

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 51013-1

A 58079

DISTRICT _____

DATE 5/8/98

DATE SYSTEM APPROVED 9/29/98

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

451.9933 410-313-2640

319660

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 4410 Salem Bottom Rd, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION George Noyes Property LOT 1-2 ROAD 1124 Day Road

PROPERTY OWNER Peter & Teresa Nicholl

ADDRESS 1053 Day Road, Sykesville, MD 21784

SEPTIC TANK CAPACITY 1750 GALLONS Two tanks in series, each min 1750 gal

NUMBER OF BEDROOMS 6

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 420', 400' is O.K.

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 151.67' and 118.00' lot lines, start the first trench 35' down the 151.67' lot line and 80' off this same lot line. Run trenches on contour to left side of lot. First trench 140', second trench 130', third trench 125'.

NOTES - Provide 6" - 8" diameter cleanout and cap to grade or above septic tank. CK/MR

PLANS APPROVED BY Mark Rifkin REVISED _____ DATE 4-22-98

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

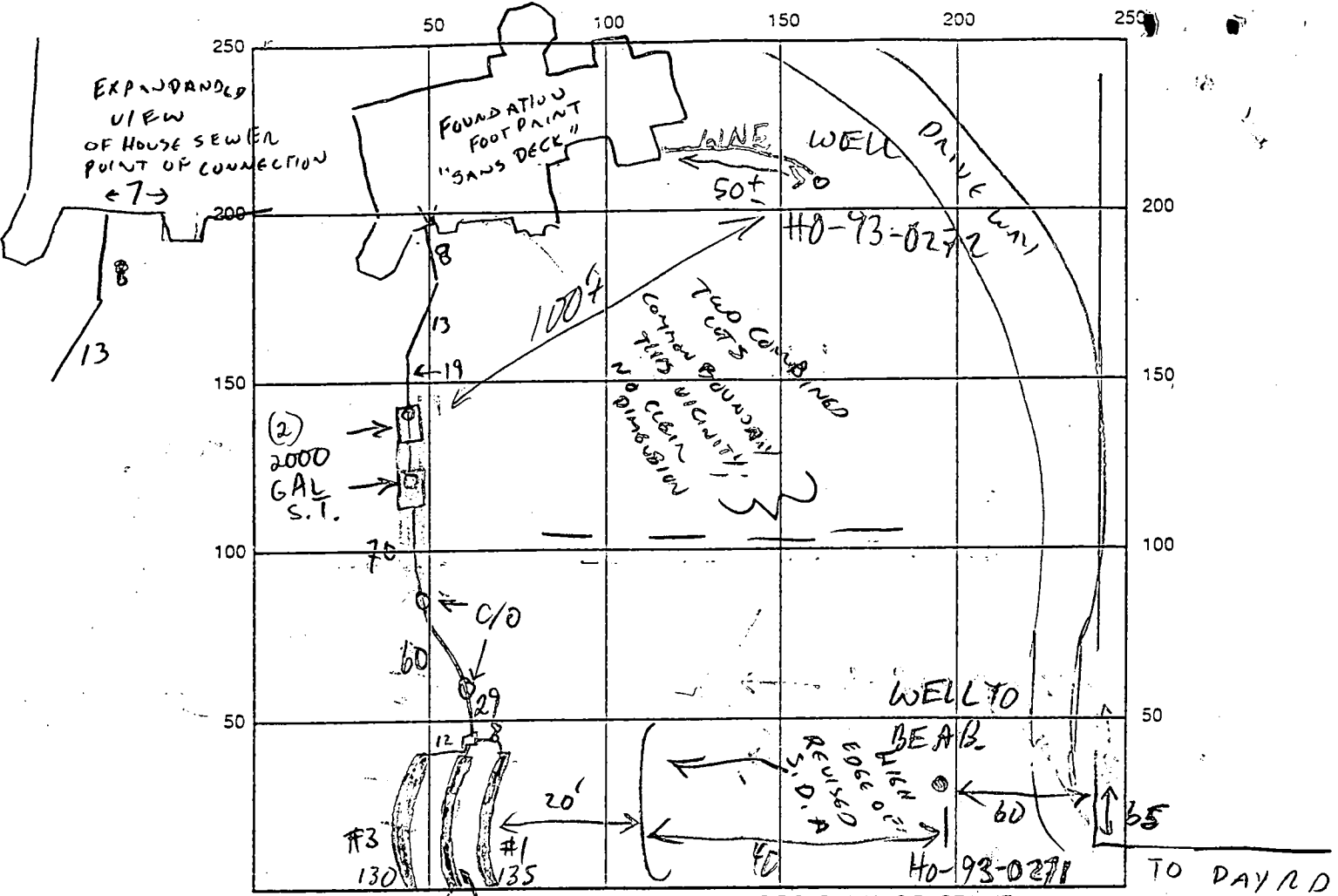
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A 58079

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
135#2

SEPTIC TANK LEVEL (2) 2000 GAL CLEANOUTS 2 1/2 IN LINE MH ON EACH S.T.

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

TILE 1 1/2 x 3

DRAIN FIELD/TILE DEPTH 7/6/6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5/4/4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①135 ②135 ③130 FT.

NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~ BOTTOM AREA ①405 ②408 ③390 SQ. FT.

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

ABSORBENT AREA 1200 SQ. FT.

REMARKS: 5/28/98 TWO TANKS INSTALLED (CW)

5/29/98 OK TO COVER S. TANKS + TRENCHES; HOLD FOR FINAL

UPON PROPER AB. OF EX. WELL HO-94-0271 (MR)

9/29/98 WELL AB. REPORT REC'D - OK (MR)

DATE SYSTEM APPROVED 19/29/98 INSPECTOR M. Ritkin

APPLICATION

PERCOLATION TESTING

A 58079

P _____

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

DISTRICT _____

DATE 4/11/97

P 3/4

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 PETE NICHOLS

ADDRESS 1053 DAY RD. PHONE 442-1429

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION NOV 63 PROPERTY LOT NO. 2

ROAD AND DESCRIPTION 1124 DAY RD

TAX MAP 9 PARCEL # 126

SIZE OF LOT _____ TYPE BLDG. SFD. - 6 BEM
(SINGLE FAMILY DWELLING OR COMMERCIAL)

ENCL. PERMIT SIGNATURE
AND RETURNED 11-20-97
Serial # 510108094

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

AS8079 - 3/4

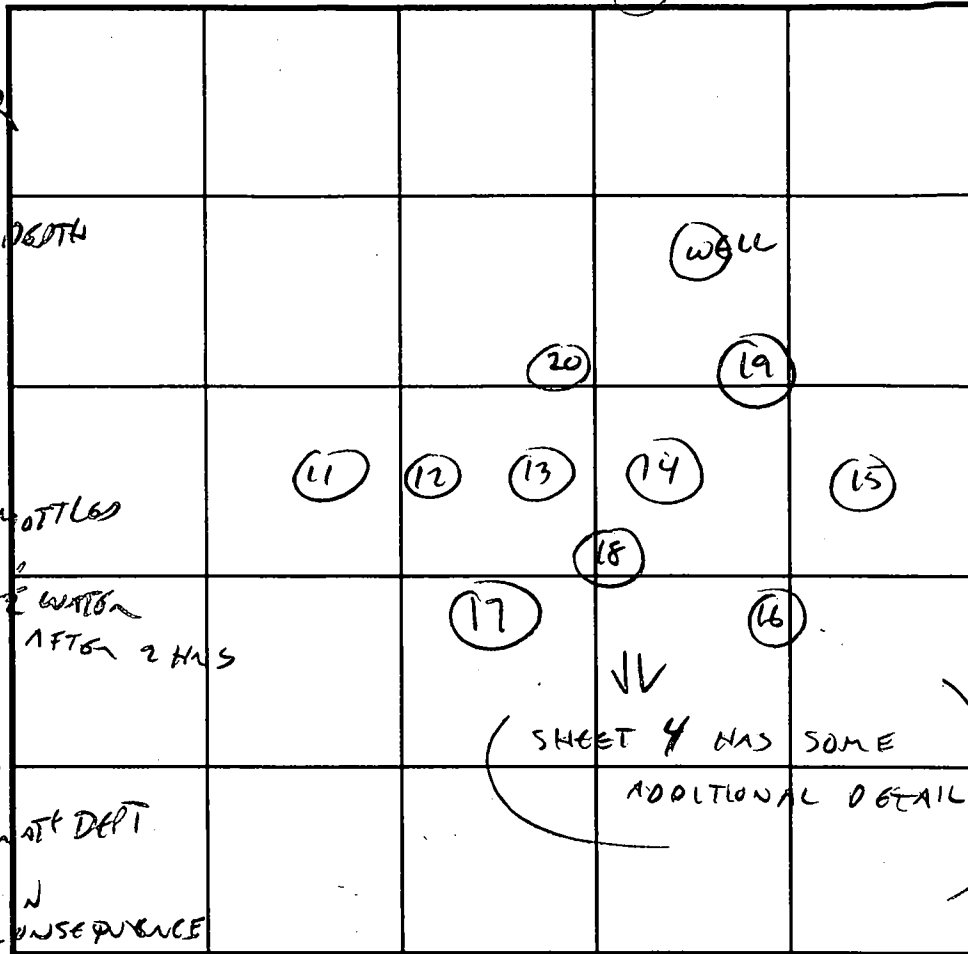
THESE TESTS ON LOT (1)

COUNTY #

SOIL PROFILE

0' #12

CLAY
 INDETERMINATE DEPTH
 MICA
 LOAM
 -11 MOTTLED
 -12 WATER AFTER 2 HRS



SOIL PROFILE

0' #15

INDETERMINATE DEPTH CLAY
 MICA
 LOAM
 -11
 MOIST MOTTLED
 -12

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#13

CLAY
 INDETERMINATE DEPTH
 MINOR ROCK VEIN
 4-5" - NO CONSEQUENCE
 MICA
 LOAM
 -12

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/8/97	11	EVALUATED	TESTED BY MR. SCS SHEET #1/4				
	12	w @ 11'	CLAY PASTE INSUFFICIENT		BUFFER		X
	13	DRY @ 12'	PERC'ABLE AT 6'				✓
	14	w @ 11'	PERC'ABLE AT 6'				✓
	15	SIMILAR TO #14					✓
	16	w @ 6 1/2 - 9					X
	17	w @ 6 1/2 - 9					X
	18	w @ 11'	PERC'ABLE AT 6'				✓
	19	DRY @ 12'	PERC'ABLE AT 5'				✓
	20	SIMILAR TO #19					✓

#14

INDETERMINATE DEPTH CLAY
 MICA
 LOAM
 SEEPAGE
 -11
 -12

REMARKS: BEST HOLES 13, 14, 15, 19, 20 / HOLE 18 QUESTIONABLE
 TYPE OF SOIL: DEEP CLAY; TRANSITION ZONE UNSTABLE FROM 4 1/2 - 6 1/2
 TESTED BY: C. Williams ALSO PRESENT: PETE NICHOLS, J. FULLMER
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 14 MIN TRENCH WIDTH 3
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 240

APPLICATION

PERCOLATION TESTING

A 58079

P _____

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

DISTRICT _____

DATE 4/11/97

P.4/4

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 PETE NICHOLS

ADDRESS 1053 DAY RD PHONE 442-1429

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION NOYES PROPERTY LOT NO. 2

ROAD AND DESCRIPTION DAY RD.

TAX MAP 9 PARCEL # 126

SIZE OF LOT _____ 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

5/16/97
10:00 am

APPLICATION

HOWARD COUNTY HEALTH DEPT.
ENVIRONMENTAL HEALTH

Director
OF FINANCE

PERCOLATION TESTING APR 11 A 9:09

A 58079
P _____

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

4/15/97
Preview of
ALM

DISTRICT _____
DATE 4/11/97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

P:1/4

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Peter and Teresa Nicholl

ADDRESS 1053 DAY RD SYKESVILLE PHONE 442-1429

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Noves Property LOT NO. 2

ROAD AND DESCRIPTION DAY ROAD

TAX MAP 9 PARCEL # 126

SIZE OF LOT 3.607 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.

Teresa Nicholl
(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

A58079-1/4

COUNTY #

SOIL PROFILE

(5) 18
orange
clay

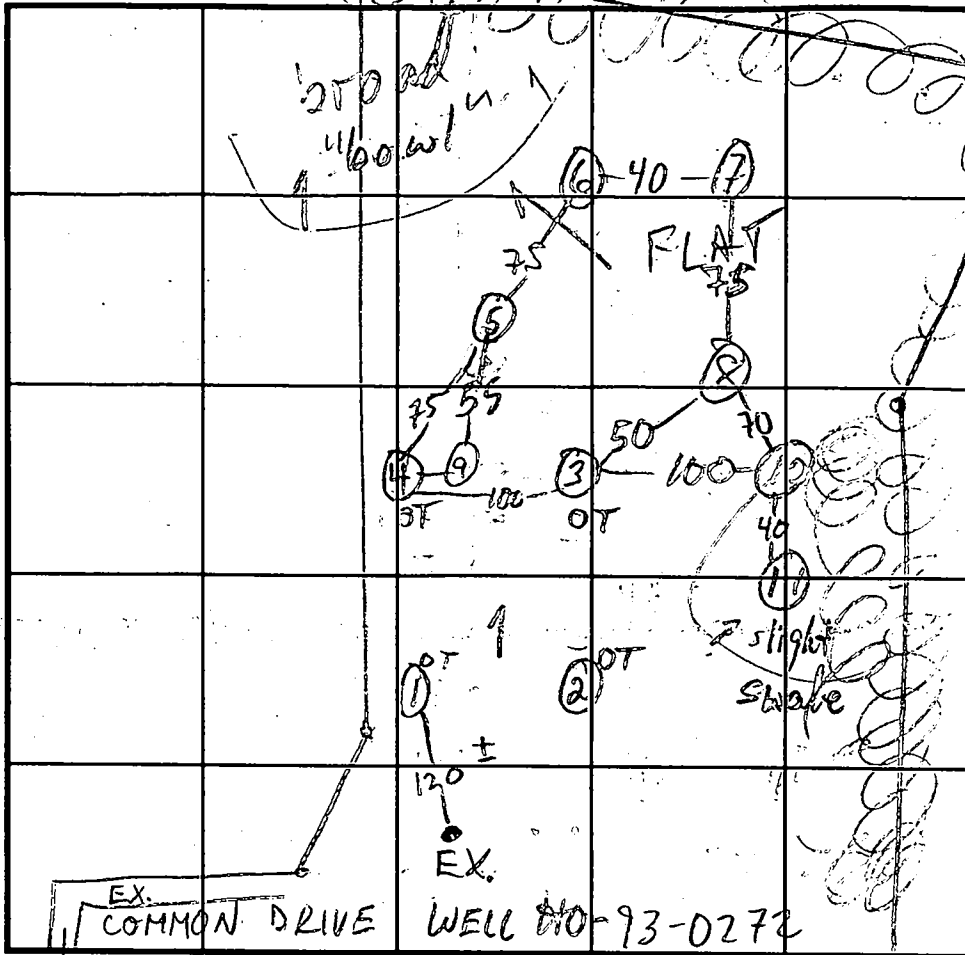
5-6
MOTTLED
gray
sand
H₂O

3
HEAVY
GRAY
MOTTLES

orange
brn
si cl lm

tan
orange
si lm
moist @ 6'

WATER



SOIL PROFILE

(10)
orange
cl

6
tan orange
si lm
mottled
@ 6-8'
WATER

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/7/97	5 ✓	12 1/2	H ₂ O @	8 1/2	MOTTLED @	6'	
	6 V	?	CAVE-IN @	3'	MOTTLED @	3'	
	7 V	11?	CAVE-IN @	6'	MOTTLED @	3'	
	8 V	11	H ₂ O @	10 1/2	MOTTLED @	5'	
	9 S	4 1/2	12:03	12:11	12:11	12:25	14
	9 V	11	H ₂ O @	9'	MOIST @	6'	
	10 V	11 1/2	H ₂ O @	9 1/2'			
	11 S ✓	6 1/2 7 1/2	2:39	3:49	ALL CLAY	5/8"	FAIL

REMARKS ALL HOLES FAIL

TYPE OF SOIL

TESTED BY

M. Rifkin

ALSO PRESENT

J. Follmer, owners

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 58079

P _____

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

DISTRICT _____

DATE 4/11/97

P. 2/4

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 G. Noyes LOT NO. 1

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

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

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(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

A 58079-2/4

COUNTY #

SOIL PROFILE

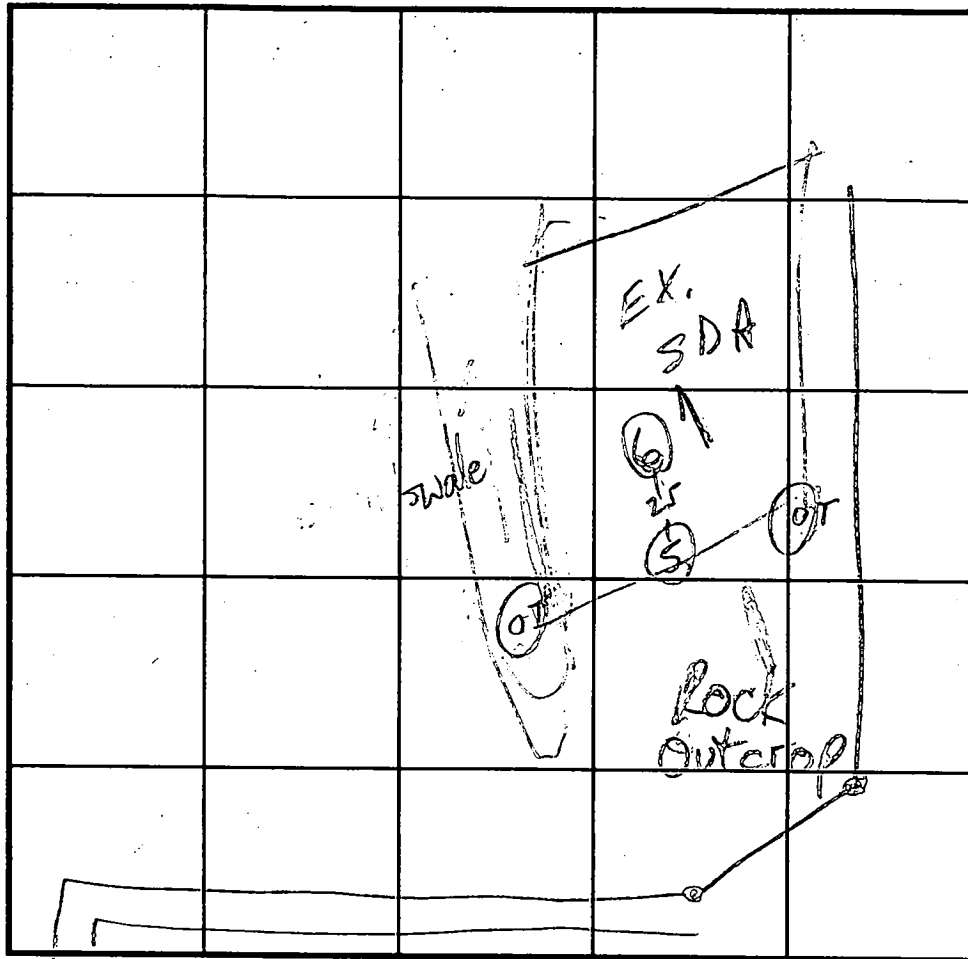
0' 5
 0198
 red
 cl lm
 32
 tom
 brn
 sa lm
 10-15%
 rotted
 sandstone
 12

red
 orse
 cl lm

32
 50%
 Rock frags
 brn salm
 6
 ROCK
 BOT

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/7/97	5 V	12					
1/1	6 V	6	REFUSAL				

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

APPLICATION

PERCOLATION TESTING

A 46325

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

Preview ok. Lot-1
may be influenced by
swale. Room for
adjustment toward
west. 9-13-90 JEN

DISTRICT _____

DATE 9/7/90

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 George H. Noyes Sr

ADDRESS 528 Klee Mill Rd. Sykesville, MD. 21784 PHONE 795-1270

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

VOID SEE A58079

SUBDIVISION George H. Noyes Property LOT NO. 1

ROAD AND DESCRIPTION Day Rd. southwest of Jim's Way

TAX MAP 9 PARCEL # 126

SIZE OF LOT _____ 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. George H. Noyes Sr.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

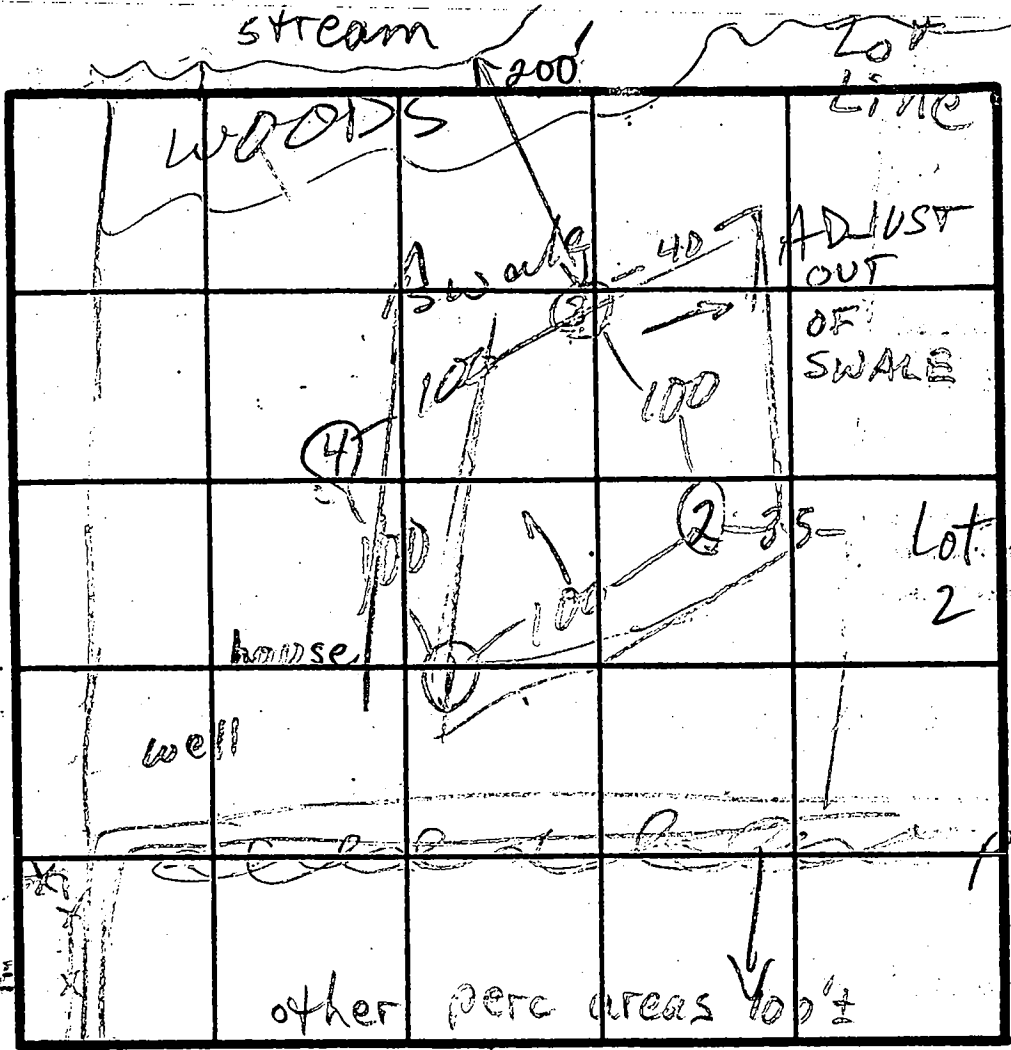
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING PERC OK HOLD FOR PLAT MR 10/16/90

THIS IS NOT A PERMIT

HD-216

A 46325
Lot 1



③ + ④
org chunky clay loam 4-5
pink Fine Sandy loam
10% Frags
10-15% Frags 11-12
pine trees
X = 12
210' BR
Inlet 4'
Bottom 6'

SOIL PROFILE
org brn clay loam
3-3 1/2
tan brn org Fine Sandy loam
15-20% shale + granite Frags
EX. HOUSE

DAY ROAD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②
org chunky clay loam 4 1/2
tan brn sand loam
15% Frags 10 1/2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
10/1/70	1 S	5 1/2 8 1/2	10:43 10:47	10:50 10:47	10:50 10:47	10:57 11:08	7 21	
	1 V	13 1/2	see profile					
	2 S	5 1/2	10:52	11:00	11:00	11:12	12	
	2 V	10 1/2	see profile					
	3 S	6	11:07	11:15	11:15	11:30	15 EST	
	3 V	12 1/2	see profile					
	4 S	5	11:17	11:20	11:20	11:25	5 EST	
	4 V	11 1/2	sim to ③ more org & tan					

REMARKS HOLES DUG PER PLAT; ADJUST OUT OF SWALE (APPROX 80' x 25')

TYPE OF SOIL
TESTED BY M. Rifkin

ALSO PRESENT Surveyor, owner rep
backhoe man

10:00am
10-1-90
16

APPLICATION

PERCOLATION TESTING

A 46326
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 9/7/90

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 George H. Noyes Sr.

ADDRESS 528 Klee Mill Rd. Sykesville, MD. 21784 PHONE 795-1270

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION George H. Noyes Property LOT NO. 2

ROAD AND DESCRIPTION Day Rd. southwest of Jim's Way

TAX MAP 9 PARCEL # 126

SIZE OF LOT _____ 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.

George H. Noyes Sr.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING PERC OK HOLD FOR PLAT MR 10/16/90

HD-216

THIS IS NOT A PERMIT

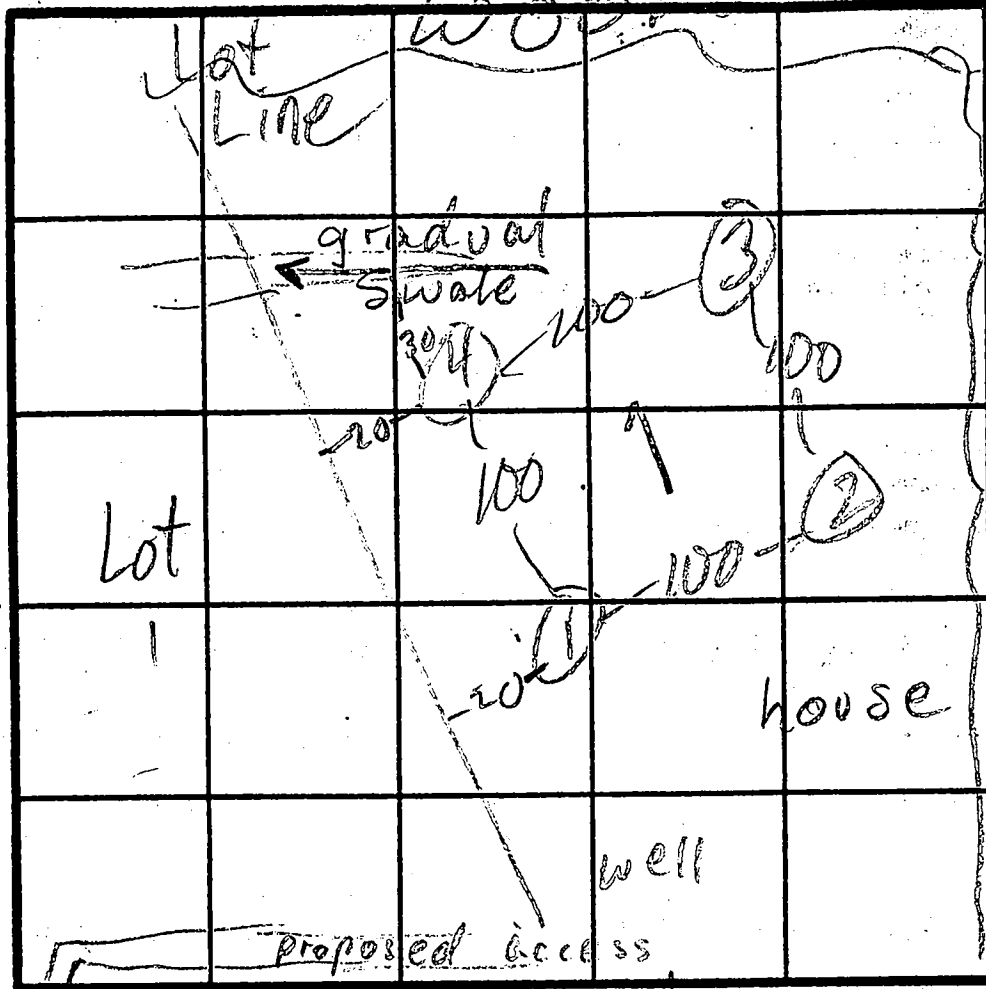
A 46326

Lot 2

① ②

SOIL PROFILE

brn
org
chunky
clay
loam
5
019
brn
sand
loam
5-10%
frags



WOODS

④

019 brn
clay
loam
chunky

tan
dirt
brn
org
sand
loam
5-10%
Fraggs

10 1/2

③

019
chunky
clay
loam
5
019
fine
sand
loam
5-10%
frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. 100' ± other perc areas

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/10/25	1 S	6g	12:00	12:02	12:02	12:04	7	
	1 M		11:59	12:03	12:03	12:11	8	
	1 V	10 1/2	see profile					
	2 S	6	12:05	12:10	12:10	12:17	7 EST	
	2 V	10 1/2	sim to ① more 019 + tan sand					
	3 S	6	12:11	12:18	12:18	12:32	14 EST	
	3 V	10	see profile					
	4 S	6	11:37	11:42	11:42	11:51	9	
	4 V	11	see profile					

x=8
210 # BR
Inlet 4'
Bottom 6'

REMARKS HOLES PER PLAT

TYPE OF SOIL

M. Rifkin

TESTED BY

ALSO PRESENT

Surveyor, backhoe
msm, owner rep



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

November 10, 1997

Peter and Teresa Nicholl
1053 Day Road
Sykesville, MD 21784

RE: Building Permit Application B00108694
Single Family Dwelling
1124 Day Road
George Noyes Property, Lots 1 and 2

Dear Mr. and Mrs. Nicholl:

This office has received the above referenced building permit application, but cannot recommend approval at this time.

At last contact, a revised off-lot sewage disposal easement was being proposed. What was expected to be final detail was discussed in this office on June 17, 1997, but there is no record that the revised percolation certification plan was ever submitted to this office for signature approval.

Once this document has been approved, and any approval conditions stipulated therein have been completed, then review of the building permit can continue.

If you have any questions, please call me at (410) 313-2640.

Very truly yours,

Mark E. Rifkin

Mark E. Rifkin, R.S.
Water and Sewerage Program

MR
cc: Robert Kaplan
Stephen Barnhart
Kent Sheubrooks, DPZ
File

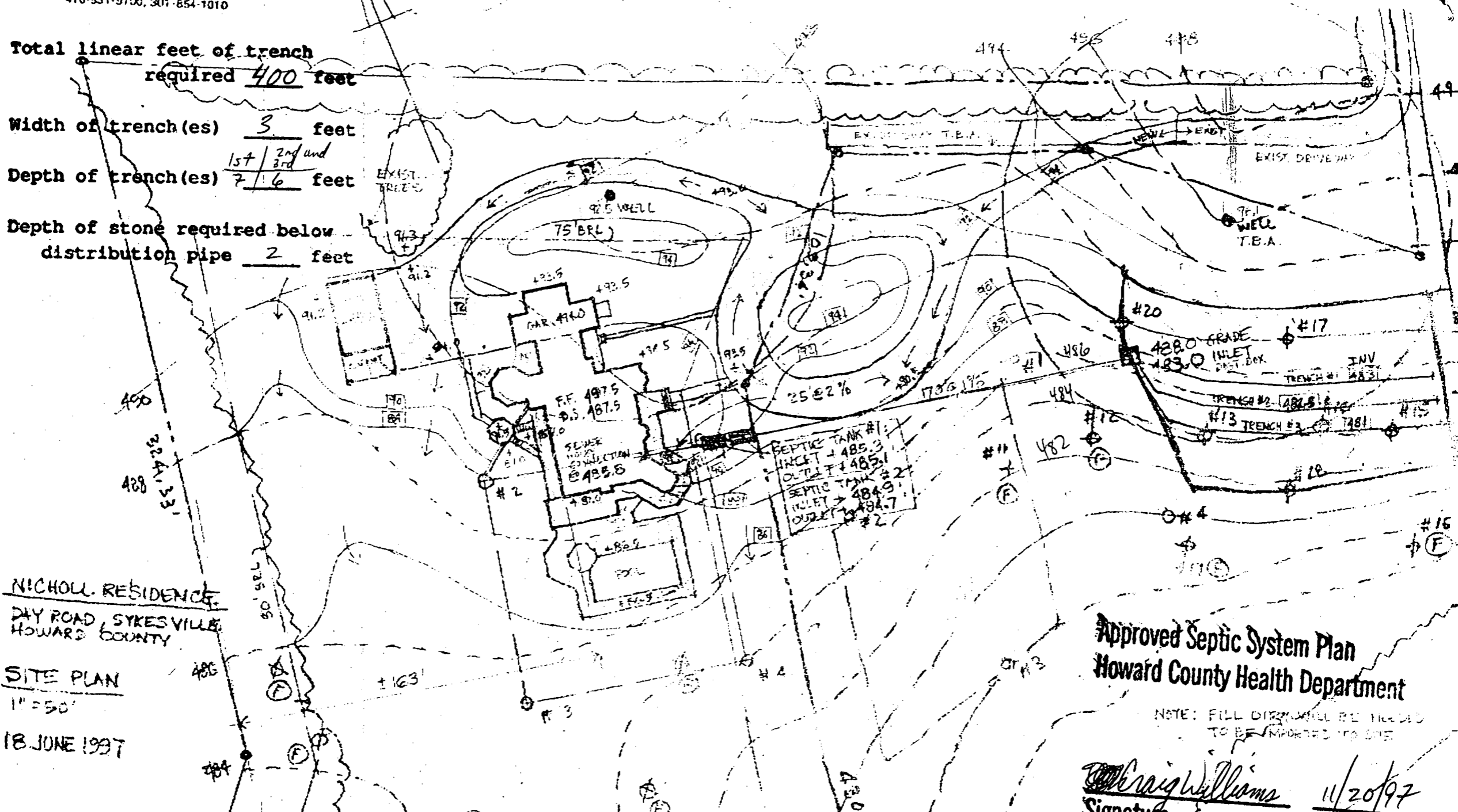
Ruberi Kaplan Architects, PA
 6328 Angel Rose Court
 Columbia MD 21044
 410-531-9100, 301-854-1010

Total linear feet of trench
 required 400 feet

Width of trench (es) 3 feet

Depth of trench (es) $\frac{1st}{7}$ / $\frac{2nd \text{ and } 3rd}{6}$ feet

Depth of stone required below
 distribution pipe 2 feet



NICHOLL RESIDENCE
 DAY ROAD SYKESVILLE
 HOWARD COUNTY

SITE PLAN
 1" = 50'
 18 JUNE 1997

Approved Septic System Plan
 Howard County Health Department

NOTE: FILL DIGGING WILL BE NEEDED
 TO BE IMPROVED TO SITE

Craig Williams
 Signature
 11/20/97
 Date



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

June 9, 1997

Mr. and Mrs. Peter Nicholl
1053 Day Road
Sykesville, MD 21784

RE: Plan Review
Noyes Property Lots 1 and 2
A58079

Dear Mr. and Mrs. Nicholl:

This office has reviewed the percolation certification plan for the above-referenced property. Following are comments subsequent to that review.

A sewage easement based on test holes (13, 14, 15, 18, 19, 20) is suggested. It seems likely that abandonment of the existing well HO-93-0271 would be needed to utilize this area.

Gravity service from neither the first floor nor the basement of the proposed house has not been determined. This determination can only be made after submittal of a plan showing a proposed house site and floor elevations.

Consideration should be given to specifying that the existing recorded sewage easements are to be abandoned. Actual completion of this process would occur by recordation of suitable documentation in the Howard County Land Records.

A meeting in this office has been scheduled to review these plans in greater detail. If you have any questions, please call me at 313-2640.

6/17/97 MEETING HELD
DESIGN OPTIONS DISCUSSED
& NEEDED TO RECORD --
APPLICANT WILL SUBMIT PROPOSAL FOR REVIEW.
(CW)

Very truly yours

Mark Rifkin

Mark E. Rifkin, R.S.
Water and Sewerage Program

MR

cc: Robert Kaplan
Stephen Barnhart
File

DECLARATION OF EASEMENT

THIS DECLARATION OF EASEMENT, made this ^{4th} day of August, 1997, by PETER T. NICHOLL and TERESA A. NICHOLL, husband and wife.

WHEREAS, Peter T. Nicholl and Teresa A. Nicholl are the fee simple owners of Lots Nos. 1 and 2 as shown on a Plat entitled, "Final Subdivision Plat of the Property of Geroge H. and Elizabeth V. Noyes, Lots 1 and 2", recorded among the land records of Howard County as Plat No. 11865, which lots were acquired from Elizabeth A. Noyes and George H. Noyes, Sr., individuals and trustees, by Deed dated February 21, 1997 recorded in the land records of Howard County, Maryland in Liber 3931, folio 531, and

WHEREAS, a portion of Lot No. 1 as shown on said plat, will be used as a means for septic, utilities and private driveway access for Lot No. 2, and Peter T. Nicholl and Teresa A. Nicholl by this Declaration, desire to create in perpetuity, an easement for such purposes.

NOW THEREFORE, THIS DECLARATION WITNESSETH:

That Peter T. Nicholl and Teresa A. Nicholl for themselves, their personal representatives and assigns, do hereby declare and create a perpetual easement over Lot No. 1 for septic, utilities and driveway access for the use and benefit of the owners of Lot No. 2 and their Personal Representatives and assigns, all that area containing 1.1728 acres as shown on a plat and description prepared by Stephen C. Barnhart, R.P.L.S. #168 attached hereto as EXHIBIT "A" and made a part hereof.

That the easement described and created pursuant to the provisions hereof, shall be for the purpose of providing a means of septic, utility and driveway access for Lot No. 2, as shown on the plat of the property of George H. and Elizabeth V. Noyes as hereinabove set forth and shall be a burden upon Lot No. 1 on which the easement is located and shall be for the benefit of Lot 2 served thereby and shall run with and bind the land in perpetuity.

For maintenance of the use-in-common access easement for Lot No. 1 and 2 and also Lot 2 of the Sarah Noyes property, see Liber MDR 3510, folio 75.

IN WITNESS WHEREOF, the parties hereto have caused the within Declaration to be executed the day and year first above written.

2
20

SS:

Raymond J. Hynson
Raymond J. Hynson

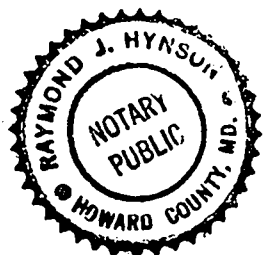
Peter T. Nicholl (SEAL)
PETER T. NICHOLL

Teresa A. Nicholl (SEAL)
TERESA A. NICHOLL

STATE OF MARYLAND, COUNTY OF HOWARD, to wit:

I HEREBY CERTIFY, that on this 4th day of August 1997, before me, the subscriber, a Notary Public of the State of Maryland, personally appeared Peter T. Nicholl and Teresa A. Nicholl, known to me (or satisfactorily proven) to be the persons whose names are subscribed to the within-instrument, and acknowledged the instrument to be their act and in my presence signed and sealed the same.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



Raymond J. Hynson
Notary Public

My Commission expires:
4-1-2001

IMP. FD. BUREAU	2.00
RECORDING FEE	20.00
TOTAL	22.00
APR 4 1997	APR 4 33633
MAR 29 1997	MAR 4 254
AUG 04 1997	02:07 PM

THIS IS TO CERTIFY that the within instrument was prepared by or under the supervision of the undersigned, an attorney duly admitted to practice before the Court of Appeals of Maryland.

Raymond J. Hynson
Raymond J. Hynson, Esquire

after recording
Mail To
Mr & Mrs Peter T. Nicholl
1053 Day Road
Sykesville, Md. 21784

LAW OFFICES

PETER T. NICHOLL

ATTORNEYS AND COUNSELORS AT LAW

SUITE 1700

36 SOUTH CHARLES STREET

BALTIMORE, MARYLAND 21201

PETER T. NICHOLL **
WILLIAM C. BURGY **
FAITH A. TOWNSEND *
TIMOTHY J. HOGAN **

OF COUNSEL:
PAUL A. WEYKAMP *

TELEPHONE (410) 244-7005

FAX (410) 244-1047

* ADMITTED IN MD

* ADMITTED IN DC

* ADMITTED IN PA

November 10, 1997

VIA FEDERAL EXPRESS

Mr. Craig Williams
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043-4544

Dear Mr. Williams:

Mark Rifkin called awhile back asking that we send over a copy of the easement documents. I am enclosing those papers.

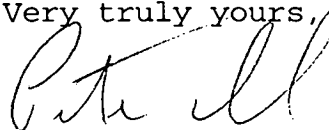
I trust that all is now well in your office concerning our property.

We have just recently applied for a building permit and hope to avoid any additional headaches similar to those experienced earlier in the year. In fact, I have recently been called by Ken over at the Dept. of Planning & Zoning questioning the septic areas on both lots. I told Ken to call you with regard to the approval of the changes that were made.

In this regard, I have given the appropriate statutory notice to the County Executive required by Section 5-404 of the Courts of Judicial Proceedings Article. As you probably know, notice of a possible legal action for damages against the county and its employees should be given within 180 days of the knowledge of injury or loss. A copy of the notice is enclosed.

Please let me know if you have any questions or concerns. Again, I very much appreciate your efforts in working through this potentially difficult situation.

Very truly yours,



Peter T. Nicholl

PTN/mah
Enclosures

LAW OFFICES
PETER T. NICHOLL
ATTORNEYS AND COUNSELORS AT LAW
SUITE 1700
36 SOUTH CHARLES STREET
BALTIMORE, MARYLAND 21201

PETER T. NICHOLL *
WILLIAM C. BURGY *
FAITH A. TOWNSEND *
TIMOTHY J. HOGAN *

OF COUNSEL:
PAUL A. WEYKAMP *

TELEPHONE (410) 244-7005
FAX (410) 244-1047

* ADMITTED IN MD
* ADMITTED IN DC
* ADMITTED IN PA

November 3, 1997

VIA CERTIFIED MAIL

Mr. Charles I. Eckert
County Executive for
Howard County
3430 Court House Drive
Ellicott City, MD 21043

Dear Mr. Eckert:

Pursuant to section 5-404 of the Courts & Judicial Proceeding Article, I am writing to give notice to the county of a potential claim.

On or about February 21, 1997, my wife, Teresa, and I purchased two parcels of land. The lands were properties of George H. & Elizabeth B. Noyes, Lots #1 & 2, recorded among the land records of Howard County as Plot No. 11865 and which were acquired by us from the Noyes by Deed dated February 21, 1997 recorded in the land records of Howard County in Liber 3931 and Folio 531.

Both lots had existing septic fields and wells approved by the County and the County's approval in this regard (which occurred in 1990) was relied upon by us in purchasing the lots.

On or about May 6, 1997, my wife and I repercolated the property on Lot 2 in order to see if we could move the location of our unbuilt home to a more desirable area on the lot.

When the people from the Bureau of Environmental Health came out to test the percolated holes for the proposed new septic, it was determined that the original septic field was no longer viable and, indeed, the entire Lot 2 property would not repercolate. In other words, the County health department would not allow the original septic field, the one on record and upon which we relied to buy the property, to be used. Essentially Lot 2 is not buildable and a worthless piece of property. It was purchased by us for \$105,000 for purposes of building a home and the existing land records at the time of purchase demonstrated that the County approved it for the same purpose.

November 3, 1997

Page Two

Additionally, Lot 1 was repercolated at the same time and during this process it was determined that the original septic field on Lot 1 was also invalid! Consequently, a new septic field was obtained after drilling as many as twelve more new test holes. This new septic field for Lot 1 will be used by the house we intend to place on Lot 2 (remember that Lot 2 does not percolate now according to the County).

Of course, this means that Lot 1 is now significantly devalued since it too was purchased with an existing septic field which was approved by the County in 1990 and relied upon by us when purchasing the lot. The property can no longer be developed as the area will not hold more than one septic field and that one will be used by the home on Lot 2. The purchase price of Lot 2 was a similar amount paid for Lot 1.

The staff at the Bureau of Environmental Health has been working with us to get an acceptable septic on Lot 1 which can be used by the Lot 2 property. We now have an approved septic field on Lot 1 for use by Lot 2 and we have filed the easement papers requested by that bureau.

While I do not anticipate any further action being necessary following this letter, I am sending this out of an overabundance of caution. The 180 day notice requirement runs out soon. Therefore, any unanticipated problems with the building permit process, which could trigger further legal action, would necessarily occur after the statutory notice period has run. Thus, we are simply acting to protect our interests.

Thank you for your attention to this matter.

Very truly yours,



Peter T. Nicholl

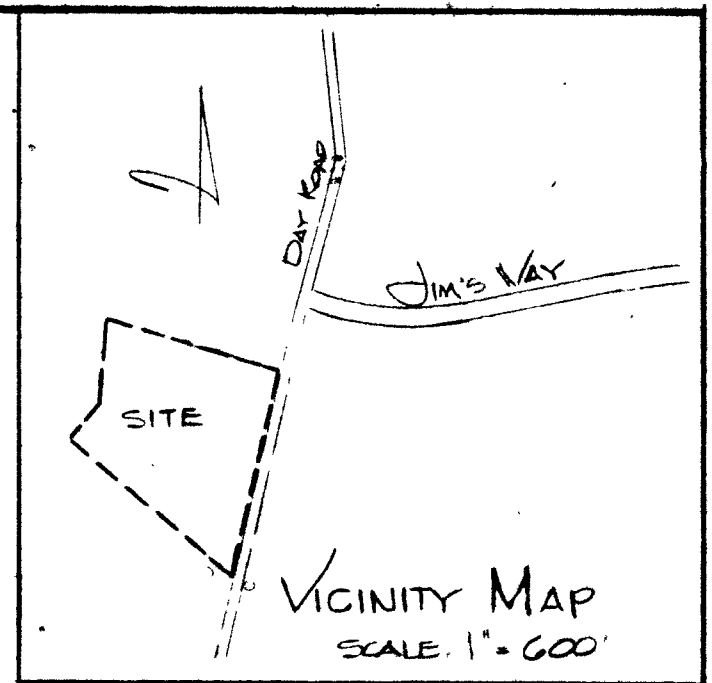
PTN/mah

LEGEND

- DENOTES PERL TESTS PREVIOUSLY APPROVED (JAN 9, 1995)
- ⊕ DENOTES PERL TESTS PERFORMED AND OBSERVED BY M. RIFKIN, C. WILLIAMS MAY 7, 8, 1997

AREA ACQUIRED FROM HARVEY W. NOYES 322B/310

Easement for utilities, grading, driveway access and septic area over a portion of Lot 1 for the use of Lot 2 (SEE DECLARATION OF EASEMENT DATED AUG 4, 1997 IN G-289-4227-F-0105)

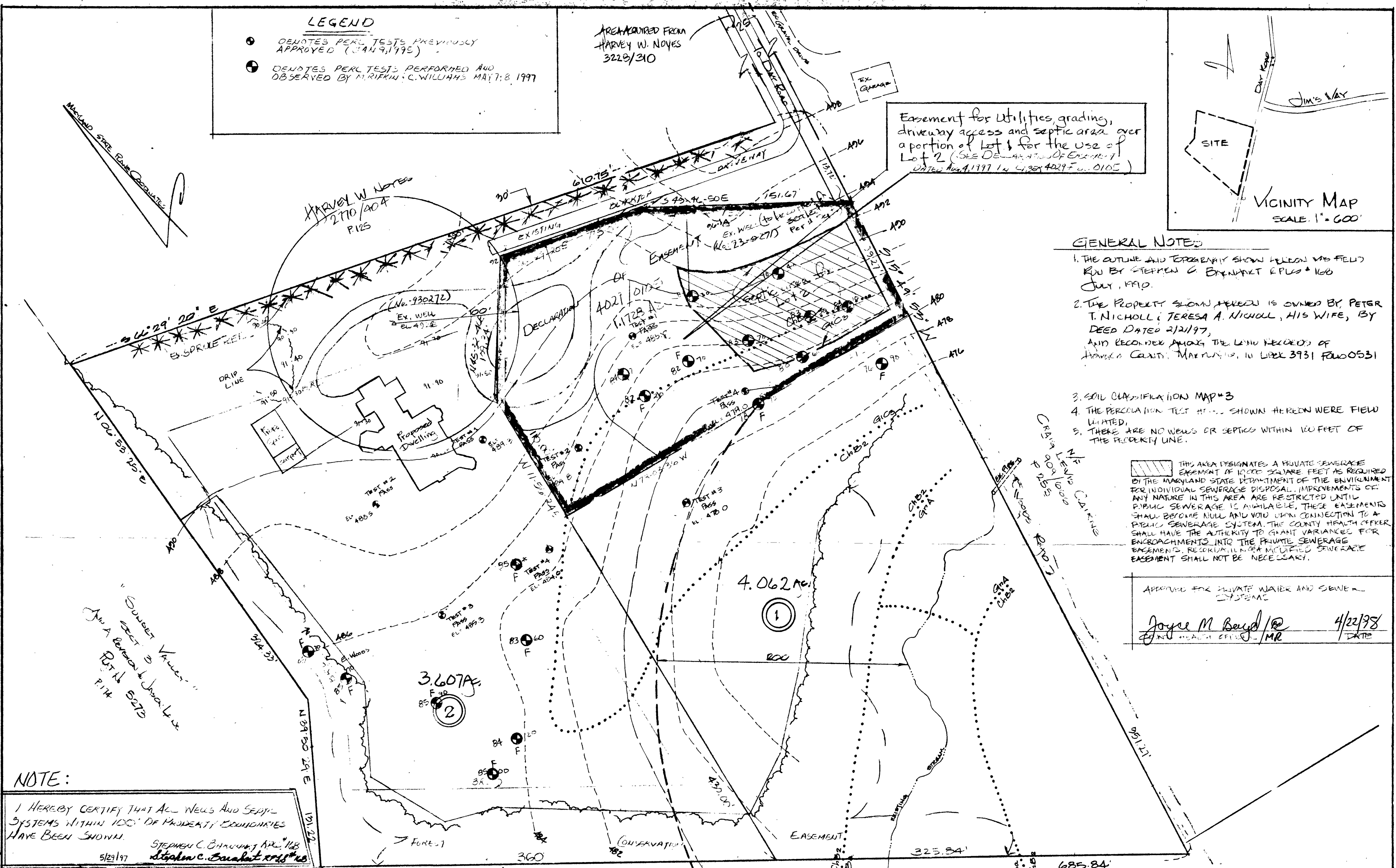


GENERAL NOTES

1. THE OUTLINE AND TERRAIN SHOWN HEREON WAS FIELD RUN BY STEPHEN C. BRYNHART RPLS # 600 JULY, 1990.
2. THE PROPERTY SHOWN HEREON IS OWNED BY, PETER T. NICHOLL, TERESA A. NICHOLL, HIS WIFE, BY DEED DATED 2/21/97, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, IN LIBER 3931 FOLIO 531.
3. SOIL CLASSIFICATION MAP # 3
4. THE PERCOLATION TEST AREAS SHOWN HEREON WERE FIELD LITATED.
5. THERE ARE NO WELLS OR SEPTICS WITHIN 100 FEET OF THE PROPERTY LINE.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENTS. RECORDATION OF A PRIVATE SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND SEWER SYSTEMS
 Joyce M. Boyd / R
 COUNTY HEALTH OFFICER / MR
 4/22/98
 DATE



"SUGGEST VARIANCE" AND A REVISION TO JUDICIAL DECISION P. 114

NOTE:

I HEREBY CERTIFY THAT ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF PROPERTY BOUNDARIES HAVE BEEN SHOWN.

STEPHEN C. BRYNHART, RPLS # 600
 5/23/97
 Stephen C. Brynhart, RPLS # 600

PREPARED BY
 STEPHEN C. BRYNHART, RPLS # 600
 PO BOX 244
 FINKSBURG, MD 21046
 (301) 861-8730

OWNER/DEVELOPER
 MR. & MRS. PETER NICHOLL
 1053 DAY ROAD
 SYKESTVILLE, MD. 21784
 410-442-1429

REVISED PERCOLATION TEST CERTIFICATION AND SITE PLAN OF GEORGE H. NOYES PROPERTY
 RAT MDR No. 11865
 DATE AUGUST 20, 1990
 SCALE: 1" = 50'
 TAX MAP # 9 PARCEL # 126

REV. - 5/29/97 - ADDED NEW PERCOLATION TEST ELEVATIONS (PER PLAN # A-38270) WELLS, EX. WELLS, BLUEPRINT DRIVE, PROPOSED HOUSE SITE - ADDED EX. 1, FCE, MISC. CURVE (S.C.B.)
 REV. - DEC. 21, 1994 - ADD NOTES AND ADD AREA TO 10,000 SQ. FEET SEWERAGE EASEMENT LOT PER PLAN. REVISED FEB. 20, 1996 - ADD NEW TEST POINTS, ADD GRASSY LOT, REVISE LOT LINE
 REVISED 2/13/92 REVISED EASTERN BOUNDARY LINE PER PLAN
 JAN 21 1991 WIDEN LOT 2 PARALLEL TO 30'
 REVISED: NOV 10 1990 ADJUST SEPTIC LOT 1 & ADD PERCOLATION

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 7-8-98 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

Ho -93 -0271

* PERMIT NUMBER OF REPLACEMENT WELL

- -

* PERSON ABANDONING WELL: Lester C. Simmons Sr.

WELL DRILLERS LICENSE NUMBER: 307

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: Percession Homes

* WELL LOCATION: 1124 Day Rd
 COUNTY: Howard
 NEAREST TOWN: Sykesville
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 NEAREST ROAD: Jim's Way

	X
0 0 0	
0 0 0	

SHOW WELL LOCATION BY X WITHIN BOX

MARYLAND GRID COORDINATES

BOX NUMBER
 E 805
 N 549

* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) _____
- JETTED
- HAND DUG

* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 65 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 2

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Bentonite</u>	<u>65</u>	<u>2</u>
<u>Backfill</u>	<u>2</u>	<u>0</u>

Lester C. Simmons Sr. 307 MWD/MSD/MGD 7/9/98
 SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE # CIRCLE ONE DATE

40 feet

N76°07'51"E
10.66'

250

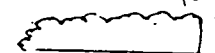
SUNSET VALLEY, SECT. 3
AND A REVISION TO JASON LANE
PLAT - 5273

HARVEY W. NOYES
2776/1424

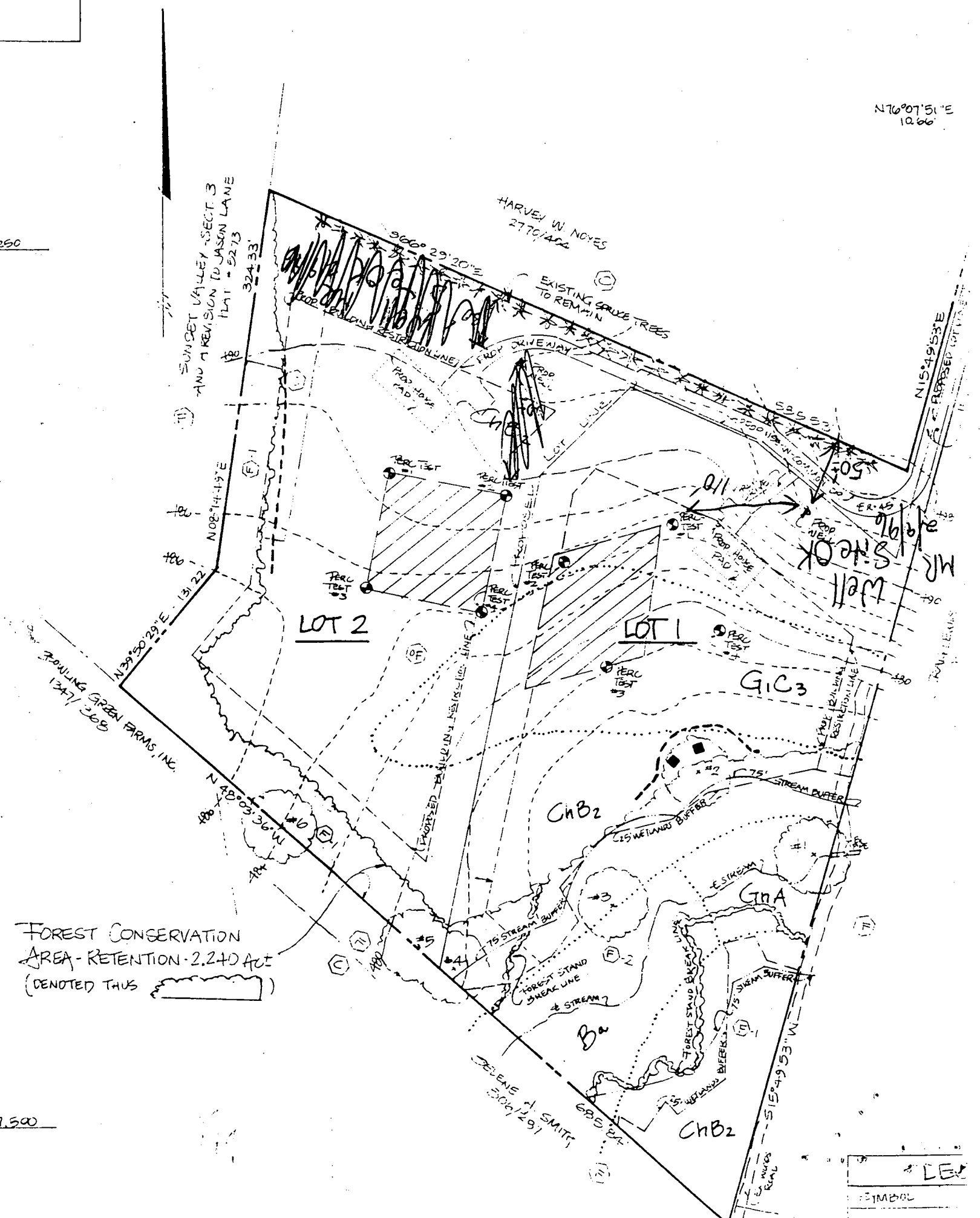
N15°49'53"E
6.88'

PAULING GREEN FARMS, INC.
1347/368

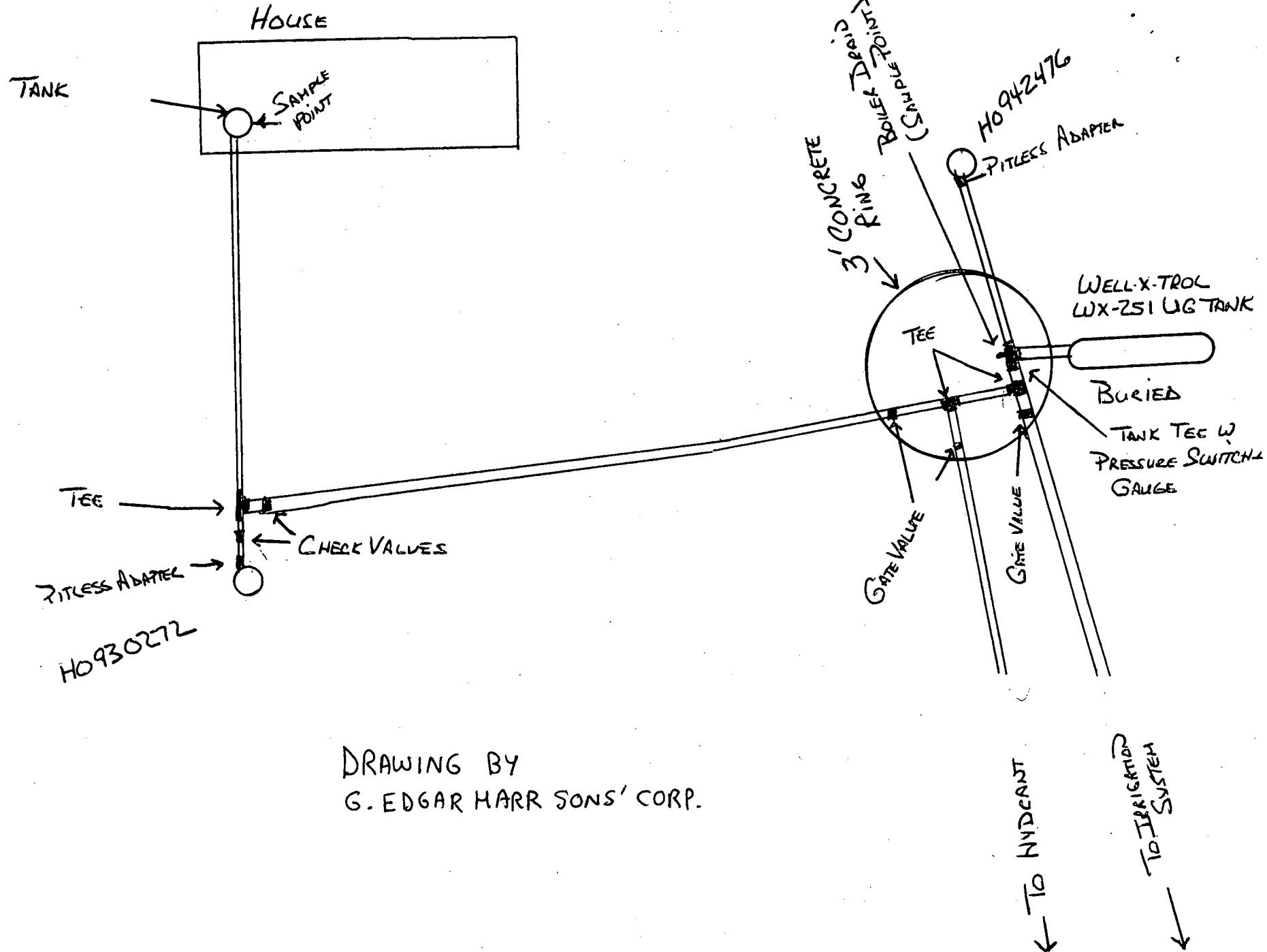
MR. S. HOOK
Walt

FOREST CONSERVATION
AREA - RETENTION - 2.240 AC
(DENOTED THUS )

27.500



1154 DAY ROAD



DRAWING BY
G. EDGAR HARR SONS' CORP.

1987

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A58099

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 11/05/99

DEPTH OF WELL 2200

OWNER Nicholas Petes, STREET OR RFD 1124 Day Road, TOWN Sykesville

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes entries for Overburden, Gray Rock, and water at 85'.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (33), NO. OF POUNDS (3300)

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (73)

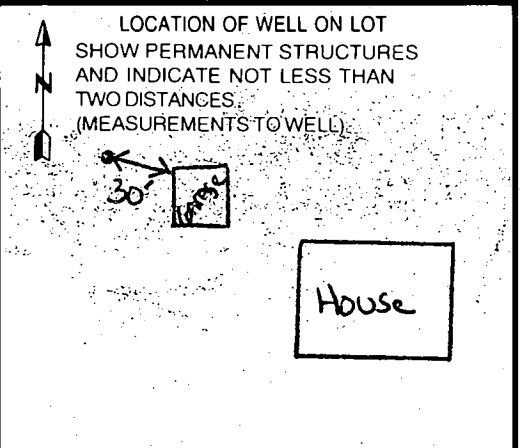
OTHER CASING (if used) diameter, depth (feet)

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) table with rows for casing sections and slot size.

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (15.0), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (17 ft. before, 32 ft. when pumping)

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY (31 GPM), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04

DRILLERS LIC. NO. MWD 399, DRILLERS SIGNATURE (Thomas McElth)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q

B 1 13147

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2496 fill in this form completely

Date Received (APA) 9/27/99

OWNER INFORMATION

8 MM DD YY 13 15 Last Name Owner First Name 34 1124 DAY Road 36 Street or RFD 55 57 Town 70 State 72 Zip 76 Sykesville MD 21784

B 3 LOCATION OF WELL

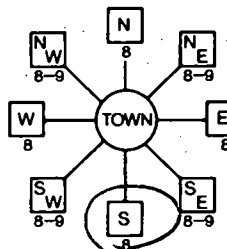
8 COUNTY 21 Howard 23 SUBDIVISION No Yes Property 42 SECTION 44 46 LOT 1+2 48 50 52 NEAREST TOWN Sykesville 71

MILES FROM TOWN (enter 0 if in town) 2 M I 73 76 77 78

DRILLER INFORMATION

Driller's Name Paul H. Fabiszak M W D 3 9 9 76 License No. 81 Firm Name G. Edgar Harr Sons' Corp Address 12047 Falls Rd Cockeysville 21030 Signature Date 9/24/99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 124 DAY Road 30 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 100 37 DISTANCE FROM ROAD FT 38 39 ENTER FT OR MI TAX MAP: 9 BLK: 9 PARCEL 126

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 10 8 2000 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 2000 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS8099 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 10/18/99 Small Pinsky 10/18/00 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 548 000 EAST GRID 0506 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 200 24 FEET 28 APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

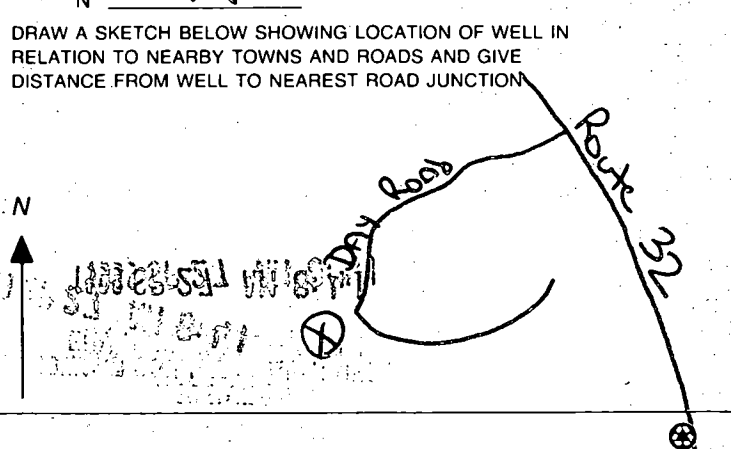
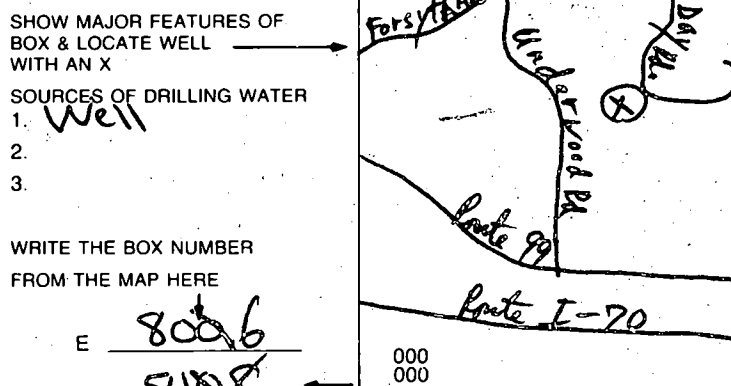
BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTary Drive-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

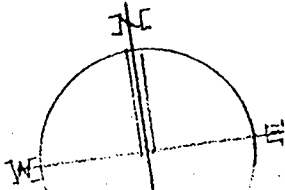
- N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS (circled) D THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 HO-93-0272

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER 54 GAP 63 PERMIT No. HO-94-2496 70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

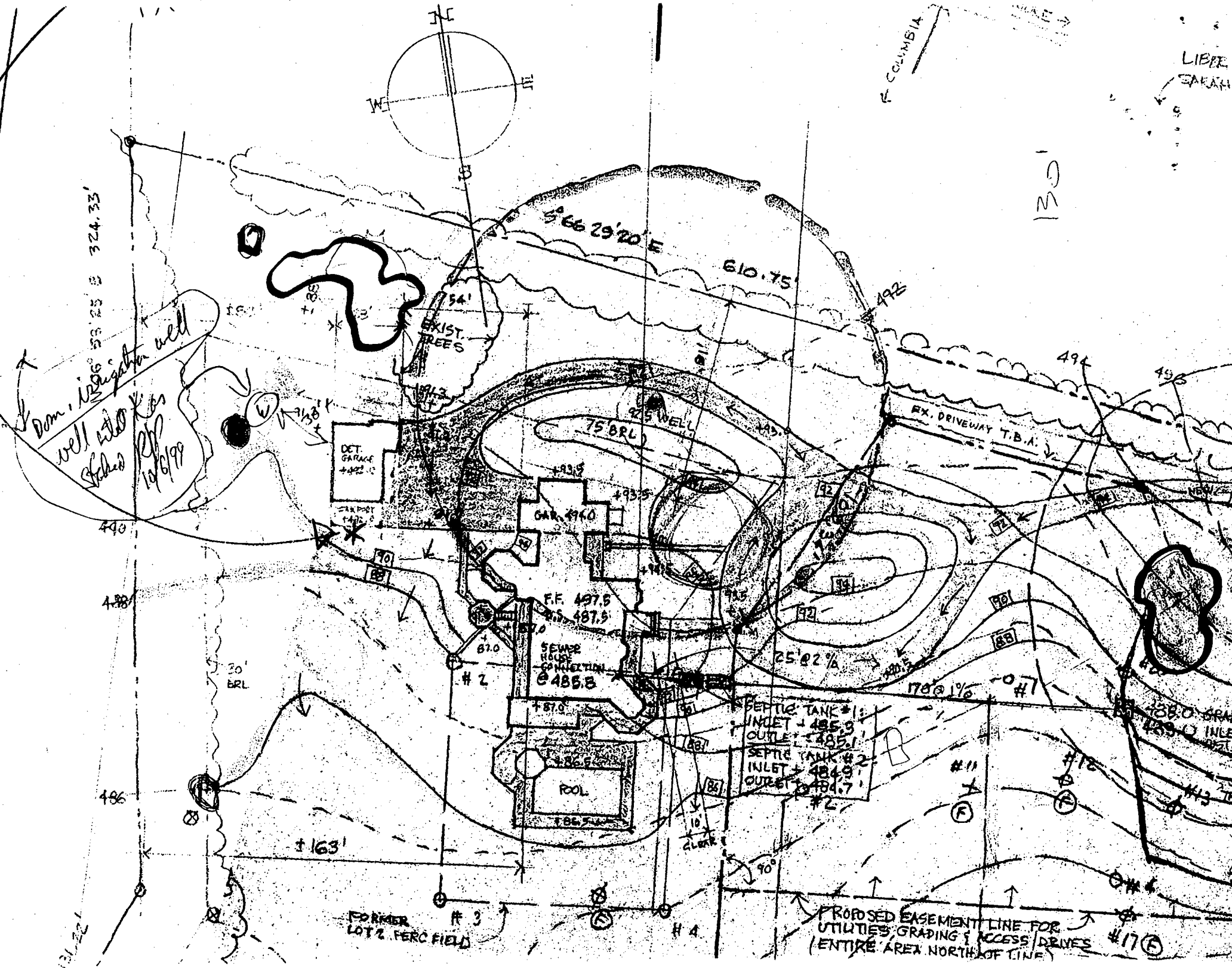


R. COLUMBIA

LIBER
SARAH

130

Dom. irrigation well
well with
sheds
10/6/99



EX. DRIVEWAY T.B.A.

SEPTIC TANK #1
INLET + 485.3
OUTLET + 485.1
SEPTIC TANK #2
INLET + 484.9
OUTLET + 484.7

FORMER LOT 2 PERC FIELD

PROPOSED EASEMENT LINE FOR UTILITIES, GRADING & ACCESS/DRIVES (ENTIRE AREA NORTH OF LINE)

138.0 GRAD
139.0 INLET
142.0

C1 0243

SEQUENCE NO. (MDE 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.

COUNTY NUMBER A 46325

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED

042497

DATE WELL COMPLETED

032496

Depth of Well

105 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

MO-93-0272

OWNER Noyes George STREET OR RFD Day Rd TOWN Sykesville SUBDIVISION GEO. NOYES SECTION LOT 2

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Slate, Blue Slate, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT [X] BENTONITE CLAY [X] NO. OF BAGS 15 NO. OF POUNDS 1410 GALLONS OF WATER 90 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 45 ft.

CASING RECORD

MAIN CASING TYPE [X] Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 47

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole [X] STEEL [X] BRASS BRONZE [X] OPEN HOLE [X] PLASTIC [X] OTHER

DEPTH (nearest ft.)

Table for depth with columns for casing height and screen depth.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

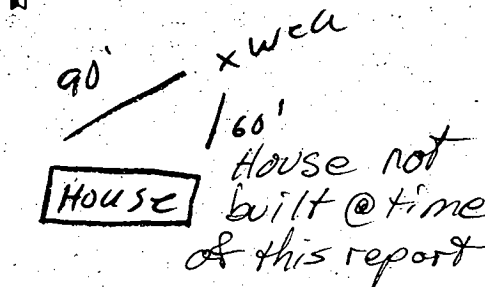
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 18 ft. WHEN PUMPING 90 ft. TYPE OF PUMP USED (for test) [X] air [X] piston [X] turbine [X] centrifugal [X] rotary [X] other [X] jet [X] submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES OR NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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)



B 1 **8533** - SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)

STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-93-0272
 fill in this form completely

OWNER INFORMATION
 Date Received (APA) **01/25/96**
 Owner: **Moyes George H**
 Street or RFD: **520 Klee Mill Rd**
 Town: **Sykesville** State: **MD** Zip: **21784**

LOCATION OF WELL
 County: **Howard**
 Subdivision: **GEORGE NOYES**
 Section: **2** Lot: **2**
 Nearest Town: **Sykesville**
 Miles from town: **1** MI

DRILLER INFORMATION
 Driller's Name: **Stanley W. Bollinger** License No. **081**
 Firm Name: **Star's Well Drilling**
 Address: **P.O. Box 2035 West, Md. 21157**
 Signature: **Stanley W. Bollinger** Date: **1/25/96**

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 (Map showing directions N, S, E, W, NE, SE, SW, NW)

NEAR WHAT ROAD
Day

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 (Map showing North, South, East, West)

DISTANCE FROM ROAD
200 FT

TAX MAP: 9 BLK: 9 PARCEL: 126

WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 County Name: **Howard** County No. **A46326**
 State Signature: **Mark E. Riffin** DATE ISSUED: **02/15/96** EXP. DATE: **2/15/97**
 NORTH GRID: **548000** EAST GRID: **0806000**

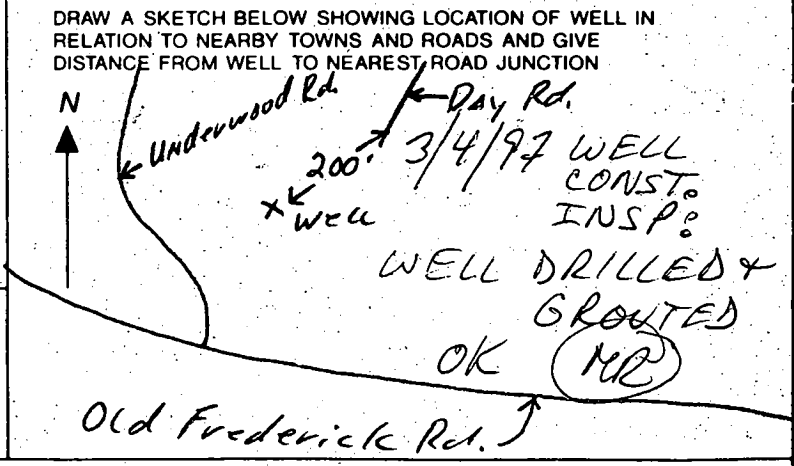
APPROXIMATE DEPTH OF WELL **165** FEET
 APPROXIMATE DIAMETER OF WELL **6** INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. **Well**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **8026**
 N **5428**

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCUSSIVE ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEAN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROX. PERMIT NUMBER **GAP**
 FORCE **MR** WRITE INITIALS IN BOX PERMIT No. **HO-93-0272**

