

APPLICATION

PERCOLATION TESTING

A 50388

P _____

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

DISTRICT _____

DATE 11/10/94

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 Richard Hoenes

ADDRESS 8668 Baltimore National Pike
Ellicott City, Maryland 21043 PHONE (410) 465-2321

AGENT OR PROSPECTIVE BUYER Same

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION White Property LOT NO. Existing House

ROAD AND DESCRIPTION South side 15000 block of Carrs Mill Road; 1 mile +/- west
of Roxbury Mills Road intersection.

TAX MAP 14 PARCEL # 14

SIZE OF LOT 60,000 SF TYPE BLDG. Single Family
(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.

Richard Hoenes
(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

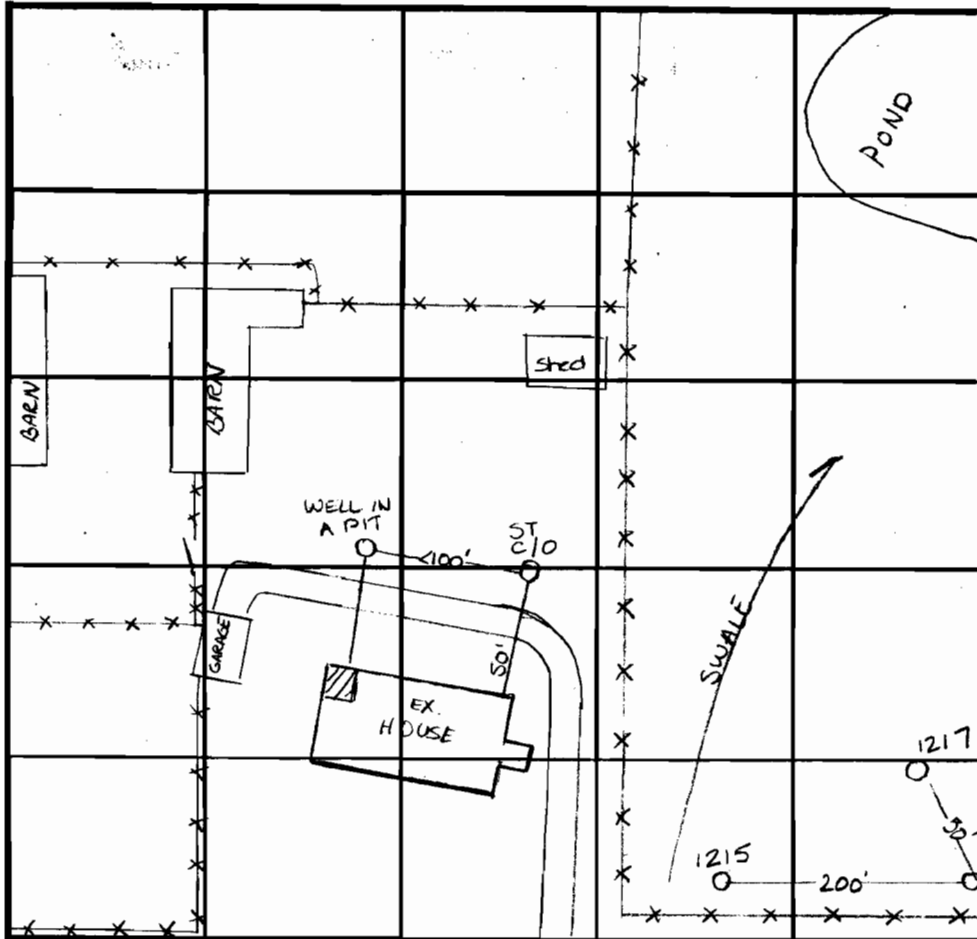
COUNTY #

SOIL PROFILE

0'
1215
orange
red
c

5'
lgt tan
w/
orange
tint
SSIL

12'



SOIL PROFILE

0'

1216 1217

4'
brn
CSIL

tan
greyish
SIL
decayed
rock
w/
grey;
black-
evidence of
high H₂O
table

12'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. CARRS MILL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12-22-94	1215	Visual to 12'					OK	
	1216	5'	10:53 ³⁰	10:57 ³⁰	10:57 ³⁰	11:13	15 1/2 min	
	1217	Not tested - wet season testing needed						

REMARKS wet season

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM



EXISTING HOUSE

COUNTY #

SOIL PROFILE

209

0' brn clay
 4' orange brn sil
 6' sandy tan loam white and orange tan mottles

208

dark brown c
 red sil

bright orange sil
 5% rock frags

207, 206

lgt tan cl

reddish sil

pink sil

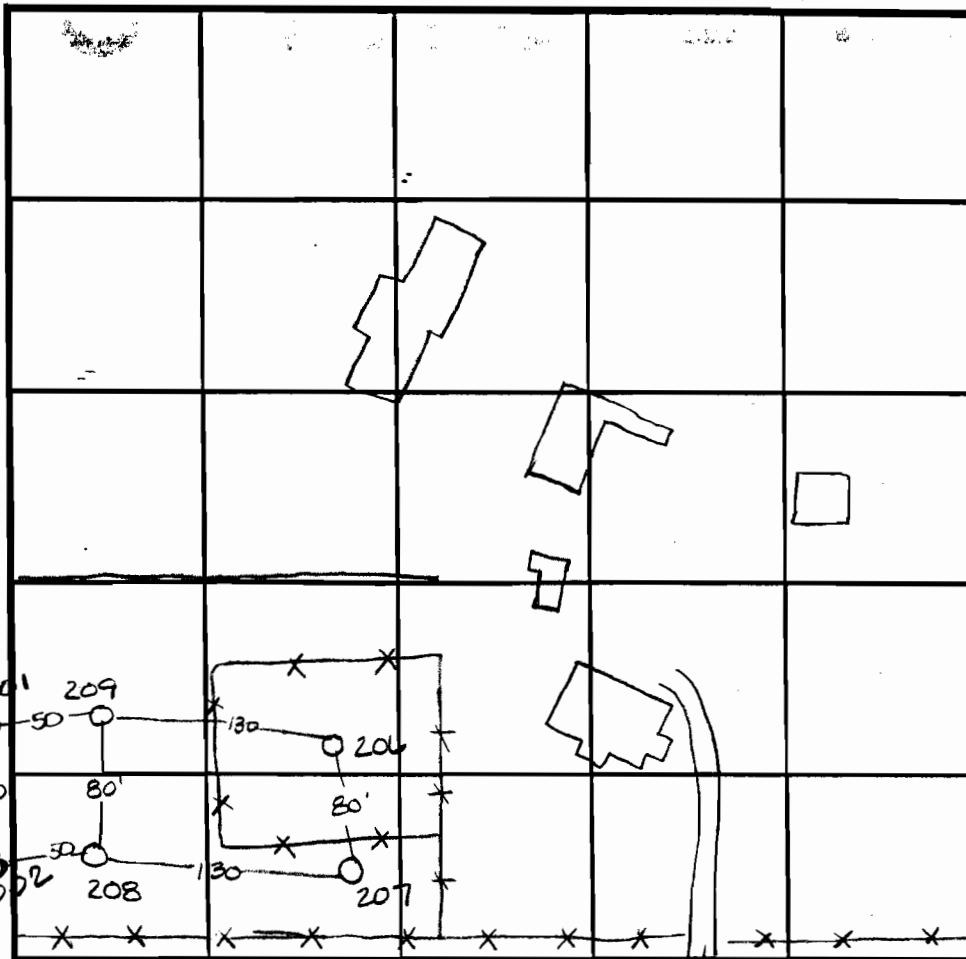
SOIL PROFILE

3001

0' dark orange brown silclm
 6.0' lgt brown silm
 11.2' mottled silm mottles are grey

3002

red brn silclm 20% shale
 brown silclm 10% frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-24-95	206	5' V12	6:24	6:29	6:29	6:40	11min
	207	4' V12	6:20	6:20 ³⁰	6:20 ³⁰	6:22 ³⁰	2min
	208	4.5' V12	5:52	5:58	5:58	6:16	18min
	209	4' V12	> 30 min				slow
	209	6' V12	6:12 ³⁰	6:23	6:23	6:26	3min
1-13-97	3001	6.0' V12.0	11:51	11:59	11:59	12:26	27min
	3002	5.0' V13.0	11:09				slow
		7.0' V13.0	11:33	11:36	11:36	11:41	5min

REMARKS Tests 3001/3002 are considered wet season tests due to the ↑ rainfall

TESTED BY Amy McMillen ALSO PRESENT 10.1997

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

A 50388

SUBDIVISION: Glen View

LOT NUMBER: 28

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

70 linear ft/bdrm

Trench to be 3.0 wide.

Inlet 4.0 feet below original grade.

Bottom maximum depth 6.0 feet below original grade.

Effective area begins at 4.0 feet below original grade.

2.0 feet of stone below distribution pipe.

- NOTE:**
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: _____

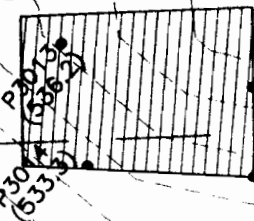
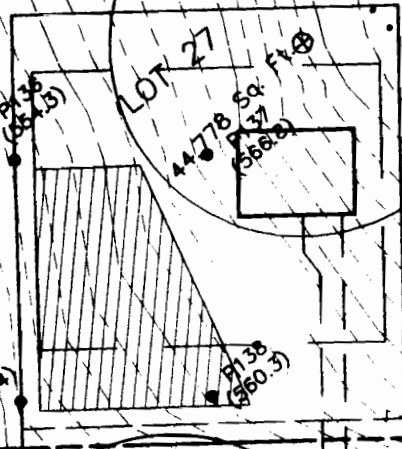
OF

SUBM

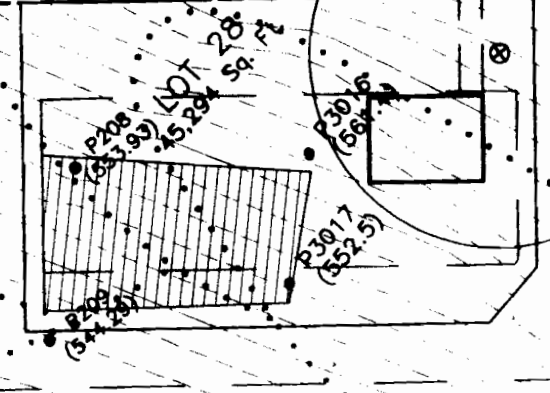
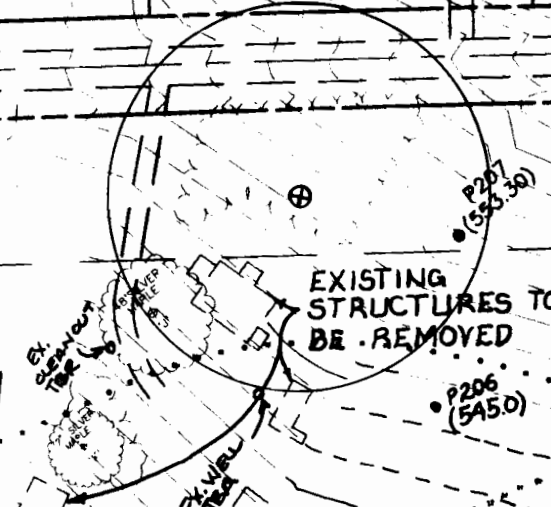
Approved
Revised
Peric Cert
1-97

CARRS MILL ROAD
(SCENIC ROAD-LOCAL)
(50' ULTIMATE R/W)

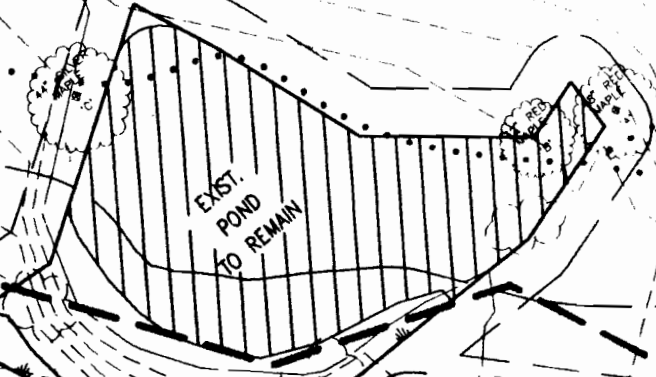
EX. 20' PAVING



PROPOSED HOUSE



520



BARN

BARN

EXISTING STRUCTURES TO REMAIN

75' STR. BUFFER

25' WETLAND BUFFER

SUBM

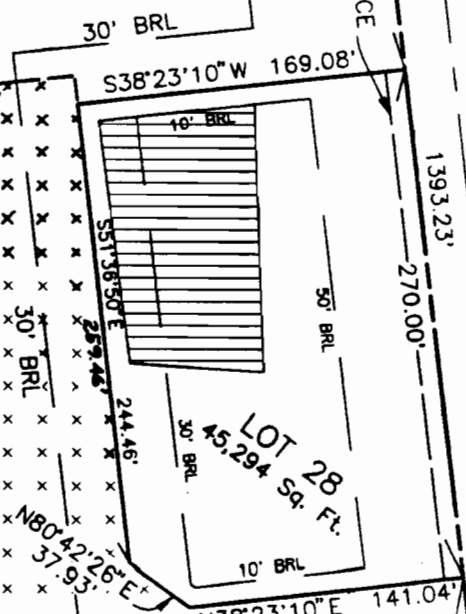
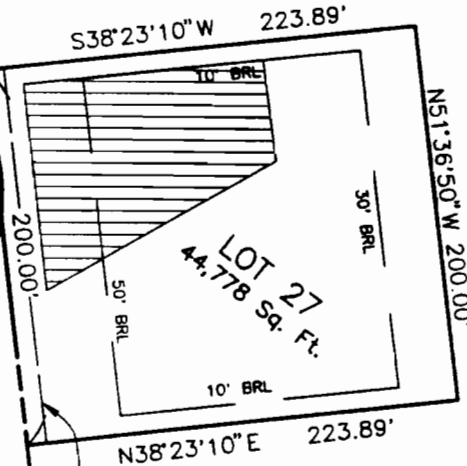
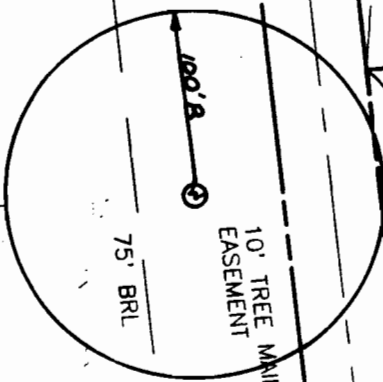
Approved
F-97-120

1.93 Ac± OF LAND TO BE DEDICATED TO HOWARD COUNTY FOR A PUBLIC ROAD.

MILL ROAD (SCENIC ROAD)
(LOCAL ROAD - 50' ULTIMATE R/W)
616.47'

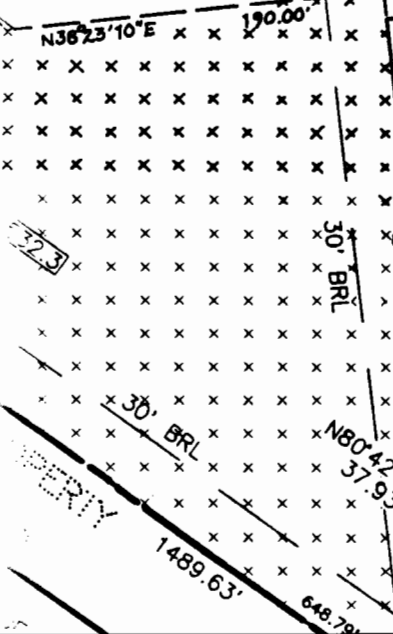
LIMIT OF 100-YEAR FLOODPLAIN

PRIVATE SEPTIC EASEMENT FOR PRESERVATION PARCEL 'B'



PRESERVATION PARCEL 'C'
AREA 9.38 AC.
NON-BUILDABLE
(AGRICULTURAL LAND
PRESERVATION EASEMENT)

OF YEAR FLOODPLAIN



FOREST EASEMENT

PERY

1489.63'

511.8

516.7

521.0

523.3

528.8

534.3

539.8

545.3

550.8

556.3

561.8

567.3

572.8

578.3

583.8

589.3

594.8

600.3

605.8

611.3

616.8

622.3

627.8

633.3

638.8

644.3

649.8

655.3

660.8

666.3

671.8

677.3

682.8

688.3

693.8

699.3

704.8

710.3

715.8

721.3

726.8

732.3

737.8

743.3

748.8

754.3

759.8

765.3

770.8

776.3

781.8

787.3

792.8

798.3

803.8

809.3

814.8

820.3

825.8

831.3

836.8

842.3

847.8

853.3

858.8

864.3

869.8

875.3

880.8

886.3

891.8

897.3

902.8

908.3

913.8

919.3

924.8

930.3

935.8

941.3

946.8

952.3

957.8

963.3

968.8

974.3

979.8

985.3

990.8

996.3

1001.8

1007.3

1012.8

1018.3

1023.8

1029.3

1034.8

1040.3

1045.8

1051.3

1056.8

1062.3

1067.8

1073.3

1078.8

1084.3

1089.8

1095.3

1100.8

1106.3

1111.8

1117.3

1122.8

1128.3

1133.8

1139.3

1144.8

1150.3

1155.8

1161.3

1166.8

1172.3

1177.8

1183.3

1188.8

1194.3

1199.8

1205.3

1210.8

1216.3

1221.8

1227.3

1232.8

1238.3

1243.8

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1606.8

1612.3

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1931.3

1936.8

1942.3

1947.8

1953.3

1958.8

1964.3

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2008.3

2013.8

2019.3

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