

75-95
9/10/95

PERMIT

Need House Connection 7/5/95

SEWAGE DISPOSAL SYSTEM

P 50760

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41845

HOWARD COUNTY HEALTH DEPARTMENT

01-348486

DISTRICT _____

BUREAU OF ENVIRONMENTAL HEALTH

DATE 7/3/95

461-9933 313-2640

DATE SYSTEM APPROVED 11/29/95

INDEXED

INSPECTOR DKS

(per Steve Thompson builder)

Farm and Home Excavating, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 901 Driver Rd. Marriottsville, MD 21104

PHONE 442-2139

SUBDIVISION Kyne Property LOT 3

ROAD ~~13855~~ 13880 Forsythe Road 13855

PROPERTY OWNER Mr. and Mrs. Gerald Sagel

ADDRESS 3817 McDonough Road Randallstown, MD 21133

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

$\frac{20 \times 4 = 280}{3 / 210}$

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting at the intersection of the 270.28' and 370.28' lot lines, place the distribution box 80' down the 370.28' lot line and 45' off this same lot line as seen when facing the lot from Forsythe Road. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/3/95 DKS

PLANS APPROVED BY Donna K. Soe

DATE 3/1/95

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

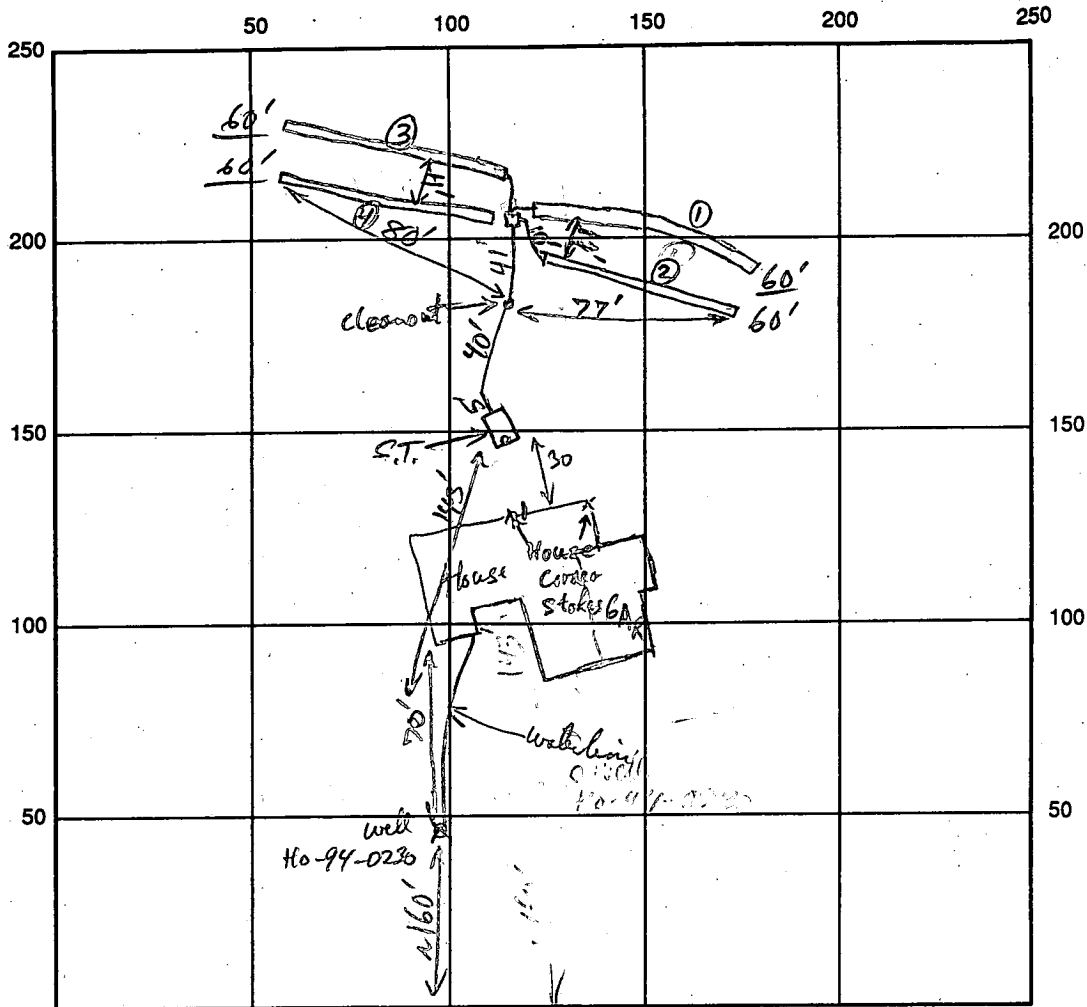
PERMIT VOID AFTER TWO YEARS

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
41845



Forsyth Rd INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gal CLEANOUTS S.T.
 DISTRIBUTION BOX LEVEL ✓
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{1, 2, 3, 4}{60/60/60/60}$ FT. = 240 L.F. Total
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: S.T., Dist. box level, 1st Trench OK to Cover 11/7/95
2nd Trench OK to Cover 3rd Trench OK to gravel field 7/15/95 Final Trench OK to Cover 11/15/95
Needs House Connection - House Not Built yet.
11/29/95 House connection verified by phone w/ Mr. Thompson, DKS (builder)
Pit holes within 4' 11/20/95
 DATE SYSTEM APPROVED 11/29/95 INSPECTOR Donna K Sae

APPLICATION

PERCOLATION TESTING

A 41845

P _____

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

DISTRICT 4TH

DATE 5-24-88

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER Philip W. Kyne & Wife Mr. + Mrs. Jerry Segal

ADDRESS 13865 Forsythe Rd. Sykesville, Md. 21784 PHONE 442-2088

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Kyne property LOT NO. 3

ROAD AND DESCRIPTION 13880 Forsythe Rd. Sykesville

TAX MAP 9 PARCEL # 44

SIZE OF LOT 3 Ac. TYPE BLDG _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 7/16/88
Serial # 60295 - 4B**
Single Family

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.

Joy C. Kyne
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/29/88 PERC OK HOLD FOR PLAT

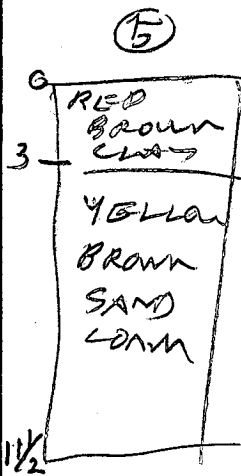
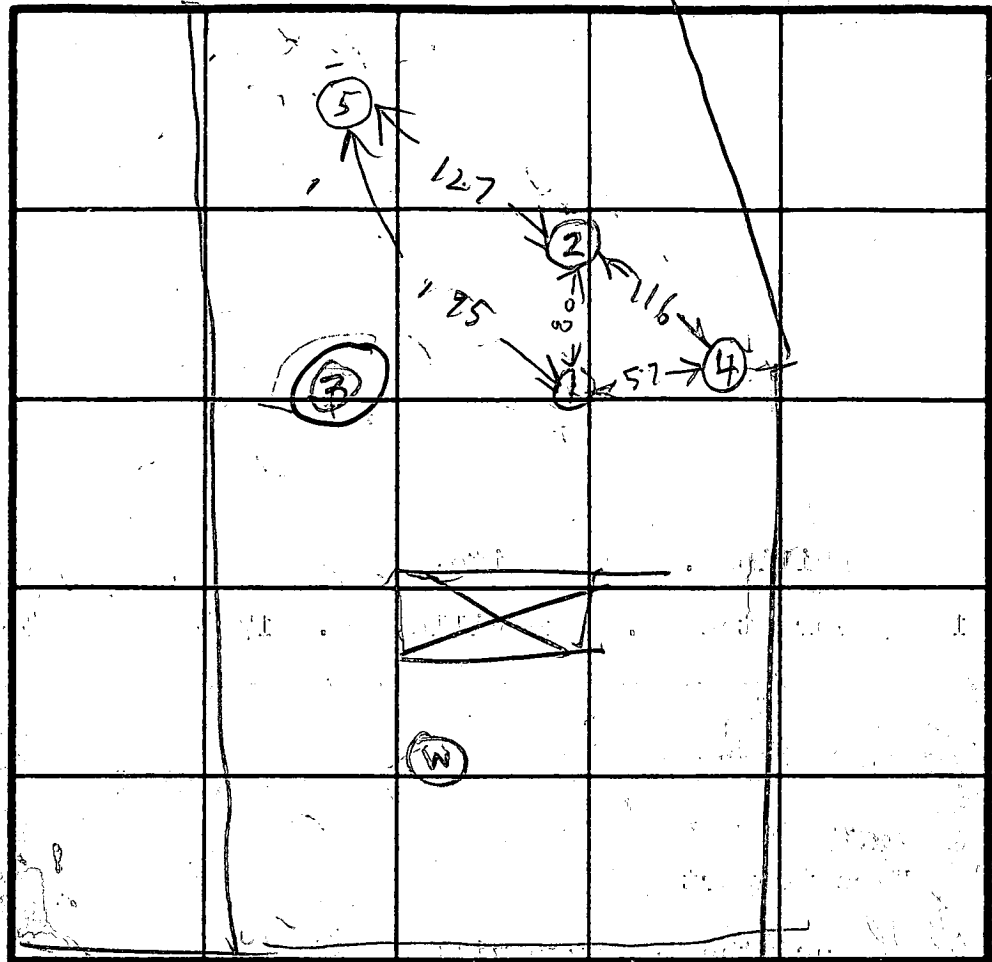
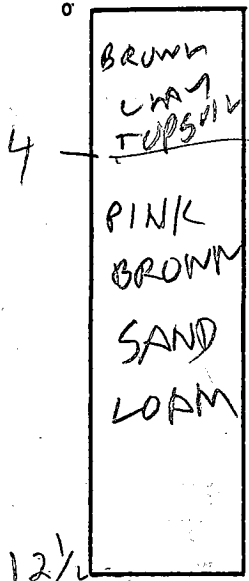
HD-216

THIS IS NOT A PERMIT

OOD SHAPE
LOTS SEE PLAT

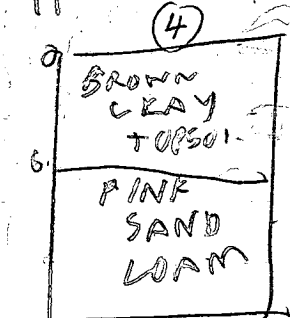
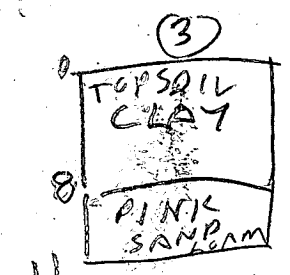
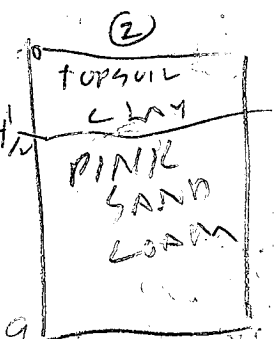
A41845 ?#3

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FORSYTE RD



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/29/88	15	5.5	159	209	209	225	16
	17	10.5	200	201	261	211	10
7/29/88	IV	12 1/2	OK				
	25	5.5	208	220	220	232	12
	27	9	209	211	211	226	15
	2V	12	OK				
	(3V)	11 1/2	TOP	8 FT. CLAY	UNSATURATED	7 1/2 IN. SAND	
	29	7	258	301	301	320	19
	4V	12	OK				
	53	4	334	335	335	343	8
	5V	11.5	OK				

REMARKS: Hole (1) & (2) & (3) per SURVEYOR STAKE. Hole (4) & (5) DIFFERENT. Difficult to maneuver backhoe because of Christmas trees.

TESTED BY: R. HODGES

ALSO PRESENT: PAT LINDEN - OWNER, MR. KYNE - OWNER

4597

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A # 4/845

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 110394

Depth of Well 400

PERMIT NO. H0-94-0230

OWNER SAGEL G. last name FORSYTHE RD. first name TOWN SYKESVILLE SUBDIVISION KYNE PROP. SECTION LOT 3

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for top soil, shale, mica, granite, brown slate, and greenite.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 17, NO. OF POUNDS 100.

CASING RECORD: casing types ST (Steel), CO (Concrete), PL (Plastic), OT (Other). MAIN CASING TYPE SJ, Nominal diameter 4, Total depth 60.

OTHER CASING (if used) diameter and depth fields.

SCREEN RECORD: screen type ST (Steel), BR (Brass), HO (Open Hole), PL (Plastic), OT (Other). DEPTH (nearest ft.) 1: H0, 58, 900.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED: yes (Y), no (X).

CIRCLE APPROPRIATE LETTER: A (Well abandoned), E (Electric log obtained), P (Test well converted to production well).

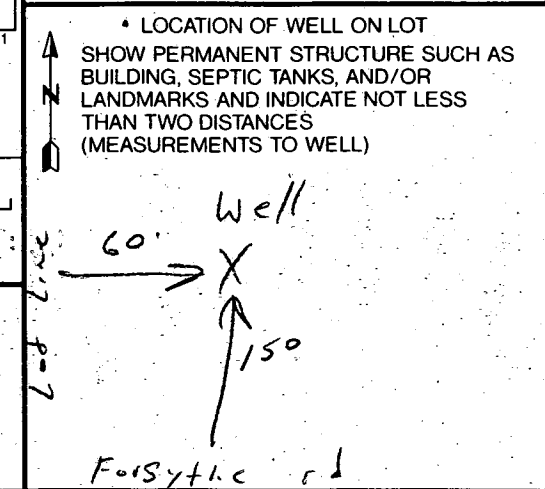
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 400, DRILLERS SIGNATURE (Peery F. Eastenberg), 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. MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (Telescope casing), WQ (Well completion indicator).

PUMPING TEST: C3. HOURS PUMPED 3, PUMPING RATE 4, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 33, WHEN PUMPING 182, TYPE OF PUMP USED S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT 2 (nearest foot).



9/20/95
A.M.

C.F.D. 9/20/95
8:47

9/20 @ 8:50

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

Fax: 313-2648 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 9/19/95

Name of Installer ROBERT L. FEEZER CO

Telephone 781-4625

License Number 2127
Certified Well Pump Installer

Well Driller Registered Plumber

Name of Property Owner JERRY SAGE

Telephone 795-1405

Subdivision KYLE PROPERTY Lot # 3

Well Tag # 10-94-0730

Site Address 13255 FORSYTHE RD.

- MAY BE RECORDED AS LOT 4 - DIVISION

Pump

- 1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible

Motor

- 1. Horsepower 3/4
- 2. RPM 3450
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make HAMILTON
- 2. Model # PT-800
- 3. Depth 42"

2. Make FLINT WALLICE

3. Model # 4F07C07301

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes _____ No

6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Tank

- 1. Capacity 32 GPM
- 2. Pressure relief valve? YES

Piping

- 1. Type PVC
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 42"

Well data

- 1. Depth 400' ft.
- 2. Yield 12 GPM
- 3. Static water level 40' ft.
- 4. Will water supply be disinfected by installer? YES

pitless adapter and water line
OK at 4ft RP. 9/20/95

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

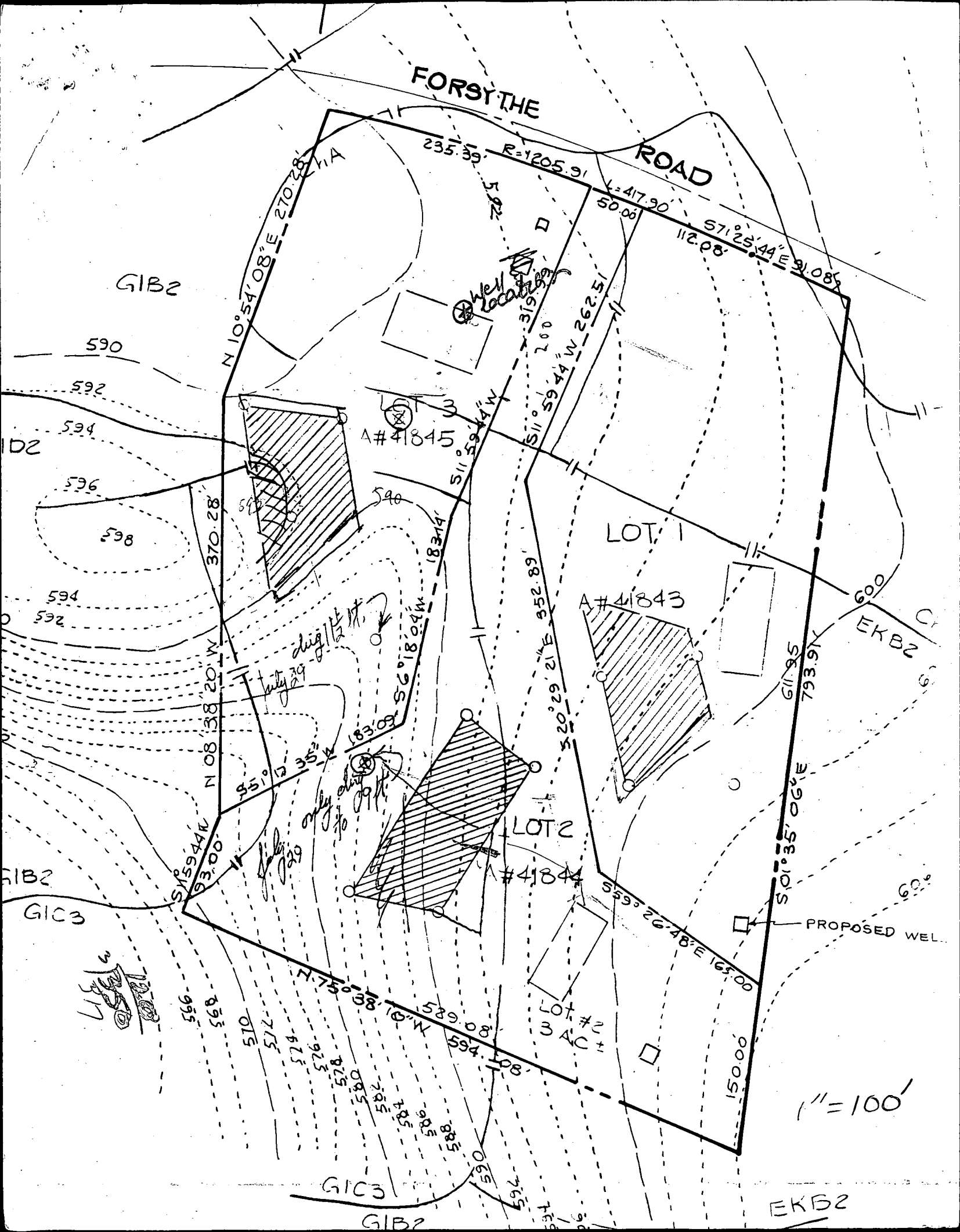
All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 9/20/95

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

FORSYTHE ROAD



GIB2

A #41845

LOT 1

A #41843

LOT 2

#41844

LOT #2
3 AC ±

1" = 100'

PROPOSED WEL

EKB2

EKB2

GIB3

GIB2

GIB3

GIB2

DZ

590

592

594

596

598

594

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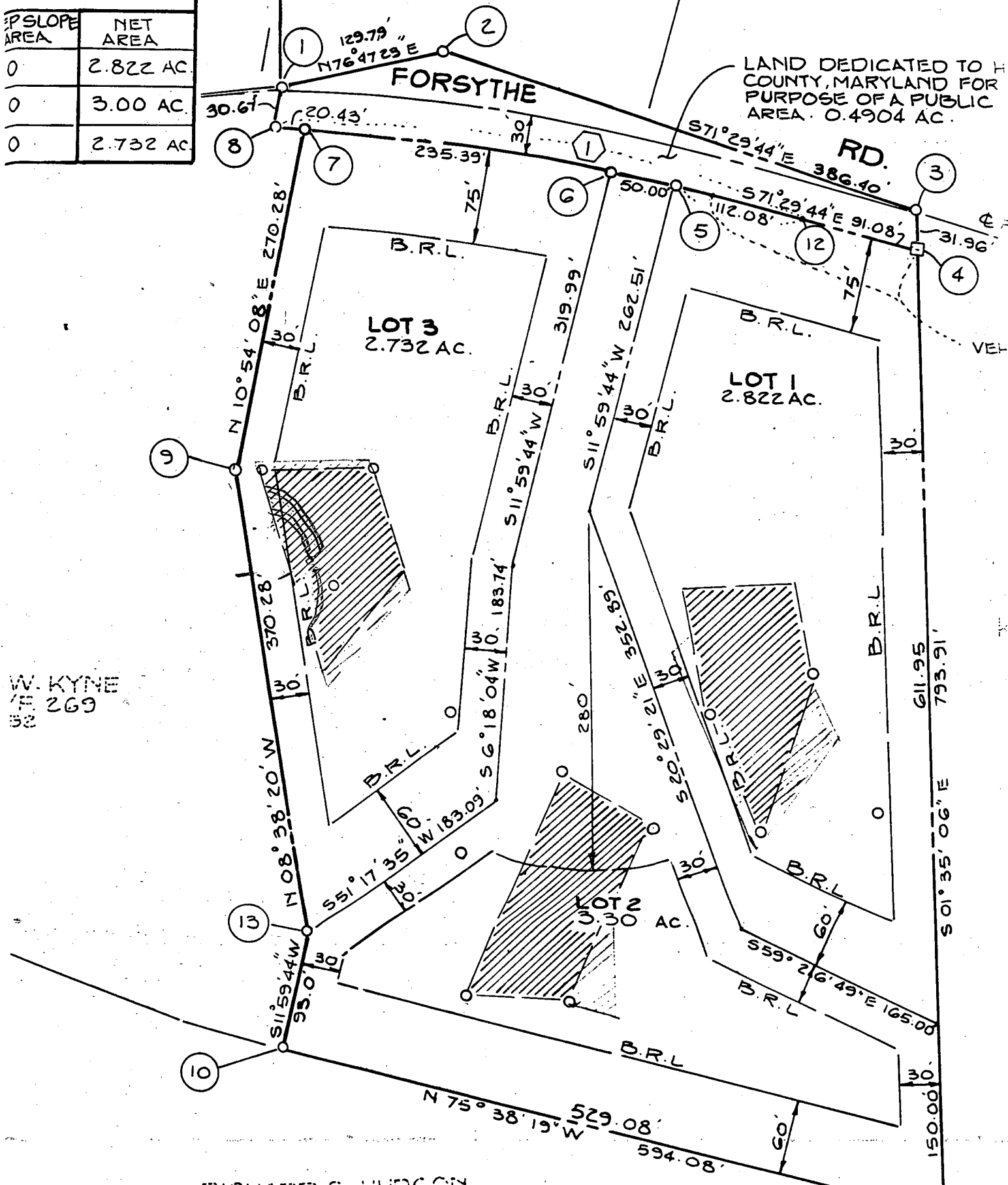
CHORD, BEARING, DIST
N 81° 25' 24" W - 415.82'

JAMES W. DICKEY
L. 542 / 665 P. 159

J.W. DICKEY
L. 978 / 594 P.

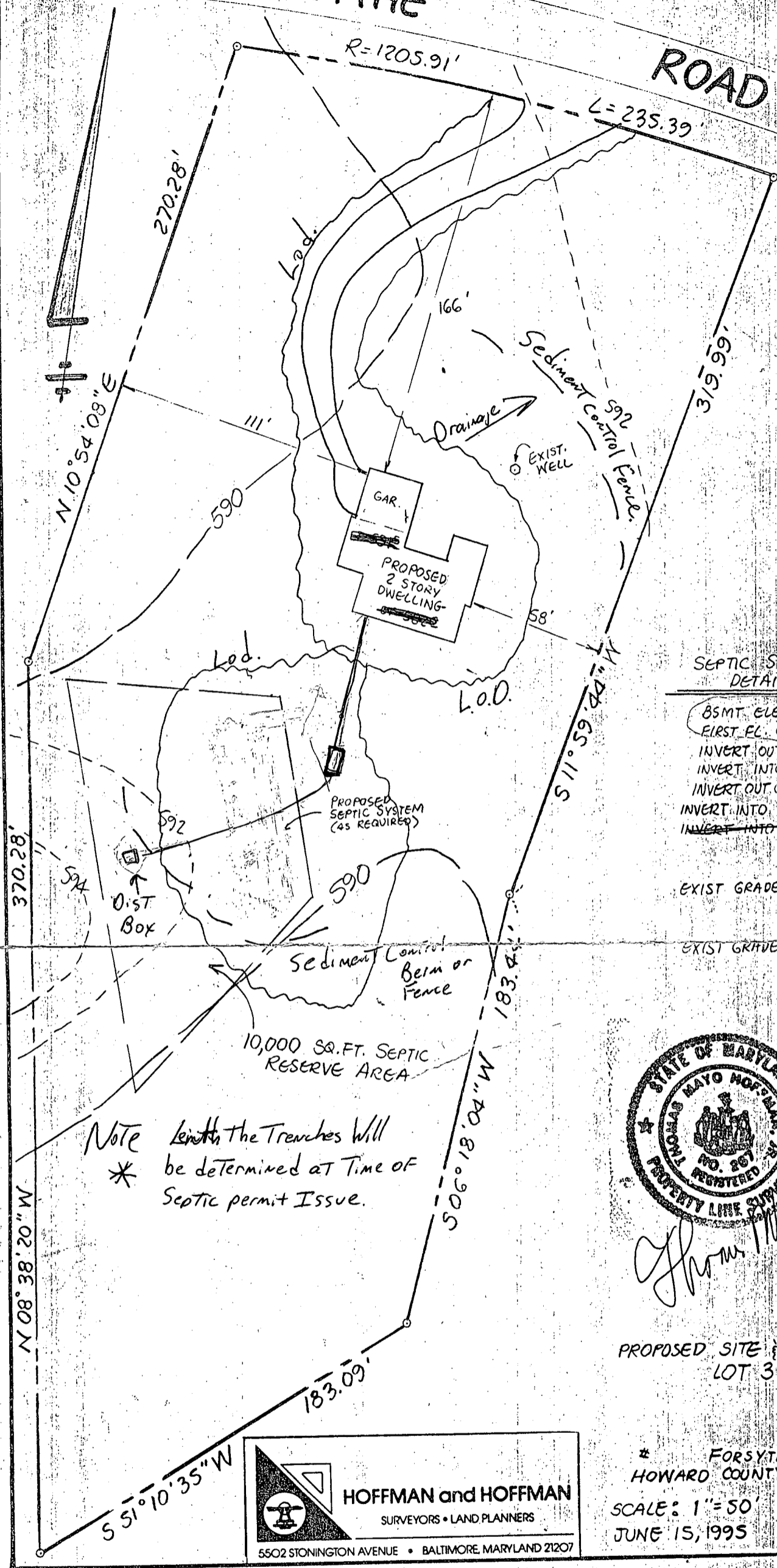
SPSLOPE AREA	NET AREA
0	2.822 AC
0	3.00 AC.
0	2.732 AC

LAND DEDICATED TO H
COUNTY, MARYLAND FOR
PURPOSE OF A PUBLIC
AREA. 0.4904 AC.



W. KYNE
L. 269

FORSYTHE ROAD



SEPTIC SYSTEM DETAILS/ELEVATIONS

BSMT. ELEV	(591.5)
FIRST FL. ELEV	(592.2)
INVERT OUT OF HOUSE	591.2
INVERT INTO SEPTIC TANK	590.1
INVERT OUT OF SEPTIC TANK	589.8
INVERT INTO DIST. BOX	588.10
INVERT INTO TRENCH 1	
TRENCH 2	
TRENCH 3	
EXIST GRADE @ TRENCH 1	(593)
TRENCH 2	
TRENCH 3	
EXIST GRAVE @ WELL	(591)

Note * Length the Trenches Will be determined at Time of Septic permit Issue.



PROPOSED SITE & GRADING PLAN
LOT 3 13880

* FORSYTHE ROAD
HOWARD COUNTY, MARYLAND

SCALE: 1"=50'
JUNE 15, 1995

HOFFMAN and HOFFMAN
SURVEYORS • LAND PLANNERS
5502 STONINGTON AVENUE • BALTIMORE, MARYLAND 21207

Approved Septic System Plan
Howard County Health Department

Amy M. Mulla 7-12-95
Signature Date

Septic system installed prior to Building Permit



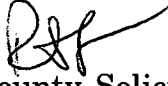
Howard County

Internal Memorandum

Subject: Sagel property

February 25, 1997

TO: Bert Nixon
Bureau of Environmental Health

FROM: Rebecca A. Laws 
Senior Assistant County Solicitor

Gerald and Kathleen Sagel, 13855 Forsythe Road, Sykesville, Md, have brought suit against the County and against their neighbors claiming that both have contributed to water drainage problems the Sagels are experiencing. In their complaint, they allege that on at least two occasions, the well on their property has become contaminated and undrinkable.

Can you please check your files to see whether you have any record of well testing or reports of well contamination at this location. Please contact me if you need additional information.

RAL
T:\DATA\SHARED\RAL\SAGEL\NIXON.MEM

KYNE PROPERTY A 41845
LOT 3 P 50760

3/3/97

After reviewing file, contacted Rebecca Laws to discuss her MEMO.

Explained the ICOP / FCOP process & how this was delayed because of 2 instances where coliform bacteria was detected. Referenced Craig's comments and that nothing in file seems to imply drainage problems (particularly as they apply to well).

Rebecca said that there was a hearing scheduled for 15th, & file may or may not be needed.
RLS




HOWARD COUNTY HEALTH DEPARTMENT

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

March 17, 1997

To: Rebecca Laws
Office of Law

From: Bert Nixon 
Frank Skinner
Bureau of Environmental Health


RE: Clarification of Information From Internal Memo

First off our file record does not include any reference suggesting contamination problems that they had experienced will impact (to the extent referenced in your memo) neighboring wells.

The likelihood that contaminated water from run-off on these two lots could seep into the well, along the casing, thereby causing groundwater contamination (in this case coliform bacteria), for many properties in this area is virtually impossible.

Wells are grouted and cased as a primary means of preventing this type of contamination from occurring. As we discussed, there could be rare cases where a defect to the casing or grouting, or a break in the well line, may allow a more direct channel for surface water to enter the groundwater and bring with it, surface contaminants. However, for contamination entering into a well to impact other area wells, there would have to be a direct connection between the supplies. Geologic formations in Howard County are such that water supplying any given well is through an unconfined aquifer. Given normal distance separations between wells and the unconfined nature of area water bearing rock, expecting multiple wells to be impacted is highly unlikely. Finally, given the fact that the last 2 sample results that we have are good there's no reason to presume this possibility as anything more than hypothetical.

BN/FS/vf

ATTNY
REPORTS
CASE SETTLED
3/19/97 

*THANKS
BERT FYI*

PERMIT

Need House Connection 7/15/15

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50760

A 41845

DISTRICT _____

DATE 7/3/95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

INDEXED

DATE SYSTEM APPROVED 11/29/95

INSPECTOR DKS ↑

(per Steve Thompson Wilder)

IS PERMITTED TO INSTALL ALTER

Farm and Home Excavating, Inc.

ADDRESS 901 Driver Rd. Marriottsville, MD 21104

PHONE 442-2139

SUBDIVISION Kyne Property

LOT 3

ROAD 13880 Forsythe Road 13855

PROPERTY OWNER Mr. and Mrs. Gerald Sagel

3817 McDonough Road

ADDRESS Randallstown, MD 21133

SEPTIC TANK CAPA _____

NUMBER OF BEDRC _____

210 SQUA

LINEAR FEET OF TR _____

TRENCHES - _____

LOCATION - _____

NOTES - bc
Nc
ca

*CRAIA
Rebecca Laws
Not needed as a
witness x 2104
The case has settled
see over*

Final grade. Bottom maximum
begins at 5 feet below
a pipe.

0.28' lot lines, place the
45' off this same lot line
in trenches on contour in

8" diameter cleanout and
KS

DATE 3/1/95

PLANS APPROVED BY D

COVER NO WORK UNTIL INS

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.

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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**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

3/21/87

TTC to Rebecca Laws @ settlement reached
in Sagel case

Rebecca successfully argued that the County
should be removed from case - Judge
ruled in her favor.

Lawyers for Sagels & Albery then left to
work out settlement (there was no longer a
viable angle for an injunction).

What apparently was agreed to
Sagels to pay for new/larger culvert
& installation

Sagels to put up a bond to protect against
prolonged or permanent damage to driveway

Sagels to have maintenance company to
access Albery property if needed

According to Rebecca, there had been similar negotiations
by 2 parties \approx 6 months ago which fell through
when Sagels refused to put up bond

So outcome now essentially the same as initially proposed