

approved 4/28/87
5 stayed

4/27/87
2:15-2:30 PM
4/28/87
2:15

PERMIT

P 38083
A 32476

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
X992X2330
461-9933

INDEXED

DISTRICT 5th

05-396271

DATE 11/21/86

Paul Schissler IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland PHONE 875-4197

SUBDIVISION Lime Kiln Valley ROAD 12762 Lime Kiln Road LOT 7

PROPERTY OWNER ~~James W. Springer~~ Charles Dawling
ADDRESS 301-774-8388

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2250 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 193 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 2.5 feet below original grade. 6.5 feet of stone below distribution pipe.

LOCATION - Start trench between perchole #3 and #4 approximately 255 feet from right lot line (624.63') and 135 feet from front lot line (434.94') as seen when facing lot from Lime Kiln Road. Run trench on level ground toward front lot line as seen when facing lot from Lime Kiln Road.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED AND RETURNED 11/21/86
Serial # 57442
Interior Allowance

PLANS APPROVED BY S. Abel DATE 9/17/86

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE 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.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32476

SUBDIVISION: LIME KILN VALLEY

LOT NUMBER: #7

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	_____ sq. ft./bedroom	Minimum Total square Feet
3 bedroom	1000 gallon		_____
4 bedroom	1250 gallon		_____
5 bedroom	1500 gallon		_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

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

TRENCHES WITH GARBAGE DISP. 193 \$/BR

158 sq. ft./bedroom

Trench to be 2 wide.

Inlet 2.5 feet below original grade.

Bottom maximum depth 9.5 feet below original grade.

Effective area begins at 2.5 feet below original grade.

4.5 feet of stone below distribution pipe.

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

LOCATION: START TRENCH BETWEEN PERC HOLE #3 AND #4
(24.68' LINE)
APPROXIMATELY 255 FEET FROM RIGHT LOT LINE AND 135
(434.94' LINE)
FEET FROM FRONT LOT LINE AS SEEN WHEN FACING LOT
FROM LIME KILN Rd. RUN TRENCH ON LEVEL GROUND TOWARD
FRONT LOT LINE AS SEEN WHEN FACING LOT FROM LIME KILN
Rd. SA

APPLICATION

A 32476

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND : DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE February 7, 1983

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 Grace A. E. Eisenhardt c/o Tracy, Schulte & Associates, Inc.

ADDRESS 8450 Baltimore National Pike, Suite 34 PHONE (301) 465-6105
Ellicott City, Md. 21043

PROPERTY LOCATION:

SUBDIVISION Child's Lime Kiln Valley LOT NO. 7

ROAD AND DESCRIPTION Brown Bridge Road at Lime Kiln

SIZE OF LOT 3.417 Acres TYPE BLDG. N/A
2.331 (NUMBER OF BEDROOMS)

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.

James K. Tracy
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/11/83 PERC OK RH

THIS IS NOT A PERMIT

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	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH 12 1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32476
P _____

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ENVIRONMENTAL HEALTH SERVICES
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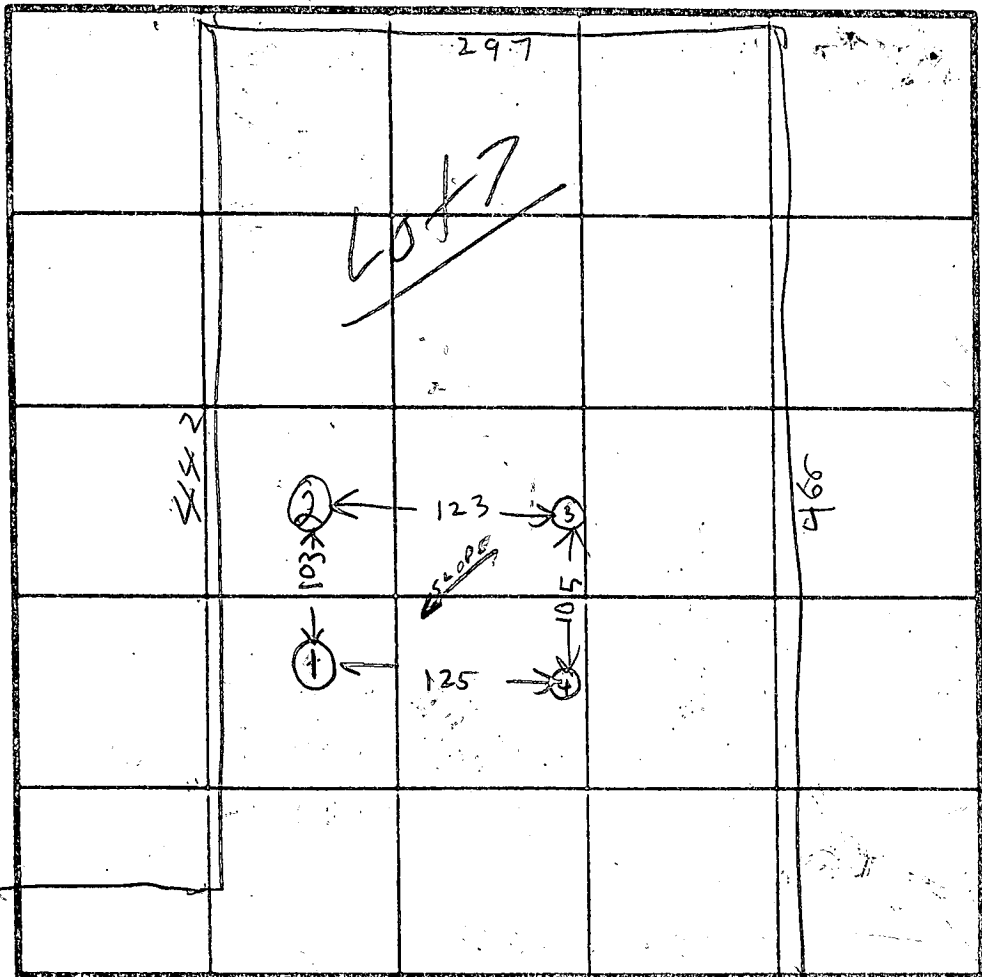
APPROVED BY F. Shum FOR Tracy DATE 11/21/82

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



SOIL PROFILE

1
BROWN CLAY

3
BROWN & REDDISH SANDY LOAM

2
CLAY

13
PINK & TAN SANDY LOAM

HOLE ELEV

- ① LOWEST
- ③ HIGHEST
- ④ LOW
- ② HIGH

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2
CLAY

BROWN SANDY LOAM & ROLES

3
CLAY

BROWN & GRAY SANDY LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/11/83	1S	4	1122	1125	1125	1131	6
	1D	9 1/2	1123	1127	1127	1131	5
3/11/83	1V	14	LOOKS	OK			
	2S	3 1/2	1143	1146	1146	1149	3
	2D	9	1144	1146	1146	1150	4
	2V	13	LOOKS	OK			
	3S	3	1153	1154	1154	1157	3
	3D	8	1154	1155	1155	1157	2
	3V	12 1/2	LOOKS	OK			
	4S	5	1205	1209	1209	1219	10
	4D	9	1206	1209	1209	1219	10
	4V	13	LOOKS	OK			
							2.2

2 1/2' ~~min~~

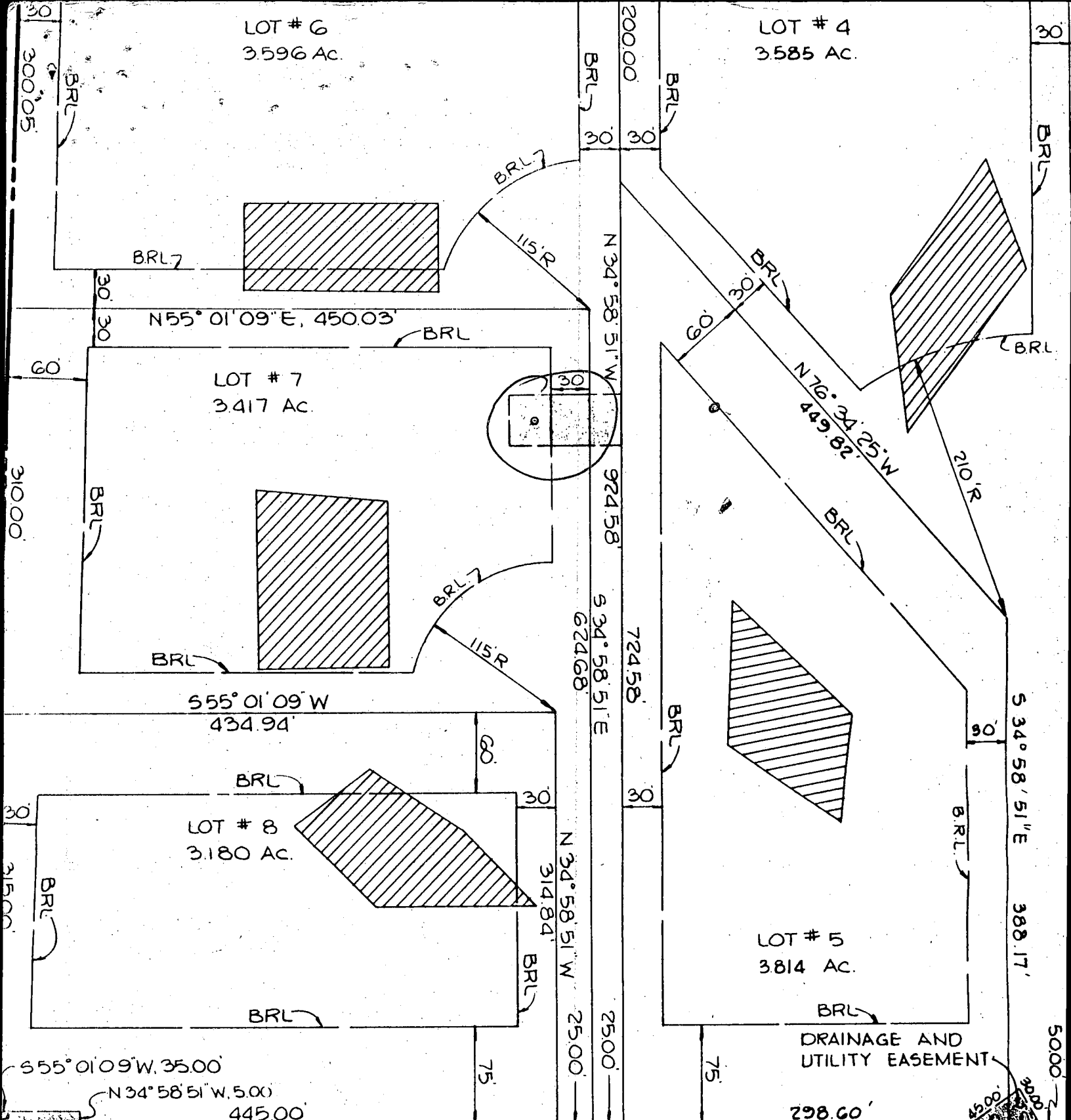
5 MIN

X = 6 min

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. HODGES ALSO PRESENT PAUL & KENNY SCHISLER



(21)

LIME

KILN

ROAD

N55° 01' 09" E 843.60'
 S55° 01' 09" W 845.20'

S 34° 58' 51" E, 50.00'

SEE SHEET 2 OF 3

SUBMISSION	TOTAL
RECORDED	14
(IRU 14)	60.720 Ac.
BE RECORDED STRIPS	2.672 Ac.
	63.392 Ac.

812.000 E
 481.300 N

The Builder's Guild, Inc.

8950 Route 108 • Suite 114 • Gorman Plaza • Columbia, Maryland 21045
(301) 995-4067

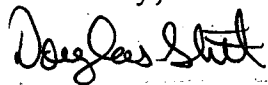
October 24, 1986

Mr. Fred Frommelt
Bureau of Environmental Health
Howard County Department of Public Works
3430 Court House Drive
Ellicott City, Maryland 21043

Dear Mr. Frommelt,

As per our conversation of Thursday, October 23, 1986, I have revised the septic system for lot 7 Lime Kiln Valley as follows. I have raised the drainage field to the top (nearest the house) of the perc. area. The elevation of the first trench will be about 422 and the elevation of the ground trench will be about 420. Please see the revisions on the copy of the site plan I have included as well as the proposal system from my contractor. Please note that I have raised the house one foot to accommodate the changes. If you need any further information give me a call.

Sincerely,



Douglas Stitt
General Manager

B.P. # 72906

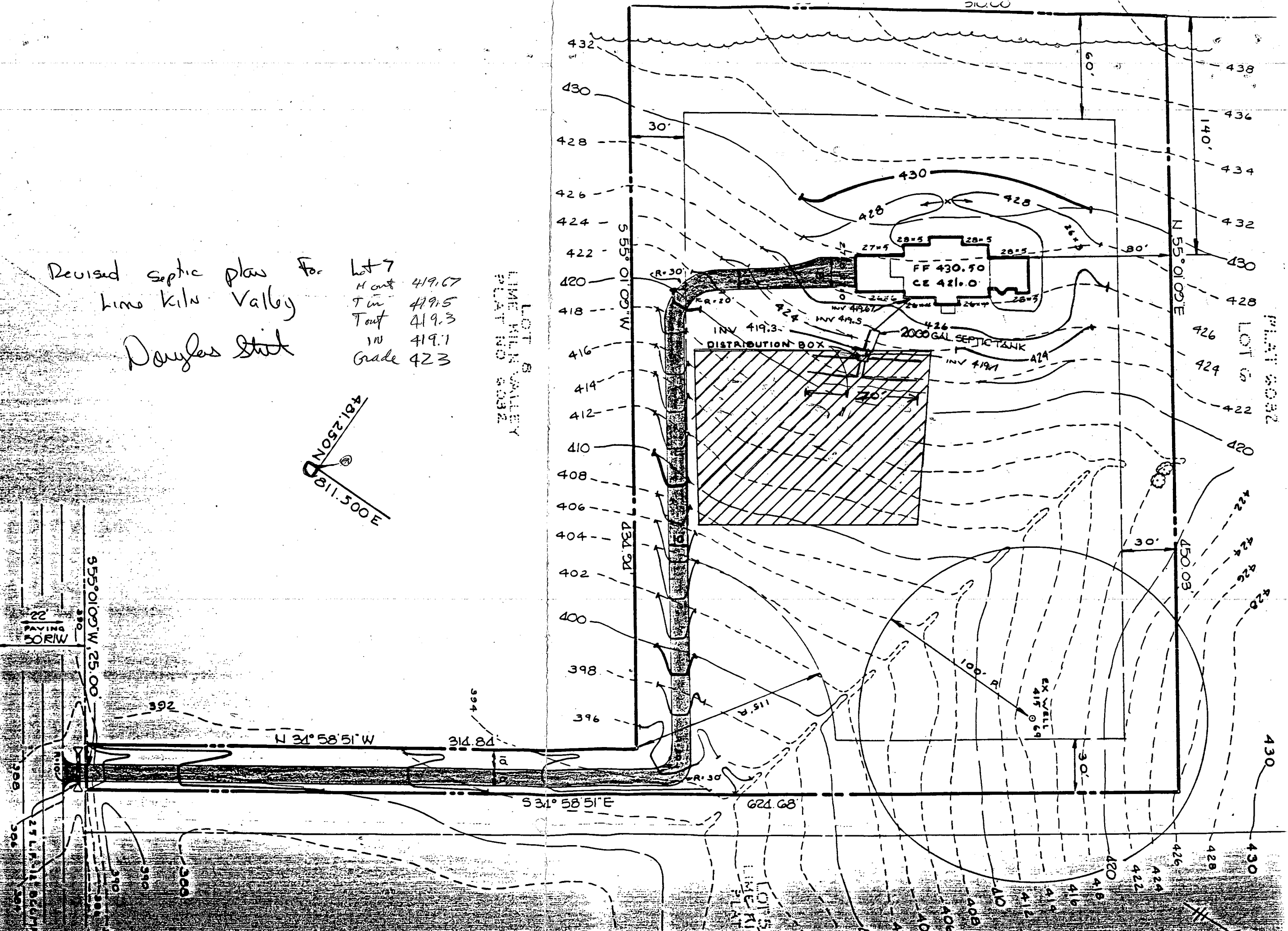
Revised Septic plan for
lime kiln Valley
Douglas Street

Lot 7
H out 419.67
T in 419.5
T out 419.3
IN 419.1
Grade 423

LOT 8
LIME KILN VALLEY
PLAT NO. 5032

N 81.250° W
811.500 E

LIME KILN ROAD



B 1 0452

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-21-122

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

please print or type

fill in this form completely

Date Received

8 13

OWNER INFORMATION

15 Last Name 21 Owner First Name 34

36 Street or RFD 55

57 Town 70 State 72 Zip 76

B 3 2007 10

LOCATION OF WELL R370 9F

8 COUNTY 21

23 SUBDIVISION 42

SECTION 44 46 LOT 48 50

52 NEAREST TOWN 71

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

DRILLER INFORMATION

Driller's Name 77 License No. 80

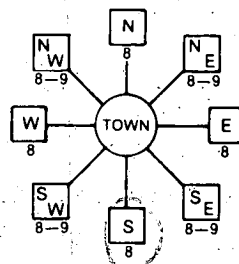
Firm Name

Address

Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 DISTANCE FROM ROAD 37

ENTER FT or MI 38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S 41

DATE ISSUED 43 CO SIGNATURE 48 EXP. DATE

NORTH GRID 50 EAST GRID 55 57 63

APPROXIMATE DEPTH OF WELL 24 28 FEET

APPROXIMATE DIAMETER OF WELL NEAREST INCH

METHOD OF DRILLING (circle one)

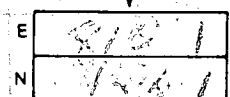
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROtary Drive-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

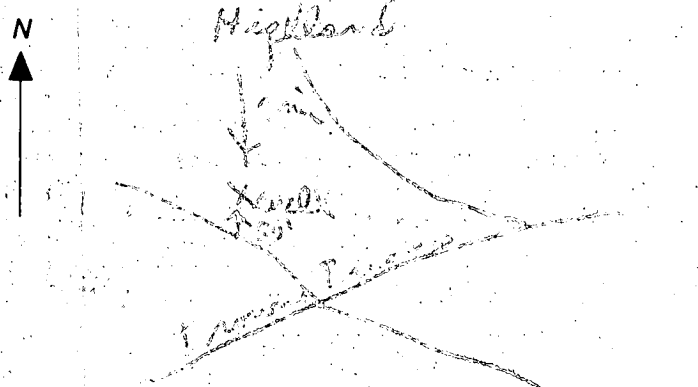
SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER 54 G A P 63

FORCE 67 68 WRITE INITIALS IN BOX PERMIT No. 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

6/24/86

Location well site #3
used no clear lot lines
visible (but 1 apparent corner
stake located)

41' casing (1' above ground)

36' open hole

jetted 32'

H₂O sample taken (49771)

10 bags cement

* 2 dry holes to be filled in

RECEIVED
SHERIFF'S DEPT.
LINCOLN COUNTY
JUN 27 7 41 PM '86

9:10 AM - 3 hrs

Page of
Date June 24, 1986

Review _____

42486
S.P. OK
(62)

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - PL-1523
Location of property (road) Limekiln Road
Subdivision Limekiln Valley Estates Lot 5 Block _____ Plat _____ Sec. _____
Well Driller Austin Garver Owner Ray William Carson

LOT 7

Depth of well 340 ft
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 39

I. High rate pumping -- reservoir drawdown

Time pump started 9:30 am Pumping rate 10 gpm
Total time 15 min to reach pumping water level 73 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <u>51</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
<u>11:00</u>	<u>73</u>	<u>7+ sec</u>		<u>8+ gpm</u>
<u>11:15</u>	<u>73</u>	<u>7+</u>		<u>8+ gpm</u>
<u>11:30</u>	<u>73</u>	<u>7+</u>		<u>8+ gpm</u>
<u>11:45</u>	<u>73</u>	<u>7+</u>		<u>8+ gpm</u>
<p>THIS WELL WAS MISTAKENLY DRILLED ON LOT 7 AFTER A REVIEW BY MYSELF AND DAVE KEAR, REGIONAL SANITARIAN, IT WAS DETERMINED THAT THIS WELL COULD BE APPROVED FOR LOT 7 PROVIDED THAT THE PERC AREA ON LOT 6 WAS SHIFTED TO GET THAT AREA OUT OF THE "LINE-OF-FLOW" TO THE WELL.</p> <p>THIS ADJUSTMENT IN THE PERC AREA WOULD HAVE TO BE MADE REGARDLESS OF THE WELL ISSUE BECAUSE THE EXISTING PERC AREA ON LOT 6 CROSSES A SWALE AND REQUIRES ADJUSTMENT ON THAT BASIS ALONE.</p> <p style="text-align: right;"><u>7/25/86 C. Williams</u></p> <p style="text-align: center;"><u>H₂O sample taken 11:15 am (119771)</u></p>				

Clayton - dropped this at office
The Builder's Guild, Inc. 9/16/86

8950 Route 108 • Suite 114 • Gorman Plaza • Columbia, Maryland 21045
(301) 995-4067

September 9, 1986

Keyser-Garver Well Drilling, Inc.
9125B Bethel Road
Frederick, Maryland 21701-2099

Re: Well drilled on Lot 7, Lime Kiln Valley

Dear Sir,

Let me first assure you that The Builder's Guild intends to reimburse you for the well mistakenly drilled on our land. However, our intention is to pay in our normal course of construction. We would have had the well drilled at the beginning of this month, and then expected a normal fifteen to thirty day period for billing and payment. Therefore, we would have expected to pay for the well by the first week of October. That is when you may expect payment from us.

Our payment is contingent upon receiving permission by Howard County Health Department to use the well. If there is anything that needs to be done by your office to speed this process, i.e. filing completion reports with the County, I suggest that you do so as soon as possible.

One other point that must be considered is the distance the well that you have drilled is from the structure we intend to build. If we had ordered a well drilled, we would have had it placed approximately forty to fifty feet from the house. The well as you have drilled it is approximately 240 feet from the house. Therefore, we will incur an additional cost to have the well connected over this extra 190 to 200 feet. At the going rate of \$4.00/foot, that will cost us about \$800.00. We are unwilling to incur this additional cost so we intend to subtract it from your cost of drilling. We suggest that you look to the owner's of the lot who ordered the well drilled to gain reimbursement of this sum.

Please send us substantiating records of the depth of the well and the yield of the well as soon as possible.

Included with this letter you will find the invoice that you sent to us. We are returning it to you because we did not order the well drilled and are not therefore legally responsible for the payment. We will pay for the well, but based on your reasonable cost and not the invoice. By paying based upon the invoice we would be accepting legal responsibility for the well drilling, something we are unwilling to do.

We hope to here from you very soon and anticipate a quick resolution to this situation.

Sincerely,
Douglas Stitt
General Manager
Douglas Stitt

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

32476

New Installation
Replacement

Receipt # 39117
Date 4/13/87

Name of Installer CLARKE P+H Inc

Telephone 489-4029

License number 3808
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Builders Guild Inc Telephone 995-4062
Subdivision Lime Kiln Valle Lot # 7 Well tag # - - -
Site Address 12762 Lime Kiln Road

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u> </u>	1. Make <u> </u>
a. Deep well jet <u> </u>	2. RPM <u> </u>	2. Model # <u> </u>
b. Shallow well jet <u> </u>	3. Voltage <u> </u>	3. Depth <u> </u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 <u> </u>	
2. Make <u> </u>	b. 220 <u> </u>	
3. Model # <u> </u>		
4. Capacity <u> </u> GPM		
5. Pump exceeds well capacity Yes <u> </u> No <u> </u>		
6. If Yes, is low pressure cutoff switch installed? Yes <u> </u> No <u> </u>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <u> </u> Cable guards <input checked="" type="checkbox"/> Other <u> </u>		

Tank	Piping	Well data
1. Capacity <u> </u>	1. Type <u>Plastic</u>	1. Depth <u> </u> ft.
2. Pressure relief valve? <u>75/65</u>	2. Size <u>1"</u>	2. Yield <u> </u> GPM
	3. NSF and/or BOCA Code approved <u> </u>	3. Static water level <u> </u> ft.
	4. Depth of supply line <u>42"</u>	4. Will water supply be disinfected by installer? <u>NO</u>

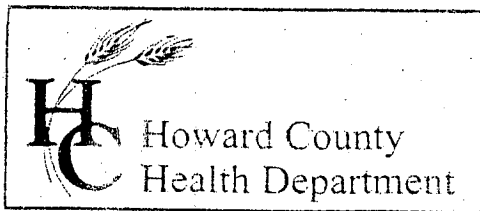
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Kenneth C. Clarke

Date: 3-31-87

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



3525 H Ellicott Mills Drive, Ellicott City, MD 21043

(410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300


website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

January 12, 2004

MEMORANDUM

TO: Denise Swatzbaugh
Groundwater Permits Program

FROM: Mark Rifkin 
Well and Septic Program

RE: Replacement well tags

Please supply replacement well tags for the following permit numbers. The original tags were lost or damaged subsequent to lawn/landscaping equipment use in the field.

HO-81-1523, Lime Kiln Valley Lot 7

HO-81-1062, Lime Kiln Valley Lot 39 (previously Lot 4)

Thanks very much for your attention to this matter.

MR

cc: File

432976