

11/6/87
WPI
anytime

10/7/87

10/27/87

Am ASAP

Am ASAP

PERMIT

P 41050

A 23008

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 9/6/87

DATE SYSTEM APPROVED 11/2/87

Tolson brought permit from
Fogle

INSPECTOR RH

Fogle Septic RICHARD TOLSON IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 828-9500-785-5674

SUBDIVISION Nebel Property ROAD 1264 Shuffersville LOT 2 548-753C

PROPERTY OWNER Richard Tolson

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 250 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench at the highest corner of the septic reserve area, approximately 25 feet from the intersection of the 100' and 442' lot lines. Run trench(s) along contour toward left side of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *J.F.*

PLANS APPROVED BY C. Williams DATE 8/06/86

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER TWO YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED. *2-Step Addition - Kitchen 4/5/88*

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

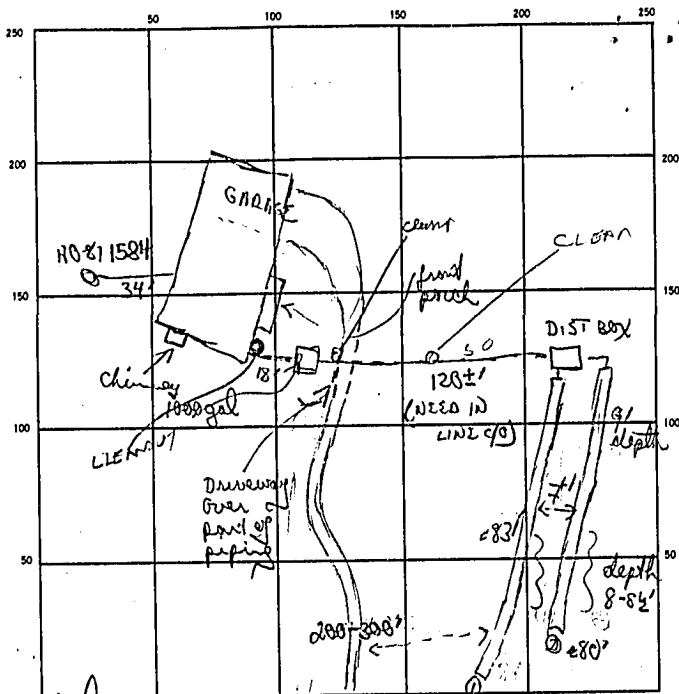
BDDG. PERMIT SIGNED
AND RETURNED 4/21/88
Serial # 59789
2-Step Addition - Kitchen 4/5/88

A-33008

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 SHAFERSVILLE ROAD → LONG CORNER

SEPTIC TANK, LEVEL 1000 gal CLEANOUTS 3 in line 1 5/8" 750 (MIN)

DISTRIBUTION BOX, LEVEL _____

DRAIN FIELD/TILE FIELD, DEPTH 9 3/8' 9 8' TRENCH WIDTH 2 FT. INLET DEPTH 3 1/3 FT. 150

EFFECTIVE GRAVEL DEPTH 5-4 5-4 FT. TOTAL LENGTH 83 80 FT. ← Need = 80+82' 5750

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 380 = 370 SQ. FT. 80

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT. 4.5

ABSORBENT AREA ≈ 750 ± (24.5 ft / linear ft) 320

362

374

720

REMARKS 10/7/87 OK to add stone pipe paper to both trenches.
OK to connect pipe & cement. Need unline c/o from tank
to dist box. Need to extend trench length ≈ 5' / trench to ensure
sufficient absorbent area. 11/6/87 appears trench lengths extended
10/27/87 TRENCHES COVERED 2 CLEANOUT 3' PUT BETWEEN BOX

AND TANK & CLEANOUT PUT BETWEEN TANK & HOUSE
UNCOVEREDS OF TRENCHES SO # OF FT OF STONE CAN BE SEEN

DATE SYSTEM APPROVED 11/3/87 INSPECTOR Raymond J. Hooley

11/27/87 - ENDS UN COVERED

4-13' Lined
with 10,000 ft
Preliminary

APPLICATION

A 23008

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 445-3000, EXT. 356

DISTRICT 4

DATE 3/24/76

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~B. J. Nebel~~ Richard Tolson 570-9536 Any questions call:

ADDRESS _____ PHONE John Schneider
465-7777

PROPERTY LOCATION:

SUBDIVISION _____ 1 LOT NO. New lot 2
2

ROAD AND DESCRIPTION 1264 Shaffersville Road

SIZE OF LOT 2.9 acres TYPE BLDG. 3 or 4

IF NOT SINGLE RESIDENCE DESCRIBE _____
NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Jean I. Nebel

APPROVED BY Paul J. O'Neil FOR Ray Wolfe Jones DATE 1/12/77
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

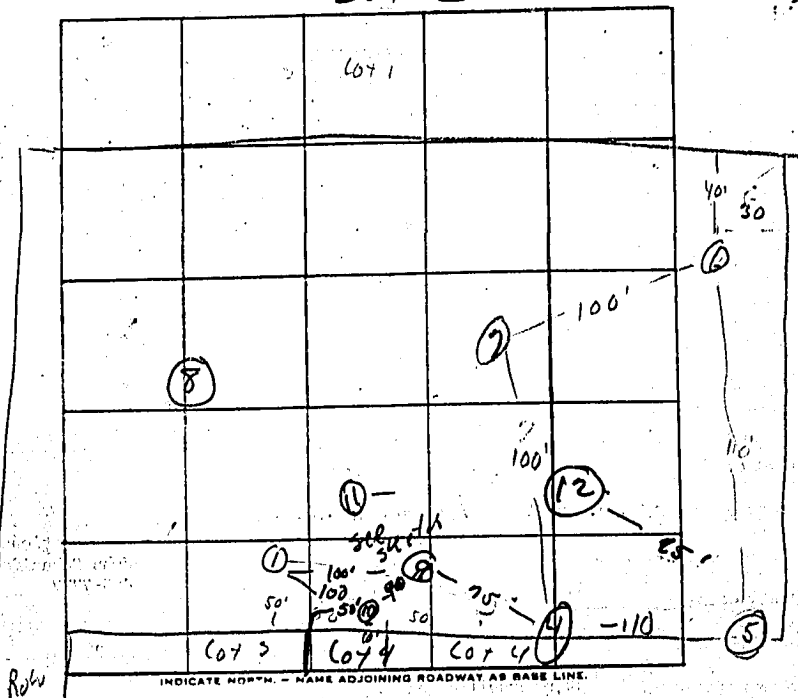
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED _____

THIS IS NOT A PERMIT

Lot 2



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/26	15	4'	1 34	2 25	Failed 1"	2:30	
3/26	16	12'	1 46	2 25	Failed 1"	>30 min	
	4	see lot 4	0 4				
	5	4'	2 45	3 07	3 07	3 33	24
		12'	2 57	2 57	2 57	3 15	18
	7	12'	3 33	Perfor	1" >30 min		
		4'	3 34	3 52	3 50	4 05	15
	6	4'	3 45	3 49	3 49	3 55	6
		12'	3 55	4 18	4 18	Failed >30	

} Good holes

REMARKS Sandy loam 4-10', increasingly tight silt w/oc
 TYPE OF SOIL Not large curries
 TESTED BY _____ ALSO PRESENT: _____

New lot 2 (old lot parts of old) 1, 2, 4

hole #		Time (min)	
2-9 s	2'	3 min	} use 1/4 mm an,
d	10'	24	
2-10 s	4'	22	
d	12'	16	
4-9 s	4'	4	
d	13'	6	
4-10 s	4'	5	
d	12 1/2'	10	
4-11	4-13'	good soil	

System at 2-9

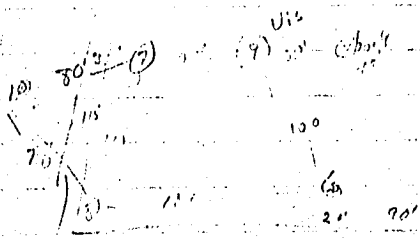
All good holes
 This page. D/04.

Lot 3

5/21/96
 O'Neill

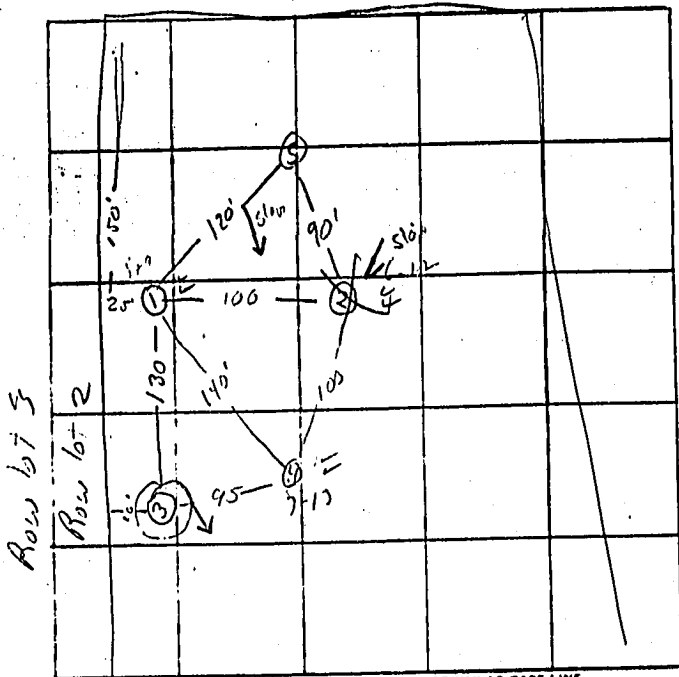
9-0 70.0
 clay/lyg

5
 loose and
 shale
 1800'



6	13 1/2'	11 35'	11 10'	11 04'	7
	5 1/2'	11 36'	11 20'	11 20'	13
7	5'	11 13'	11 10'	11 50'	20
	13'	11 44'	11 20'	11 30'	10
	4 1/2'	11 55'	12 04'	12 20'	16
	13'	12 04'	12 10'	12 20'	10
10	4'	12 25'	12 02'	1 06'	24
	13'	12 22'	12 40'	12 58'	18

Lot 3



- Topsoil
 Reddish clay loam
 some loose shale
 - 5-6 rocks
 more loose
 shale
 Red clay loam
 - 12' complex
 shale
 - 13' beginning

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/28/41	1s	4'	10 ¹¹	10 ⁴¹	Failed	10 ⁵⁵	1''
	1d	13'	10 ¹²	10 ¹⁵	10 ⁴⁹		4''
	2s	3 1/2'	10 ¹⁹		Failed		1'' in
	2d	13 1/2'	Rock	5601	410 - 60	12 ⁰⁰	5''
	3	9'	Rock		Uc	hard shale	
	4	6'	10 ⁵⁰		-F		
		13'	11 ⁵⁸	12 ⁰⁰	12 ⁰⁰	12 ⁰⁴	4''
	1s	5'	11 ⁰²	11 ⁰⁷	11 ⁰⁴	11 ¹⁸	5''
	2d	12'	11 ^{12⁰⁰}	11 ^{12³⁰}	11 ^{12¹⁵}	11 ^{13⁵⁵}	9 ⁰⁵
	3	6'	11 ¹⁶	11 ³⁰	11 ³⁰	11 ⁵³	23''

REMARKS Reconrod system no danger than 10-11'

TYPE OF SOIL Red clay loam

TESTED BY O'Neill ALSO PRESENT: Newbur

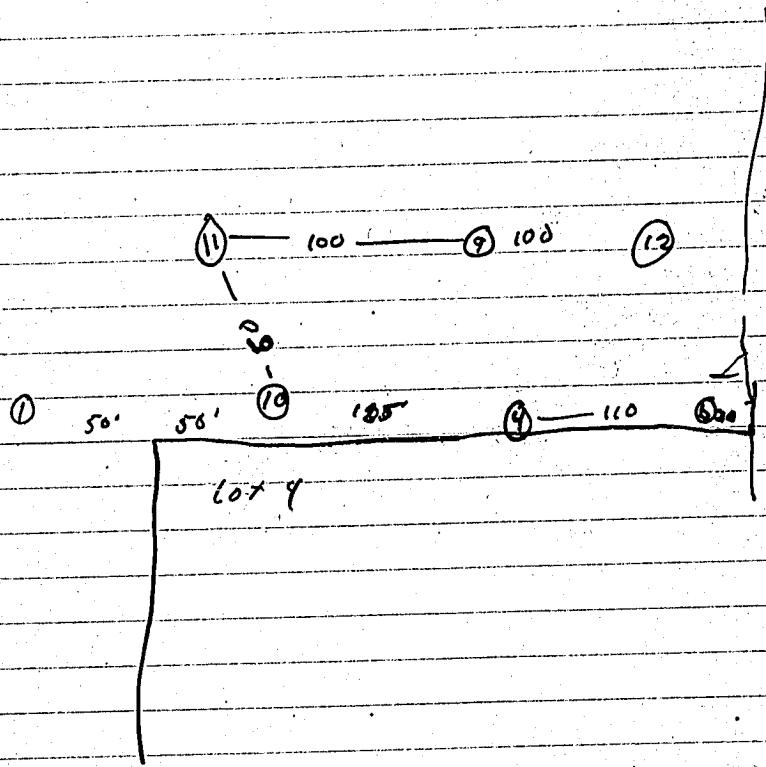
8 10' Rock

9	2'	200	201	204	3 min
	10'	154	201	231	24 min
	11'	hard silt stone			
10.4'		229	238	300	22
12'		236	240	256	16 min.

good
holes

~~13' silt
Rock~~

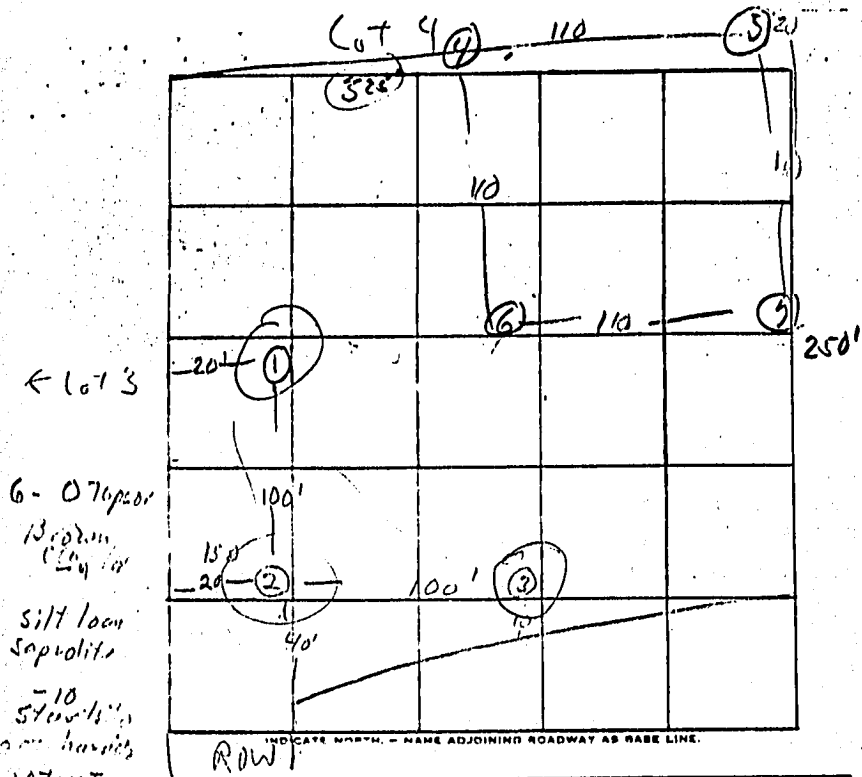
11 12' 258 330 Failure
2' 300 ~~330~~ Failure



lot 3 3-26 ctd.

4 5 7' 11 25 11 42 11 48 12 02 22

⑤ Hol. Visual ~ 1' lower than hole 1
good soil 5-12'



← Lot 3
 6-07 top soil
 13' top soil
 12' 4" soil
 silt loam
 Saprolite
 -10
 57' soil
 107 yd
 hard shale

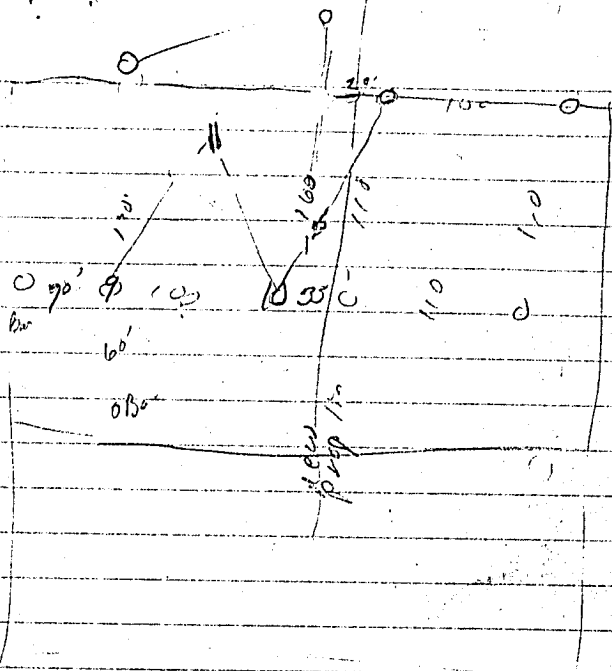
40' 100'
 20' 40'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/26	1 d	13'	1226	130	130	---	190	
	5	6'	127	206	1" 34 min	---	For loose	
	2 visual	5-12'	approx. 5 2' or					
	3	9'	Rock					
	4	12'	238	249	249	304	18 min	
		4'	238	245	245	252	7 min	
	5	5' or	Lot 2					
	7.5	4'	320	322	322	326	4	
	7 d	16'	315	370	320	326	4	
	6	visual	good soil		4-10'			

} Sample Soil

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY _____ ALSO PRESENT: _____

5/21/40



9 4	140	142	176	4
13'	144	142	145	6
10 4'	155	200	205	5
12 1/2'	151	155	205	10

Hole 9-10 Sandy loam 4-13'

9-11 Visual, 13' Sandy loam

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

June 28, 1989

Mr. & Mrs. Rick Tolson
1264 Shaffersville Road
Mt. Airy, Maryland 21771

Re: Nebel Property - Lot 2
1264 Shaffersville Road
Well Permit No. HO-81-1584

Dear Mr. & Mrs. Tolson:

This is to advise you that the septic system was installed, inspected and approved on November 3, 1987.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and bacteriologically safe for drinking.

FINAL CERTIFICATION OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-1584.

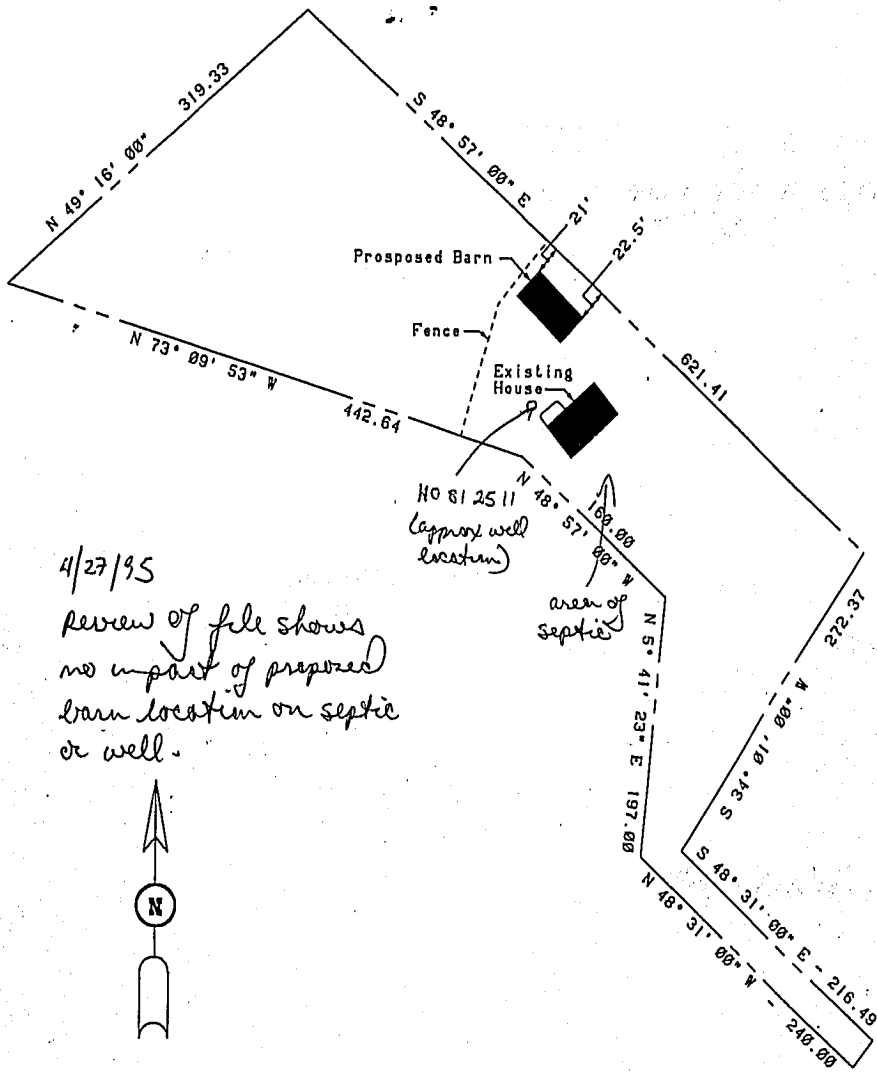
June 21, 1988
Date of Final Sampling

June 28, 1989
Date of Acceptance

Charles Streaker, Sanitarian
Water and Sewerage Program

Water Sample Dates:
December 21, 1987
June 21, 1989

CBS/cm



4/27/95

review of file shows
 no impact of proposed
 barn location on septic
 or well.

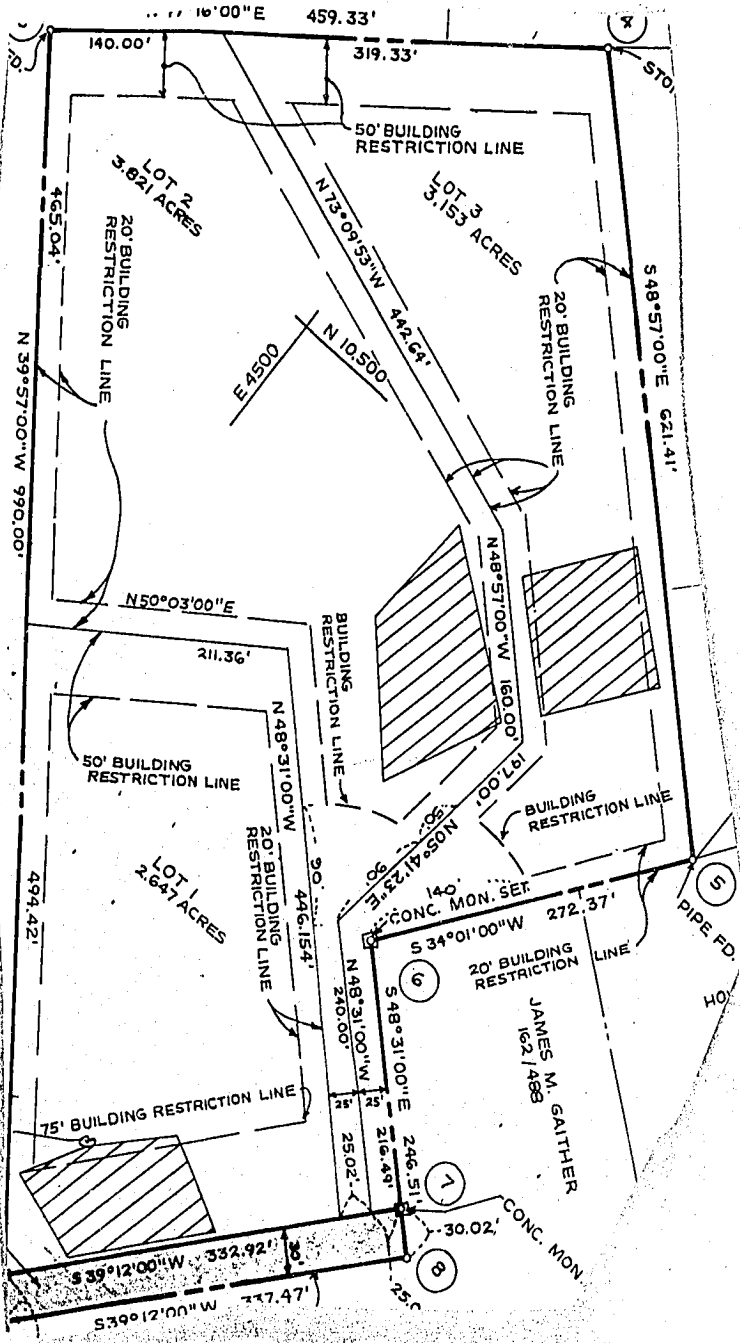


FITZGIBBONS BARN

SITE PLAN

SCALE: 1" = 100'

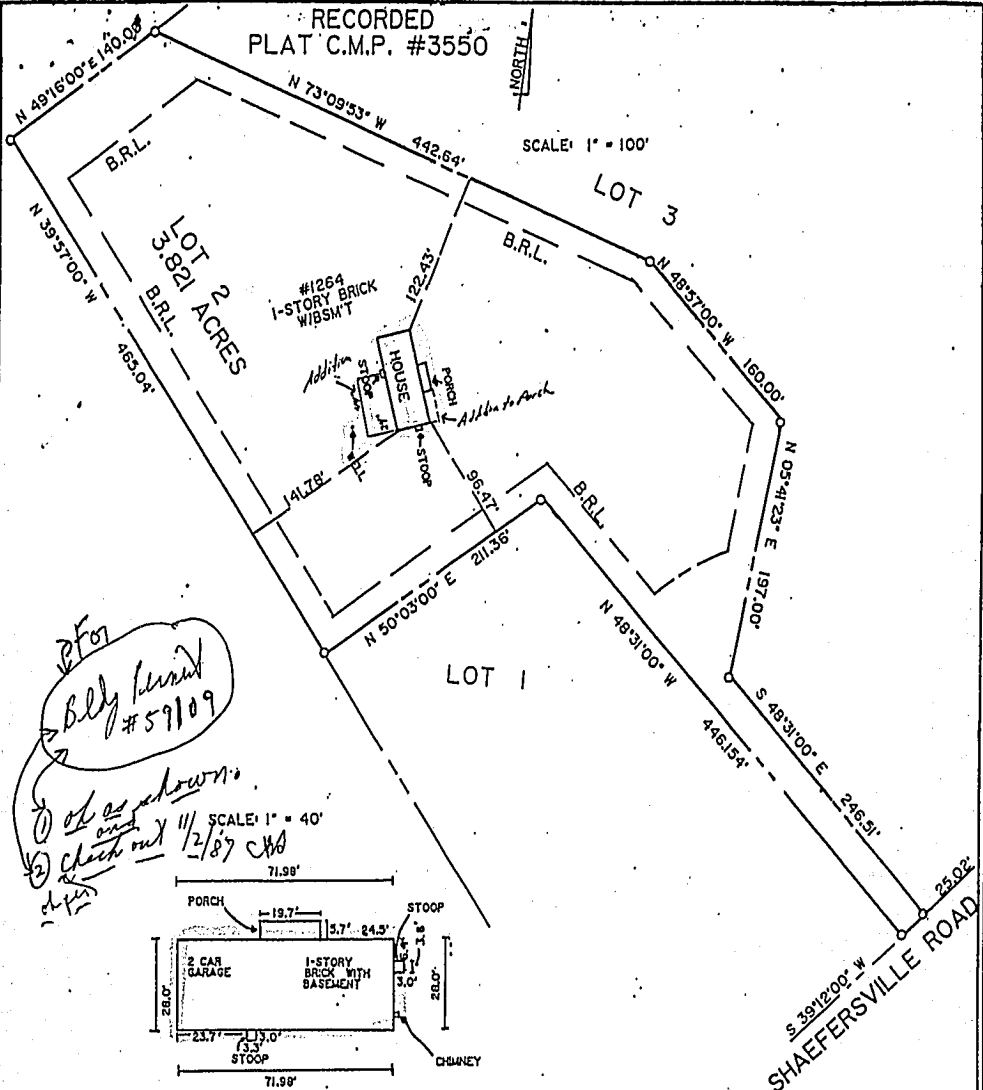
SHEET 1 OF 3



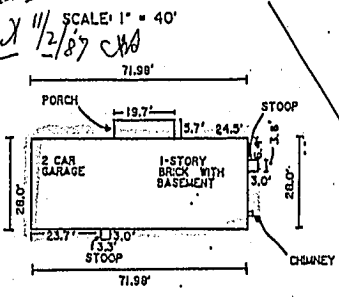
RECORDED
PLAT C.M.P. #3550

NORTH

SCALE: 1" = 100'



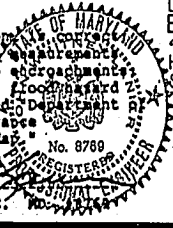
2 For
Billy Linn
#59109
at as shown
check out 11/2/87
MA



BUILDING LOCATION SURVEY
LOT 2
B.J. NEBEL PROPERTY
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN

I hereby certify that this plan, shown hereon, is a true and correct copy of the original plan, and that the improvements were located by actual measurements, and that unless otherwise shown there are no encroachments, and that this property does not lie within a flood hazard area in accordance with the document entitled "Department of Housing and Urban Development, Federal Insurance Administration - Special Flood Hazard Area Map" No. 8789

John M. Lanier
John M. Lanier, P.E. No. 8789



HUNTLEY, NYCE, & LANIER

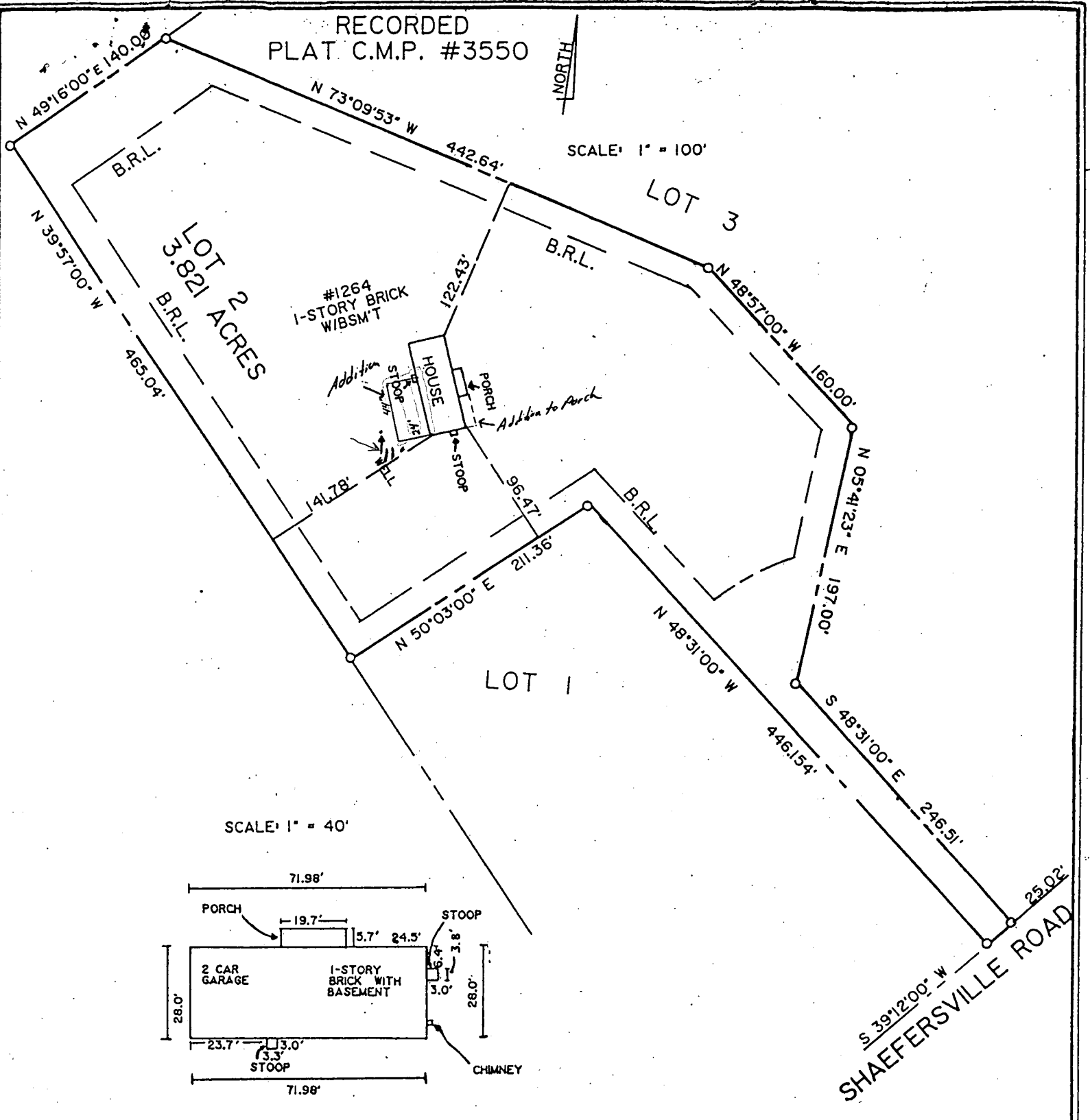
ENGINEERS • PLANNERS • SURVEYORS
226 NORTH ADAMS STREET
ROCKVILLE, MARYLAND 20850

Date 12/23/87

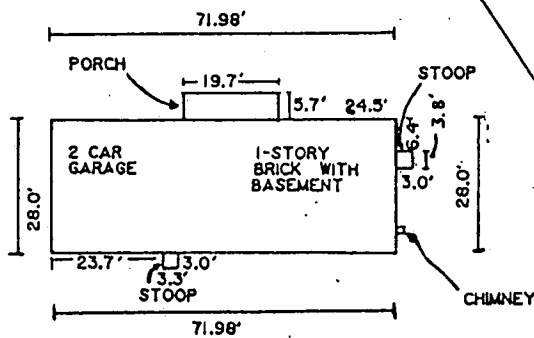
RECORDED
PLAT C.M.P. #3550

NORTH

SCALE: 1" = 100'



SCALE: 1" = 40'



BUILDING LOCATION SURVEY
LOT 2
B.J. NEBEL PROPERTY
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN

I hereby certify that this plan, shown hereon, is a true and correct copy of the original plan, and that the improvements were located by actual measurements, and that unless otherwise shown there are no encroachments, and that this property does not lie within a flood hazard area in accordance with the document entitled "Department of Housing and Urban Development, Federal Insurance Administration - Special Flood Hazard Area Map".



John W. Lanier
John W. Lanier, P.E.

HUNTLEY, NYCE, & LANIER

ENGINEERS • PLANNERS • SURVEYORS

226 NORTH ADAMS STREET
ROCKVILLE, MARYLAND 20850

12/23/87
Date

A 22000
P9000

April 3, 1995

Howard County Health Department
3525-H Ellicott Mills Drive
Ellicott City, Md. 21043

Mr. & Mrs. Richard C. Tolson
1264 Shaffersville Rd.
Mt. Airy, Md. 21771
301-831-7697

To whom it may concern:

I am writing to request an exception or variance on an existing well location at the above noted property.

As the attached site plan shows we are hopeful in building a 24'x44' addition to the rear of our home. At present, the well now sits approximately 35' from the right rear of the home. If this addition is to be built the well would be within 11'-12' of the new structure. Based on this information I would like to explain how the builder would minimize the impact to this existing well.

A. The excavation/soil disturbance would be very minimal as there will be no basement in this new addition. Only a crawl space of 18" under the floor joists would be excavated.

B. Positive drainage now exists away from the well and this would be maintained after the new addition.

C. To minimize the soil treatment process of termites we would have the contractor use a chemical that would have the least amount of impact to the soils but still be effective.

In closing, we have attempted to look at alternate and cost effective ways to change the current drawings, however, we have not been able to achieve the needed space for our family in any other way. To change the plans or move the well would only cause financial hardship to us that would not allow us to continue this dream project. Our well is a good well and we only ask that you would help us in not having to relocate and drill a new one.

Thankyou for taking the time to consider or request.

Sincerely,

Rick Tolson Jenny Tolson
Rick and Jenny Tolson

{ 4/7/95 OK as amended in 4/6/95 letter CBS }
attached.

Richard C. Tolson
Jennifer R. Tolson
1264 Shaffersville Road
Mount Airy, Maryland 21771

April 6, 1995

Dear Mr. Streaker,

If in the future the existing well becomes unusable as a potable water supply, a new well meeting Howard County Health regulations will have to be drilled to protect the water supply of the "Tolson" residence, and also, any adjacent properties. We concur to this requirement.

Sincerely,

