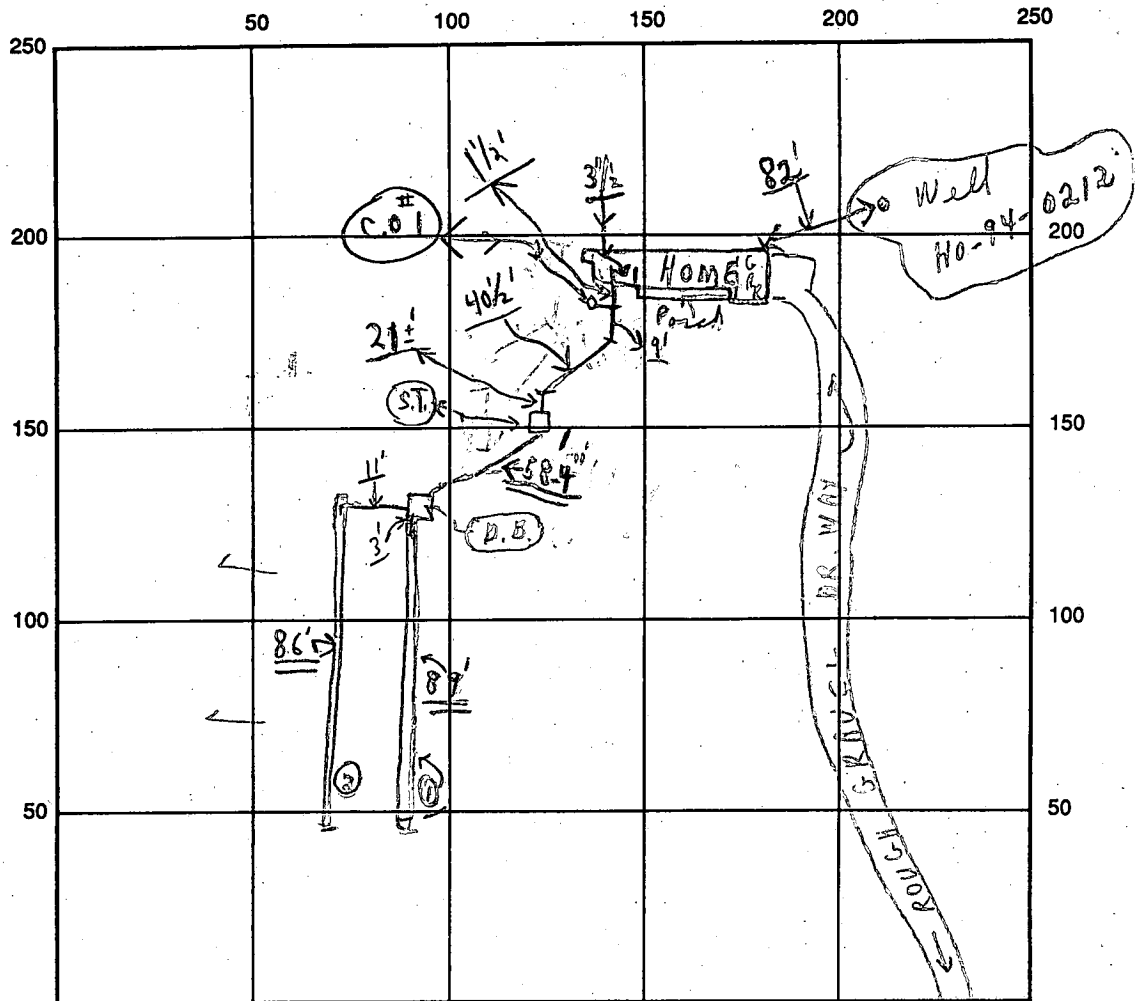




SEPTIC TANK LEVEL OK CLEANOUTS Flourence Road S.T. OK C.O. #1 OK near home

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TITLE DEPTH 9⁺ FT. TRENCH WIDTH 2 FT. INLET DEPTH 4⁺ FT.

EFFECTIVE GRAVEL DEPTH 5⁺ FT. TOTAL LENGTH 176⁺ FT. { 0.82' @ 0.85' }

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 880 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 880⁺ SQ. FT.

REMARKS: 4/25/95 Partial - #1 trench ok for stone to #2 trench
ok to stone as go - except last 5'; 4/25 P.M. Partial, ok
to cover from home to S. Tank - only; ok to finish trench
except need to see ends & pipe to D. Box & to D. Box
from septic tank; HOLD FOR A CALL 4/26/95 A.M. - A.S.A.P.
Final job all done - left green stakes on S. tank; C.O.:

DATE SYSTEM APPROVED 4/26/95 INSPECTOR Charles Bryan & Streaker

(4/25/95 W.P.I.) (4/26/95 W.P.I. - Final)

APPLICATION

PERCOLATION TESTING

A 50/52 B

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

DISTRICT R4

DATE 7/4/94

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 Donna L. Shapiro

ADDRESS 2082 Florence Rd Mt Airy Md PHONE 831-0019

AGENT OR PROSPECTIVE BUYER Self

ADDRESS S/A PHONE S/A

PROPERTY LOCATION:

SUBDIVISION NONE Available See Attached Letter LOT NO. _____

ROAD AND DESCRIPTION 2082 Florence Rd Howard Co.

Mt Airy, Md 21771

TAX MAP 12 Grid # 5 PARCEL # 9 (Parcel # 9 is adjacent to the property)

SIZE OF LOT 150 Acres TYPE BLDG. Single Family Dwelling
(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. Donna L. Shapiro
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING for certified home's site, percolation holes, & well

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

850157 B

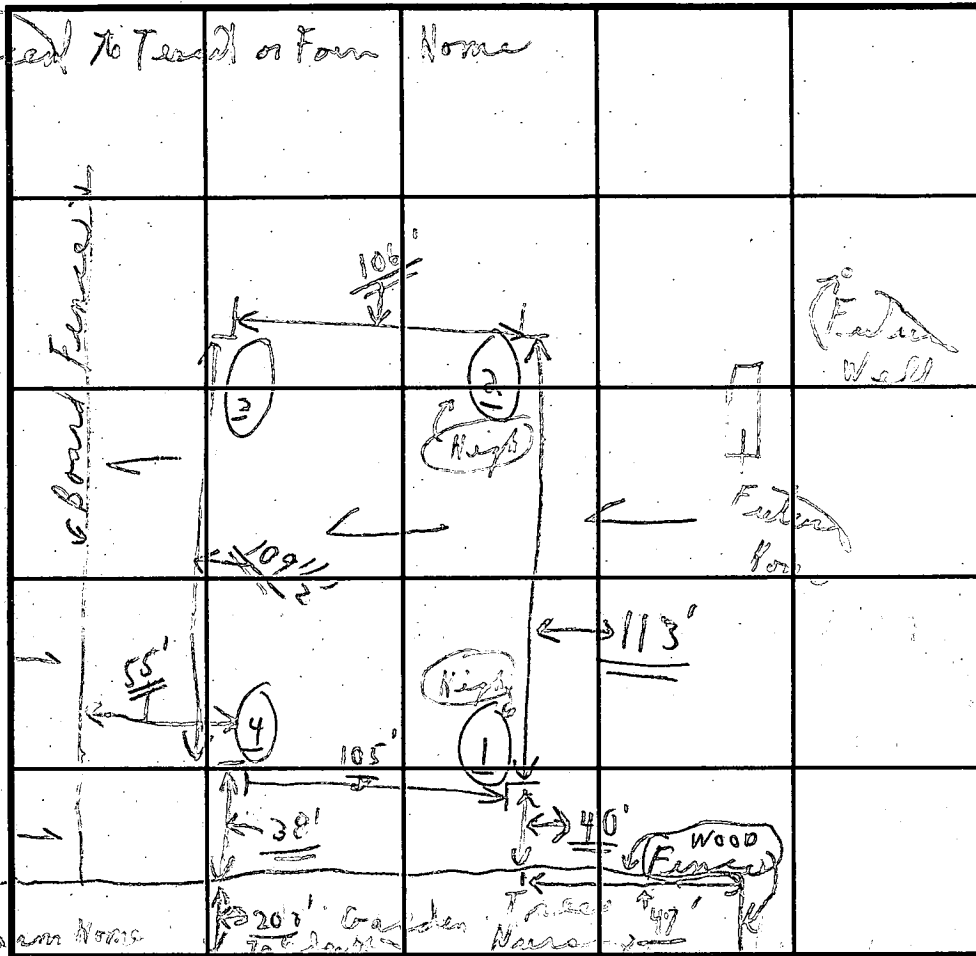
COUNTY #

Parcel adjacent to Trench or Farm Home

SOIL PROFILE

Hole ①

0' - 4 1/2'±
Clay -
4 1/2' to 12' - 10"
95%± LOAM
5%± weathered shale
DRY Bottom



SOIL PROFILE

Hole ④

0' - 4' 19"
Clay
4' 19" -
LOAM
13' - 2"
Bottom
DRY

Hole ②
0' to 4'
Clay
4' to 13'
95%± LOAM
5%± weathered shale
DRY Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Florence Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
8/18/94	①	8' - 10" (Hole 1)	10:35	10:40	10:40	10:50	10 min
Thurs	②	12' 10" (Hole 2)	0' - 4 1/2' clay 4 1/2' to bottom	10:31	10:33	10:33	5 min
	③	4' (Hole 3)	0' - 1' clay 1' - 4' LOAM	10:35	10:38	10:38	5 min
	④	13' (Hole 4)	0' - 4' 2" clay 4' 2" to bottom	10:45	10:49	10:49	5 min
	⑤	4' - 2" (Hole 5)	0' - 4' 2" clay 4' 2" to bottom	10:42	10:48	10:48	12 min
	⑥	13' - 4" (Hole 6)	0' - 4' 2" clay 4' 2" to bottom	10:42	10:48	10:48	12 min
	⑦	4' - 9" (Hole 7)	0' - 4' 9" (CLAY) 4' 9" - 13' - 2" LOAM	10:42	10:48	10:48	12 min
	⑧	13' - 2" (Hole 8)	0' - 4' 9" (CLAY) 4' 9" - 13' - 2" LOAM	10:42	10:48	10:48	12 min
	⑨	4' - 9" (Hole 9)	0' - 4' 9" (CLAY) 4' 9" - 13' - 2" LOAM	10:42	10:48	10:48	12 min
	⑩	13' - 2" (Hole 10)	0' - 4' 9" (CLAY) 4' 9" - 13' - 2" LOAM	10:42	10:48	10:48	12 min

Hole ③
0' - 4' 12"
Clay
4' 12" to 13' 4"
LOAM
Bottom
DRY

REMARKS 8/18/94 Tests not in stake; Tests in open field closer to farm home +
TYPE OF SOIL MOSTLY LOAM BELOW CLAY
TESTED BY C. B. J. ALSO PRESENT (1 S. Hopper) Road
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 19 min TRENCH WIDTH 2 in
INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 9' SQ. FT./BEDROOM 220 sq ft/BR.
(Right side of farm home).

APPLICATION

PERCOLATION TESTING

A 50152A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT R4

DATE 7/4/94

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 Donna L. Shapiro

ADDRESS 2082 Florence Rd Mt Airy, Md 21771 PHONE 301-831-0019

AGENT OR PROSPECTIVE BUYER Self

ADDRESS S/A

PHONE S/A

(T/c answered 8/18
marked 8/15 }

PROPERTY LOCATION:

SUBDIVISION NONE (See Attached Letter)

LOT NO. _____

ROAD AND DESCRIPTION 2082 Florence Rd Howard Co

Mt Airy, Md 21771

TAX MAP 12 Grid #5 9 PARCEL # "Existing Tenant House"

SIZE OF LOT 150 acres

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. Donna L. Shapiro

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING for certified - existing home into water

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # well into new (2) hole perc area DATE _____

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

THIS IS NOT A PERMIT

850152 A

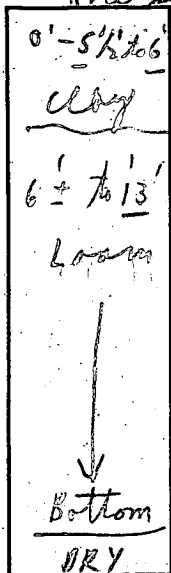
COUNTY #

Parcel #

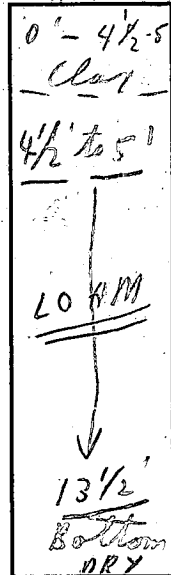
SOIL PROFILE

Hole #1

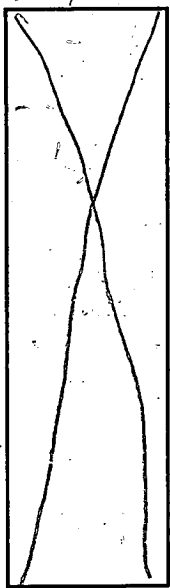
0'



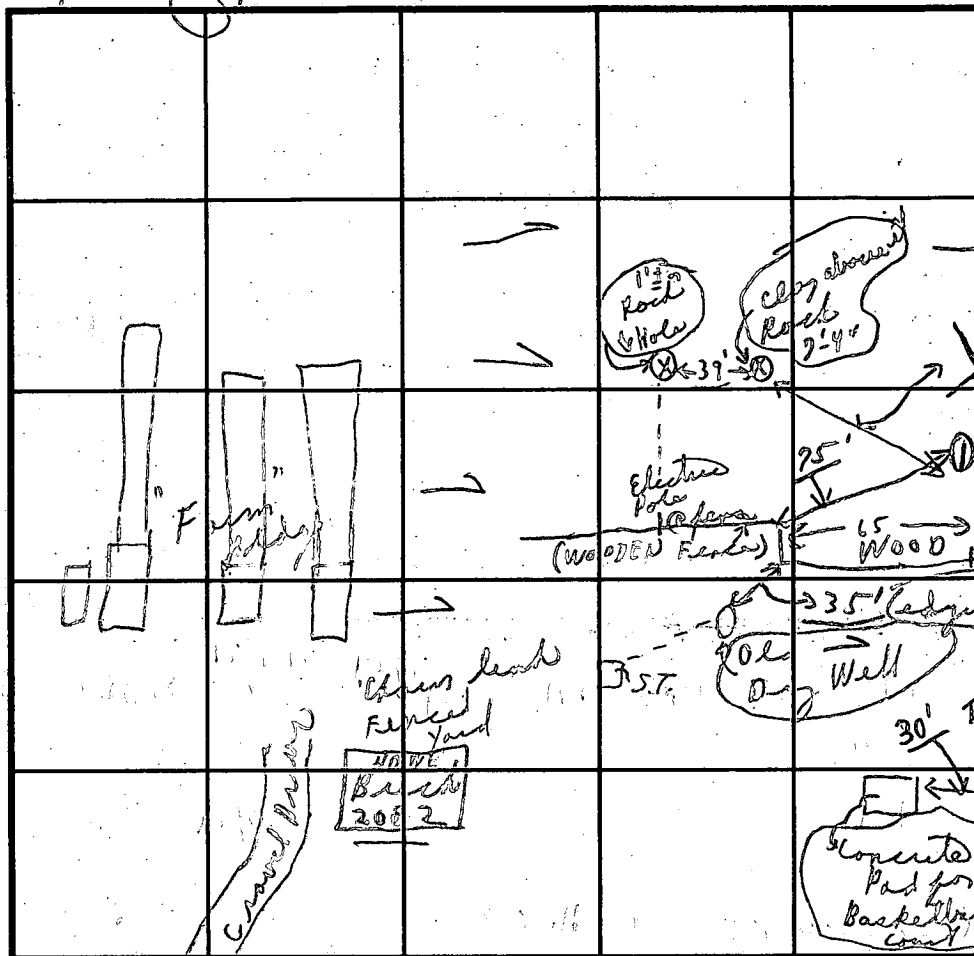
Hole #2



2 Holes ONLY

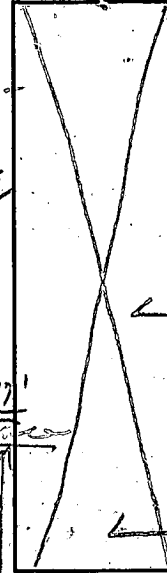


Epist. Tenant home [2 Visual holes only]



SOIL PROFILE

0'



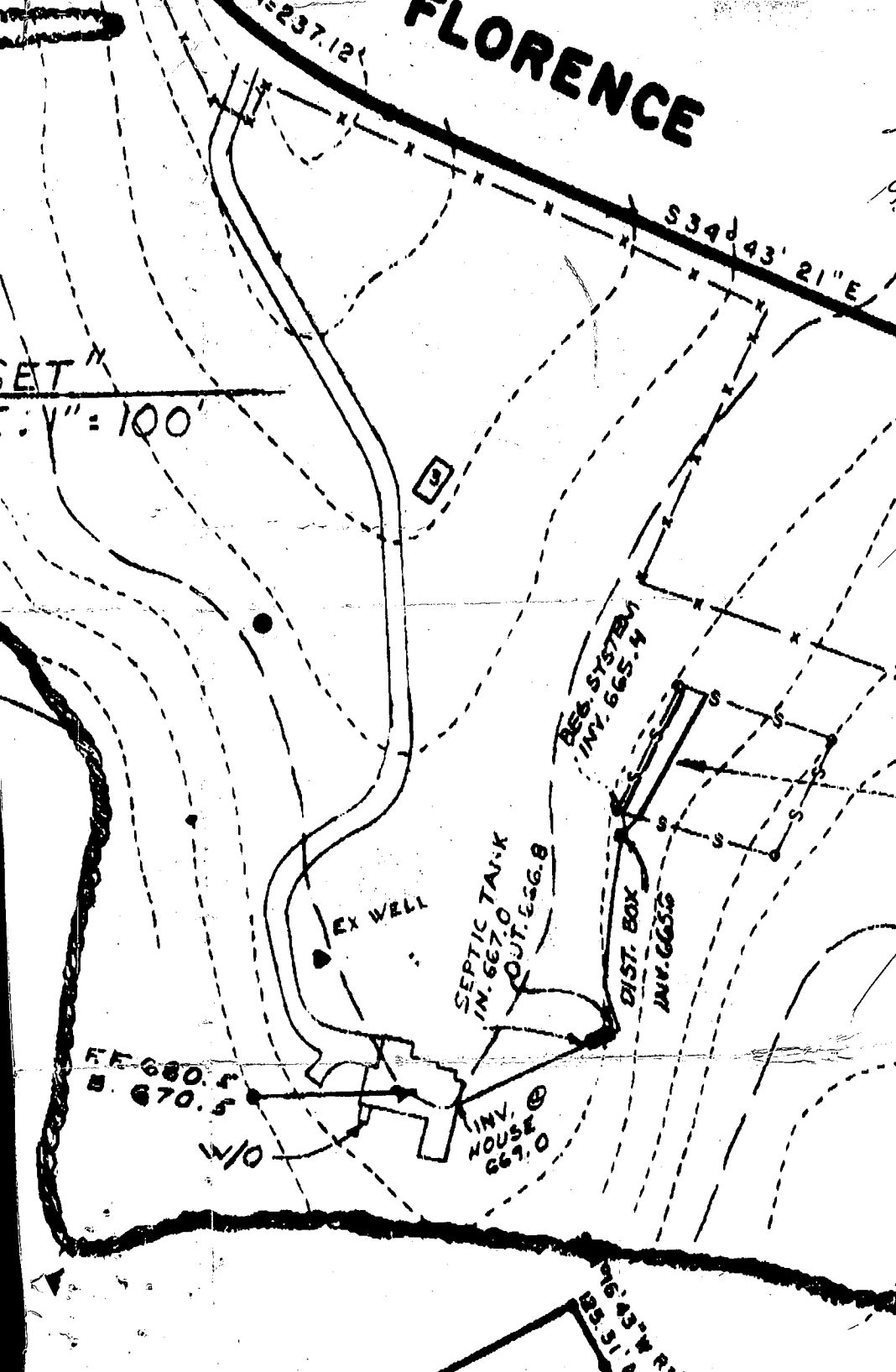
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Florence Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/18/94	①	13'	0' - 5 1/2'	(Visual):			
			6' - 13'	Loam			
	②	4 1/2' - 5'	0' - 1'	(Visual):			
		7 1/2'	0' - 1'	Loam			
No other	ⓧ	Not dug	0' - 1'				
test holes	ⓧ	Not dug	0' - 1'				
dug	ⓧ	Not dug	0' - 1'				

REMARKS: 8/18/94 Tests not for stakes tests in rear of home
 TYPE OF SOIL: Loam below clay (2) Holes edge of
 TESTED BY: C. B. A. ALSO PRESENT: Arnold 10,000
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 10,59 FJ
 TRENCH WIDTH: 10 ft
 INLET DEPTH: _____ MAXIMUM BOTTOM DEPTH: _____ SQ. FT./BEDROOM: _____

This pre-established repair area for epist. home

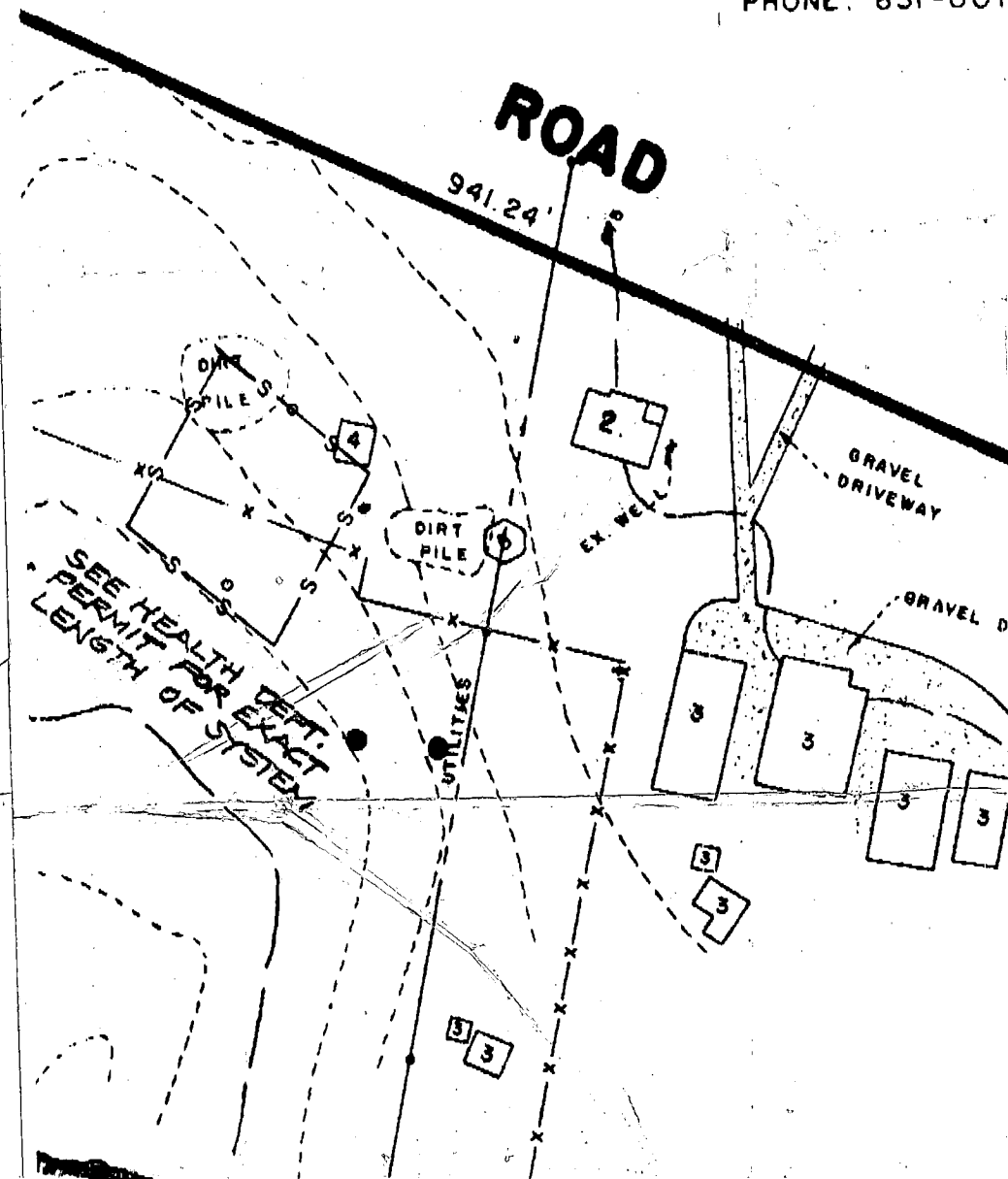


11-1-96
Revised house
& septic location
OK (BP 56221)

Amy McMele

VICINITY MAP ; SCALE: 1" = 2000'

OWNER
DONNA SHAPIRO
2082 FLORENCE
MT. AIRY MD. 2
PHONE: 831-001



C 1 4573	SEQUENCE NO. (DENV USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY. PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
	(THIS NUMBER IS TO BE PUNCHED IN COLS 2-3-6 ON ALL CARDS)	COUNTY NUMBER	A # 50152 B
ST/CO USE ONLY DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO.
8 13	15 20	22 26	FROM "PERMIT TO DRILL WELL"
	100319	200	40-99-0312
		(TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37

OWNER	SHAPIRO	D.	L.		
STREET OR RFD	last name	FLORENCE ROAD	first name	TOWN	MT. RIZY
SUBDIVISION	SHAPIRO, D.L. FARM	SECTION	LOT		

WELL LOG		
Not required for driven wells		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET	Check if water bearing
	FROM	TO
Topsoil	0	1
Clay	1	3
Shale	3	7
Tan Slate	7	44
Br. Slate	44	47
Tan Slate	47	70
Br. Slate	70	73
Tan Slate	73	84
Br. Slate	84	88
Tan Slate	88	145
Gray Slate	145	200

GROUTING RECORD	
WELL HAS BEEN GROUTED	
(Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT	BENTONITE CLAY
C	BC
NO. OF BAGS	NO. OF POUNDS
6	60
GALLONS OF WATER	
DEPTH OF GROUT SEAL (to nearest foot)	
from	ft. to
48	52
(enter 0 if from surface)	
CASING RECORD	
casing types insert appropriate code below	
ST CO	
STEEL CONCRETE	
PL OT	
PLASTIC OTHER	
MAIN CASING TYPE	
Nominal diameter top (main) casing (nearest inch)	
Total depth of main casing (nearest foot)	
60 61	
63 64	
66 70	
OTHER CASING (if used)	
diameter inch	
depth (feet) from to	
screen type or open hole	
insert appropriate code below	
ST BR HO	
STEEL BRASS OPEN HOLE	
PL OT	
PLASTIC OTHER	

C 3	
PUMPING TEST	
HOURS PUMPED (nearest hour)	
PUMPING RATE (gal. per min. to nearest gal.)	
METHOD USED TO MEASURE PUMPING RATE	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	
WHEN PUMPING	
TYPE OF PUMP USED (for test)	
A air	
P piston	
T turbine	
C centrifugal	
R rotary	
O other (describe below)	
J jet	
S submersible	

C 2	
DEPTH (nearest ft.)	
1 2	
8 9	
11 15	
17 21	
23 24	
26 30	
32 36	
38 39	
41 45	
47 51	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN	
(NEAREST INCH)	
56 60	
from to	

PUMP INSTALLED	
DRILLER WILL INSTALL PUMP	
(CIRCLE) (YES or NO)	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP INSTALLED	
PLACE (A,C,J,P,R,S,T,O)	
IN BOX - SEE ABOVE:	
CAPACITY:	
GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	
- below	
LAND SURFACE	
(nearest foot)	
49 50 51	

CIRCLE APPROPRIATE LETTER	
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	
E ELECTRIC LOG OBTAINED	
P TEST WELL CONVERTED TO PRODUCTION WELL	

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.	
DRILLERS IDENT. NO.	
DRILLERS SIGNATURE	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
OEP USE ONLY	
(NOT TO BE FILLED IN BY DRILLER)	
T (E.R.O.S.)	
W Q	
74 75 76	
70 72	
TELESCOPE CASING	
LOG INDICATOR	
OTHER DATA	

LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
Well	
Approx 60'	
600'	
FLORENCE RD	