332
 7.0 red brn SiClM
 red brn SiClM <10% Rx
 standing H₂O @ 10.0
 evidence (mottles) @ 8.0
 12.0

331
 8.0 bright red SiClM
 1st yellow and orange SiClM
 10-20% frags
 12.0

334
 5.0 orange brown SiClM
 40% Rx
 60-70% rock beginning @ 5.0
 water @ 9.0

335
 3.5 bright red SiClM
 1st beige SiClM
 10% rock water @ 12.5

330
 like 335 but dry @ 12.0

329
 5.0 bright red SiClM
 bright red w/ orange mottles SiClM
 11.0 yellow & red mottled SiClM
 20% Rx
 12.0

328
 5.0 bright red SiClM
 1st grey brown SiClM
 40% Rx
 12.0

327
 7.0 heavy red SiClM
 20% Rx
 8.0 red brn SiClM
 70% Rx
 grey & black shale
 11.0

338
 5.0 bright red SiClM
 1st tan SiClM
 40-50% Rx
 7.0 refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6-4-98	333	Insufficient depth to	H ₂ O-		see profile		F	
	332	6.0 / 12.0	2:05	No 1 st inch @	2:36			
		Insufficient depth to H ₂ O & deep clay					F	
	331	6.5 / 12.0	2:09	No 1 st inch @	2:35			
		Deep clay - no perc					F	
	334	Insufficient depth to bedrock					F	
	335	4.0 / 12.5	11:41	1/2"	1/2" @ 12:05	slow	P	
		6.0 / 12.5	2:19	2:30	2:30	2:50		20min
	330	4.5 / 12.0	11:28	11:35	11:35	11:55	20min	P
	329	5.5 / 12.0	11:42	11:49	11:49	12:00	11min	P
	328	6.0 / 12.0	11:44	12:01	12:01	12:20	19min	P
	327	Insufficient depth to bedrock & deep clay					F	
	338	Insufficient depth to bedrock & deep clay					F	

REMARKS _____

TESTED BY Amy McMillen ALSO PRESENT Mr Smith

339
refusal
@
6.0'

326
60%
Rx
beginning
at
7.0
dark
red
silt
w/ 30%
Rx to 5.0

336
bright
red
silt
4.5
1.0
12.0
1.0
10% Rx
mottled
dull
or brn
red & blk
mottles

337
bright
red
silt
3.5
11.5
red
brown
silt
40-
50%
Rx

340/341
water
coming
in @
3.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-4-98	339	Insufficient depth to bedrock					F
	326	Insufficient depth to bedrock					F
	336	5.5 VI 2.0	12:05	12:32	No movement		slow
		6.5 VI 2.0	2:20	2:35	2:35	2:51	16min
	337	4.5 VII 1.5	12:15	12:18	12:18	12:21	3min
	340	Insufficient depth to H ₂ O					F
	341	Insufficient depth to H ₂ O					F

REMARKS 336 - Hold for wet season

TESTED BY Amy McMillen ALSO PRESENT Mr Smith

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AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

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SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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THIS IS NOT A PERMIT

COUNTY #

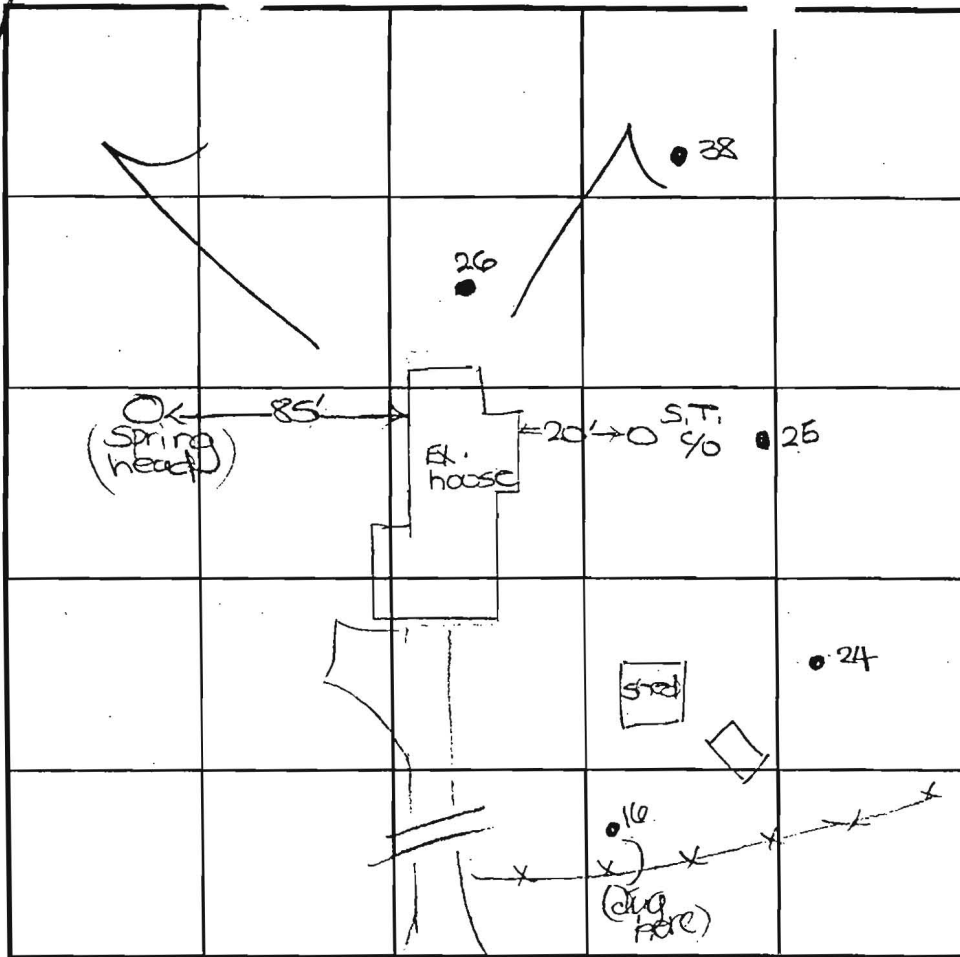
SOIL PROFILE

0'

Empty box for soil profile data on the left side.

Empty box for soil profile data on the left side.

Empty box for soil profile data on the left side.



SOIL PROFILE

0'

Empty box for soil profile data on the right side.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Route 94

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-25-97	10	10.5'D	Water	(Redox @ 10.5')			FAIL
	24	8.0'D	Water	(Redox @ 3.5')			FAIL
	25	8'4" D	Water	(Redox @ 4.0')			FAIL
	26	3.0'D	Water				FAIL
	38	4.0'D	Water	(Redox @ 3.0')			FAIL

REMARKS _____

TYPE OF SOIL _____

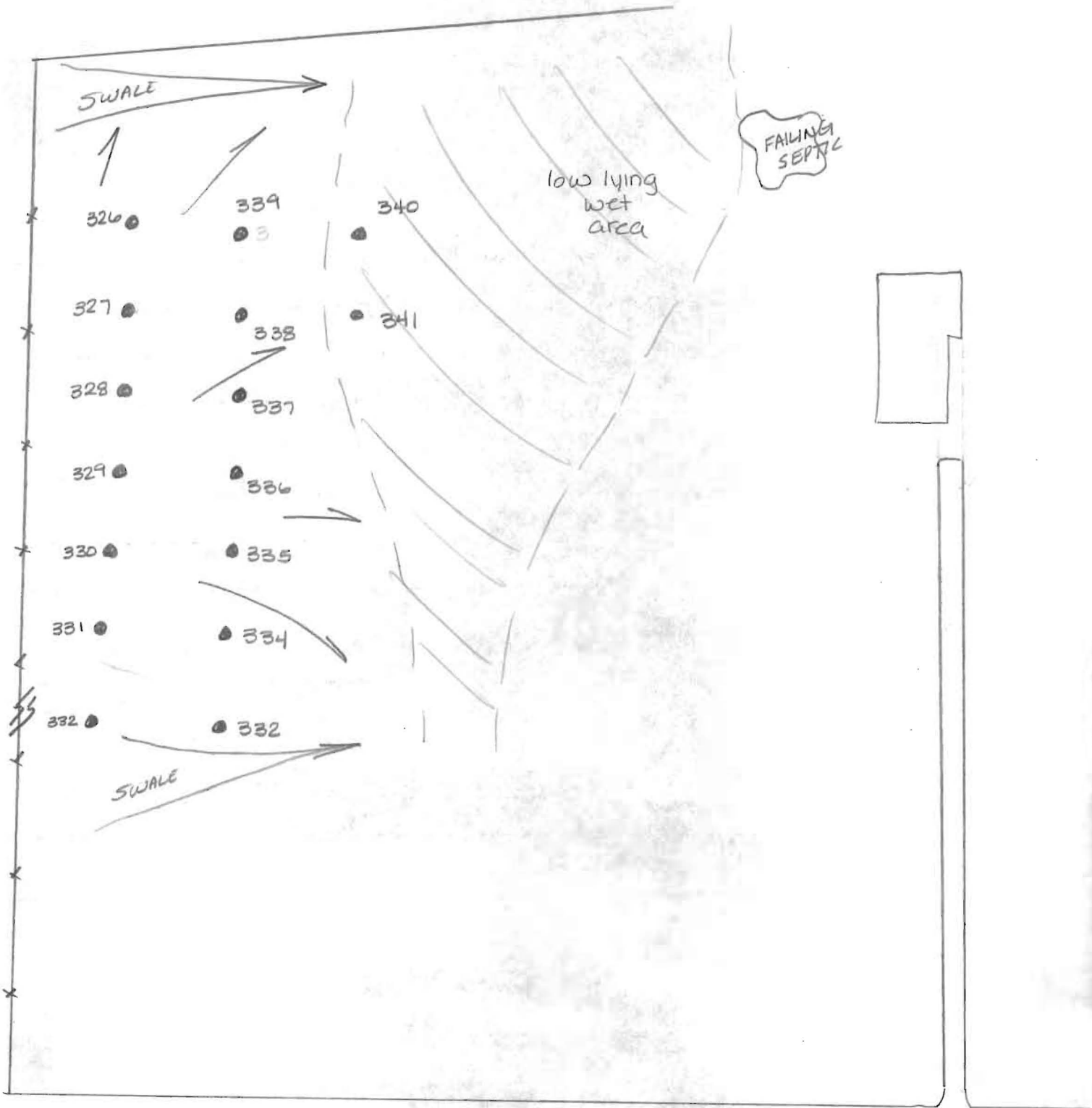
TESTED BY J. Soe ALSO PRESENT D. Kerr, D. Driscoll

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

EX
HSE

SMITH PROPERTY - ROUTE 94
PERCOLATION TESTING - 06/05/98



Rt. 94

3(4)98

326

F 339

11/4/15
327 F

4/4/83
338 F

333
mottled
SiCLM
standing water @ 5.5'
F

335
bright red SiCLM 4.0
lgt 3.5 11.41
bcigh 1/2" @ 12.05
SiCLM 6.0
10% Rx 2:19
water 12.5 2:30
2:50

328

337

329

* 336

332
red brn SiCLM 4.5
red brn SiCLM 7.0 11:15
SiCLM 11:35
20% Rx 6.0
standing water @ 2:05
10.0 NO 1st
evidence damp SiCLM @ 2:36
8.0 12

330 like 4.5
335 11:28
dry @ 11:35
12.0' P 11:55

330

* 335

* 331

F 334

* 332

F 333

329
bright red SiCLM 5.0 11:42
bright red w orange mottles SiCLM 11:49
yellow 11.0 P
red mottled SiCLM 12:00
20% Rx 12.0

338
bright red SiCLM 5.0
lgt tan SiCLM 7.0
40-50% Rx
F

339 refusal @ 6.0 F

326 60% Rx @ 7.0
dark red SiCLM 30% Rx to 5.0

swale

331
bright red SiCLM 4.0
lgt yellow and/or SiCLM 6.5
10-20% Rx frags 2:09
NO 1st inch @ 2:35

328
bright red SiCLM 6.0 11:44
lgt gray brown SiCLM 12:01
SiCLM 12:20
40% Rx P

* test deeper

336
bright red SiCLM 5.5 12:05
lgt or SiCLM 4.5 12:32
NO perc 6.5
10% Rx 2:20
mottled dull brn or red + blk mottles H2O related 9.0 2:35
dry 12.0 P

337
bright red SiCLM 3.0 4.5
red brn SiCLM 12:15
40-50% Rx 12:18
12:21

334
orange brown SiCLM 40% Rx 5.0
0-70% Rx 9.0
gunning @ 5.0
ster 9.0
F

327
heavy red SiCLM 20% Rx 7.0 F
red brn SiCLM 8.0
70% Rx gray & black shale 11.0

11.5

341
heavy cilm to 4.5
>50% R_v @ 4.5
standing H₂O @
6.0

340
water
@ 4.0



