

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46803

A 35426

DISTRICT 5th

DATE 2/8/91

DATE SYSTEM APPROVED 2/25/91

INSPECTOR M. Rifkin

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

05-398894

Hy & Lowe

IS PERMITTED TO INSTALL  ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Maryland 20760 PHONE 926-5924

SUBDIVISION Lime Kiln Valley LOT 23; SEC: 2 ROAD 7670 Green Dell Lane

PROPERTY OWNER Mr. Steve Summerlin

ADDRESS \_\_\_\_\_

**BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

250 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 333

**AND RETURNED**  
9/28/03 B00144235-IG POOL  
3/24/04 B00147060-DECK

TRENCHES - 250 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersect of the 230.0 R.O.W. line and 402.73 feet line. Place the first trench 310 feet up the 402.73' lot line and 120 feet off the same lot line (430' contour line). Run trenches on contour toward the 402.73 line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/4/91 RH

PLANS APPROVED BY Sid Abel cm DATE 08/10/88

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**

HD-260(6-90)

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

~~OLD PERMIT SIGNED~~  
~~AND RETURNED 10/2/01~~  
B00132583  
3- CAR GARAGE

A 35426

2/25/91  
Anytime



# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: \_\_\_\_\_

SUBDIVISION LIME RUN LOT NO. 23

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG \_\_\_\_\_  
(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 \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

# THIS IS NOT A PERMIT

↑ WOODS ↑

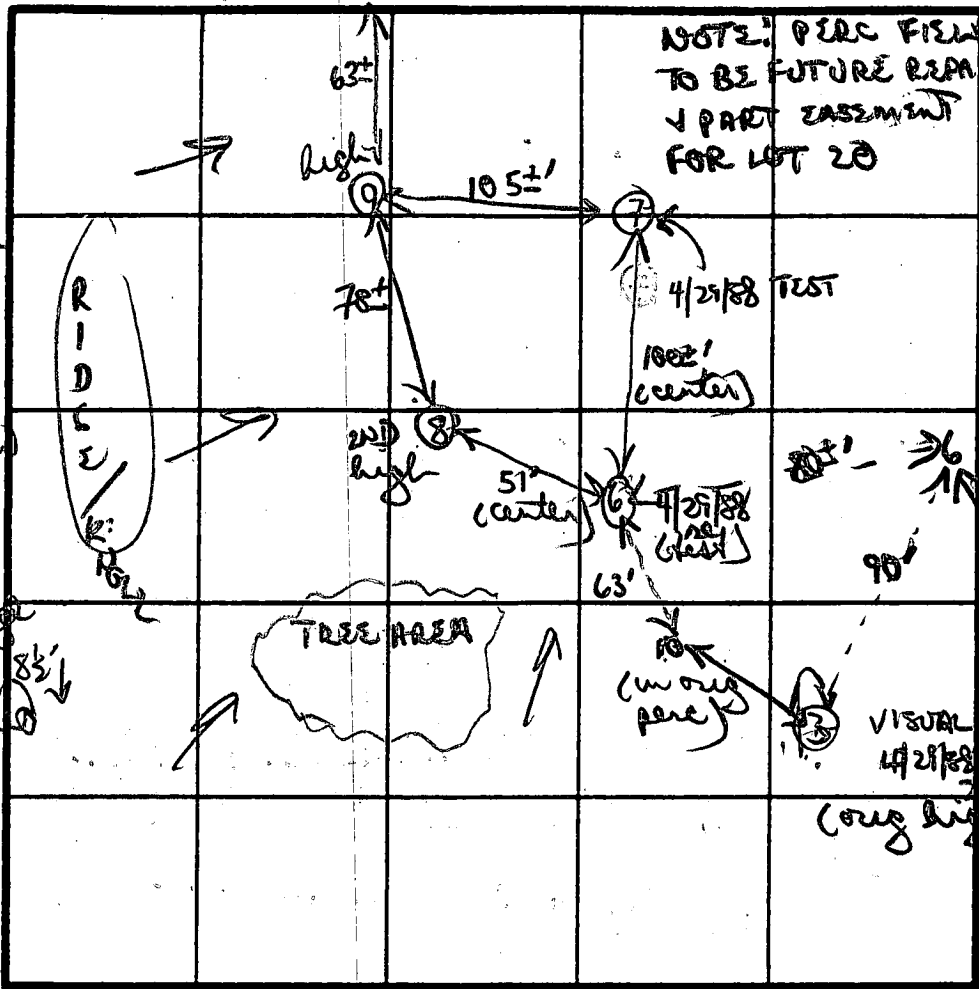
8  
SOIL PROFILE

yellow/brown w/ patchy purple clay  
 heavy 3 1/2'  
 patchy yellow purple clay loam 6'  
 to mostly orange purple silty loam w/ scattered clay patches

12 1/2

orange/purple clay 3 1/2-4' (heavy)  
 orange clay silt loam 6'

5-15% small patchy + layered weathered frags ↓ 6 1/2"  
 11" D hard bottom



chumpy/heavy red/patchy purple clay 4'  
 yellow/purple clay/clay loam 6 1/2'  
 LOT 20 (4/21/88 on prop line)

VISUAL 4/21/88  
 (orig high hole)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/16/88	8	4' 5"	1050	1140	BREAKING	1ST 126	50 MIN	
		8' M	1048	1117	1117	1144	27 MIN	
		12 1/2' D	bottom (see profile)					
	9	4' 5"	1054	1140	1" JUST BREAKING	46	1ST inch	
		7 1/2' M	1053	1108	1108	1133	25 MIN	
		11" D	bottom (see profile)					
	10	4' 5"	1103	1116	1116	1141	25 MIN	
		7 1/2' M	LOOK OK - DID NOT TEST					
		11' D	hard bottom					

REMARKS: could retesting in attempt to shift org perc area off slope to lower but more level ground  
 TYPE OF SOIL: orange/red purple clays heavy 3 1/2-4', clay loam 6±' generally silty clays below  
 TESTED BY: B Nylon ALSO PRESENT: Jerry S., Bill Miller

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35426

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5th

DATE April 3, 1985

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 Steve Summerlin 946-3135  
Grace A. E. Eisenhardt c/o Tracy, Schulte & Associates, Inc

ADDRESS 8450 Baltimore National Pike, Suite 34 PHONE 465-6105

PROPERTY LOCATION: Kerwin Millen Communities

SUBDIVISION Lime Kiln, Section 2 LOT NO. 24 2 3

ROAD AND DESCRIPTION 7670 Southwest of Green Dell Lane: West of Brown's Bridge Road

SIZE OF LOT 3.480 Ac TYPE BLDG. N/A  
(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.

APPROVED BY Ed Abel FOR Shallow test fields (SIGNATURE OF APPLICANT) DATE 8-24-88

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

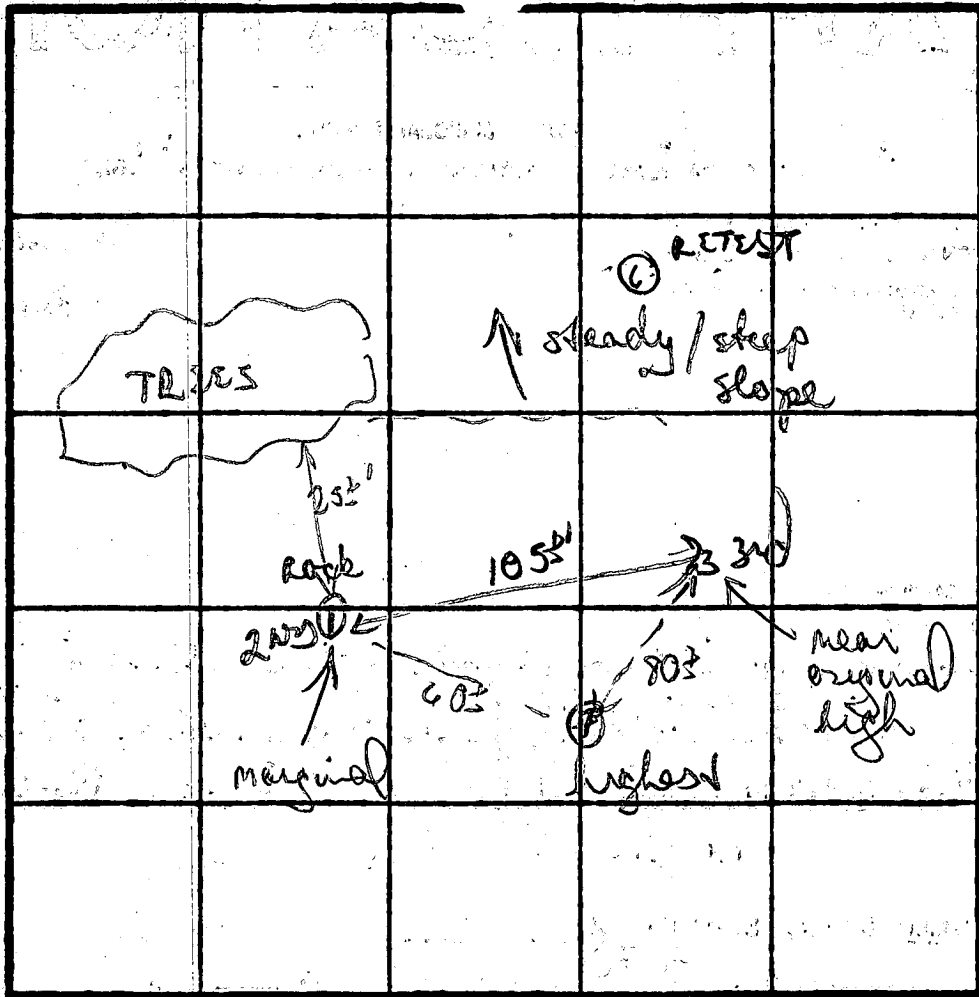
BLDG. PERMIT SIGNED AND RETURNED 12/1/88  
Amount \$3800  
SFD - 4 Bedroom

BLDG. PERMIT SIGNED AND RETURNED 8/24/88  
BY 20664  
Solue

# THIS IS NOT A PERMIT

SOIL PROFILE

CLAY SAND  
BROWN SAND LOAM & SAPROLITE



Brown / yellow clay (fairly heavy) 4 1/2 - 5'  
yellow clay silt loam 5-7'  
to mostly purple / orange powdery / gritty silty loam

HOLE ELEVATIONS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

- ③ = HIGHEST
- ④ = LOW
- ⑤ MEDIUM
- ⑥ LOWEST
- ⑥

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/14/83	65 66	4 11	357 LOOKS	403 OK	403	413	10
4/29/83	RETEST 6 (old low)	4 1/2 - 5' 13 1/2 D	1259	120	120	200	40 min
	#3	VISUAL ONLY	NEAR ORIG HIGH HERE				
	#1	12 D	OK soils 4-4 1/2' ↓				
	#1	3 1/2	247	248 1/2	248 1/2	255	63 min
	#7	8' ROCK (structured 6' ↓)					
	#7	9' ROCK (refused)	7 structured				

Brown purple clay / clay silty loam 4 1/2 D  
to mostly purple to purple orange gritty loam 18-15%  
ground frags ↓

BROWN CLAY & TOP SOIL  
BROWN & REDDISH SAND LOAM

REMARKS: Attempted to square up per field for layered improved septic design. Holes 1 & 7 marginal but 3 was good. shallow system only esp. 14/027 used

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: R. HODGES

ALSO PRESENT: BACKBROOK HATTIELD

EH-12-1079

# APPLICATION

SEWAGE DISPOSAL TESTING

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: 992-2330

A 35426

P \_\_\_\_\_

DISTRICT 5th

DATE April 3, 1985

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 465-6105

PROPERTY LOCATION:

SUBDIVISION Lime Kiln, Section 2 LOT NO 24

ROAD AND DESCRIPTION Southwest of Green Dell Lane; West of Brown's Bridge Road

SIZE OF LOT 3.480 Ac TYPE BLDG. N/A  
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

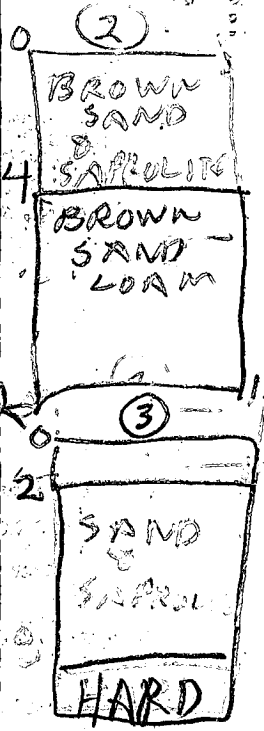
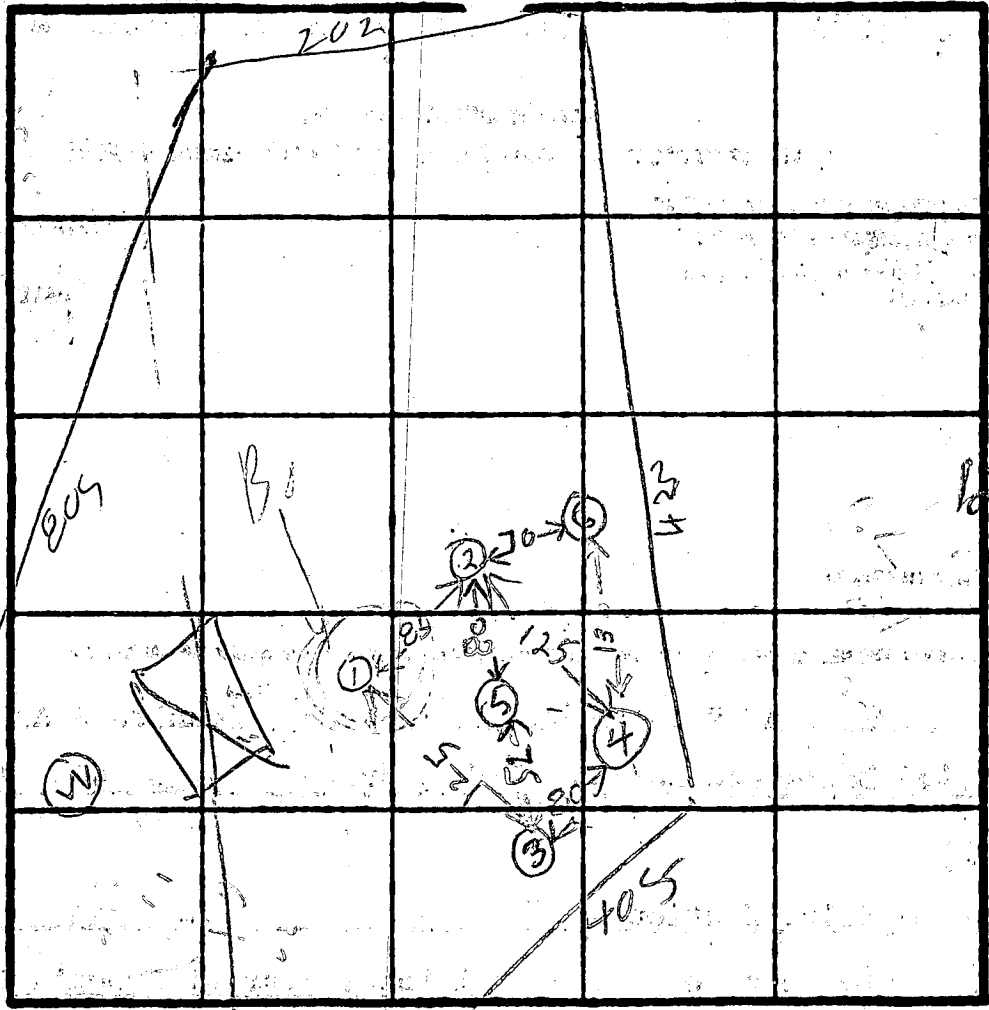
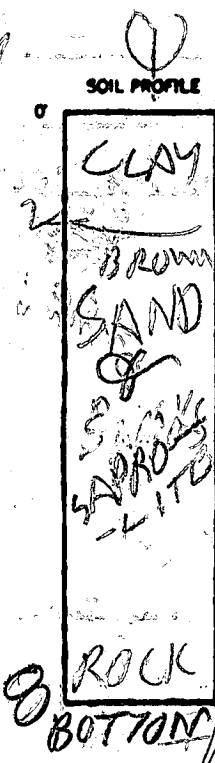
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

LOT 24

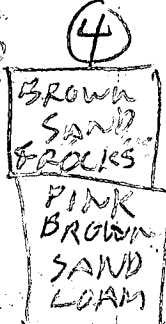
05



X = 4min  
INLET 2.5 SEC  
BOTTOM 4 FE

# SURVEYOR

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
				START	STOP	START	STOP	
A	5/15/85	1S	3	1129	1130	1130	1133	3
		1V	3 1/2			ROCK BOTTOM		
D		2S	3	1136	1st inch	16 sec	2nd inch	26 sec
		2S repon	3	1139	3rd inch	50 sec	4th inch	et sec
		2V	12	LOOKS OK		BELOW 4 FT		
B		3S	3 1/2	1150	1st inch	55	2nd inch	110 sec
		3S repon	3 1/2	1153	3rd inch	139 sec		
		3V	8	LOOKS OK				
C		4S	3	1200	1st inch	80	2nd inch	100 sec
		4S	13 1/2	1204	3rd inch	70	4th inch	100 sec
		4V	10 1/2	LOOKS OK		FC		
		1D	7	7230	1st inch	3 SEC	2nd inch	4 SEC
	5/15/85	2D	8	202	213	213	226	13
		5V	9 1/2	LOOKS OK		BUT SHALLOW		



REMARKS: HOLE (1)(2)(3)(4) DUG PER SURVEYOR PLAT

HOLE (5)(6)

TYPE OF SOIL

TESTED BY R. HODGES

BACK HOLE K. HATFIELD ALSO PRESENT

EH-12-1079



B 1 **6453**

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

**40-81-2682**

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

please print or type

fill in this form completely

Date Received (APA)

**041188**

OWNER INFORMATION

**KERWIN MILLER COMM**

**4229 CHERRY VALLEY**

**OLNEY MD 20872**

B 3

LOCATION OF WELL

**HOWARD**

**LIME KILN VALLEY**

SECTION **2** LOT **23**

**HIGHLAND**

MILES FROM TOWN (enter 0 if in town) **4** MI

DRILLER INFORMATION

George F. Easterday

**40**

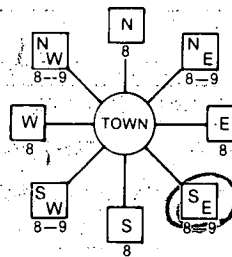
L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

Signature: *George F. Easterday* Date: **3/28/88**

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**GREEN DELL LANE**

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD **1600** ENTER FT or MI **FT**

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

**HOWARD**

COUNTY NAME

**(A 35427)**

COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S

DATE ISSUED

**042188** *B. Nijon* **10/21/88**

NORTH GRID **483000**

EAST GRID **0812000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
- JETTED
- Jetted & DRIVEN
- AIR-ROTARY
- AIR-PERCussion
- ROTARY (Hydraulic Rotary)
- CABLE
- REVerse-ROTary
- Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

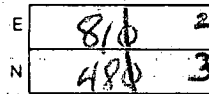
- THIS WELL WILL NOT REPLACE AN EXISTING WELL
  - THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
  - THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
  - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

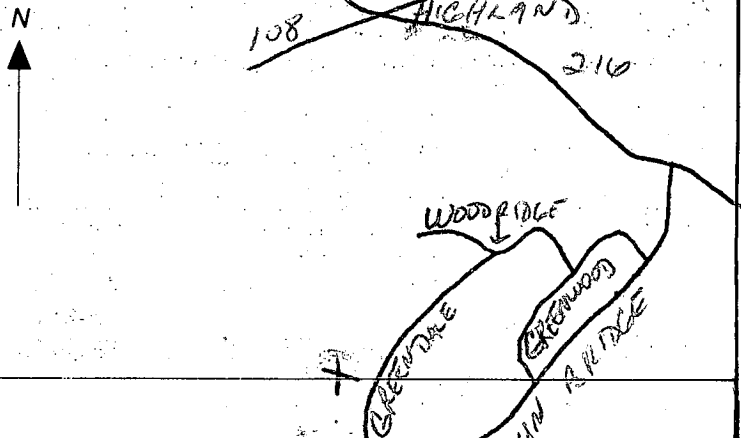
- 1. WELL
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



*5-4-88*  
*21' open hole*  
*NO FISP FOR GROUT*  
*JAN*  
*5/10/88*  
*well has*  
*already*  
*been grouted*

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 \_\_\_\_\_ GAP \_\_\_\_\_

FORCE  WRITE INITIALS IN BOX PERMIT No. **40-81-2682**

SPECIAL CONDITIONS



7764

SEQUENCE NO. (OEP 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A 35427

DATE RECEIVED

DATE WELL COMPLETED 050488

DEPTH OF WELL 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2682

OWNER MILLER COMM. KERWIN
STREET OR RFD GREEN DELL LANE TOWN HIGHLAND
SUBDIVISION LIME KILN VALLEY SECTION 2 LOT 23

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top Soil, Red Clay, Br. Mica, Tan Mica, Green Mica, Blue Mica, and Gray Mica.

GROUTING RECORD
WELL HAS BEEN GROUTED (Y)
TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 6 NO. OF POUNDS 600
GALLONS OF WATER 30
DEPTH OF GROUT SEAL (to nearest foot) from 0 to 21 ft.

CASING RECORD
MAIN CASING TYPE ST (STEEL)
Nominal diameter top (main) casing 4 inch
Total depth of main casing 350 nearest foot

OTHER CASING (if used)
diameter inch depth (feet) from to

SCREEN RECORD
screen type or open hole HO (OPEN HOLE)
insert appropriate code below

SCREEN RECORD table with columns for depth (nearest ft.) and screen type (H, O, S, etc.). Includes slot size and diameter of screen information.

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

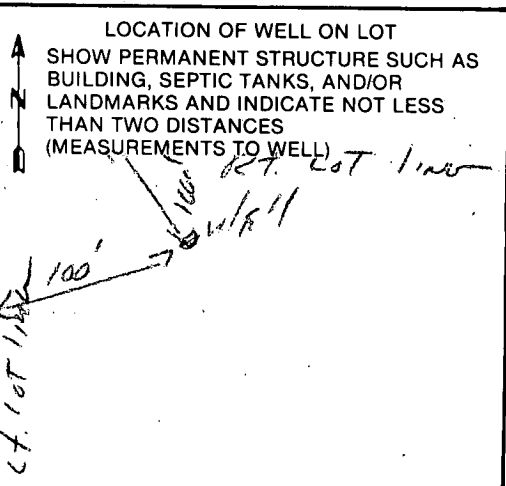
DRILLERS IDENT. NO. 40
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.)
WQ
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.) 11
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 46 WHEN PUMPING 210
TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES (NO)
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height) 4 above LAND SURFACE 3 (nearest foot)



*Tuesday*  
 5-10-88 8:00

Review 8-18-88 JEN

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2682  
 Location of property (road) GREEN DELL LANE  
 Subdivision LIME KILN VALLEY Lot 23 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 2  
 Well Driller GEORGE EASTERDAY Owner MILLER COMM, RIRWIN

Depth of well 400 1 + Gpm  
 Distance of measuring point (M.P.) above ground 1 ft  
 Static water level (S.W.L.) below M.P. 46 ft

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 gpm  
 Total time 45 min to reach pumping water level 216 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 $\times$ 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:45	216'	52 Sec.	1/4	1.1 gpm
10:00	214'	52	pump at 370'	1.1
10:15	211'	40	R. Hancu	1.5
10:30	211'	40	210	1.5
10:45	209'	40	-46	1.5
11:00	210'	40	164 ft	1.5
11:15	210'	40	$\times 1.5$ gal/ft	1.5
11:30	211'	40	870	1.5
11:45	211'	40	164	1.5
12:00	211'	40	246.0 gal/ft <sup>2</sup>	1.5
12:15	211'	40	180 + 246	1.5
12:30	211'	40	60 min 426 gal	1.5
12:45	211'	40	11.5 gal/min 300	1.5
1:00	210'	40	60 426 gal	1.5
1:15	211'	46	70.0 + 240 gal	1.5
1:30	211'	46	180 gal/min 66.6 gal	1.5
1:45	211'	40		1.5
2:00	212'	46	370	1.5
2:15	211'	40	216	1.5
2:30	211'	40	160	1.5
2:45	211'	40	11.5	1.5
3:00	211'	40	800	1.5
3:15	210'	40	120.0 gal left between pump depth and draw down	1.5
3:30	210'	40	8-18-88	1.5
			426 gal storage. Assume	1.5
			75 gal between drawdown and pump depth	1.5

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement \_\_\_\_\_  
Receipt # 42301  
Date 8/1/88  
Name of Installer  RA KELLY Telephone 924 2801  
License Number 10757 MD.  
Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber   
Name of Property Owner KERWIN MILLER COMMUNITIES Telephone 924 5944  
Subdivision LIME KILN VALLEY Lot # 23 Well Tag # \_\_\_\_\_  
Site Address  7670 GREEN DELL LA, HIGHLAND MD 20777

Pump Motor Pitless Adapter  
1. Type 1. Horsepower \_\_\_\_\_ 1. Make \_\_\_\_\_  
a. Deep well jet \_\_\_\_\_ 2. RPM \_\_\_\_\_ 2. Model # \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_ 3. Voltage \_\_\_\_\_ 3. Depth \_\_\_\_\_  
c. Submersible \_\_\_\_\_ a. 110 \_\_\_\_\_  
2. Make \_\_\_\_\_ b. 220 \_\_\_\_\_  
3. Model # \_\_\_\_\_  
4. Capacity \_\_\_\_\_ 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 Piping Well data  
1. Capacity \_\_\_\_\_ 1. Type \_\_\_\_\_ 1. Depth 400 ft.  
2. Pressure relief valve? \_\_\_\_\_ 2. Size \_\_\_\_\_ 2. Yield 1 GPM  
3. NSF and/or BOCA Code approved \_\_\_\_\_ 3. Static water level 46 ft.  
4. Depth of supply line \_\_\_\_\_ 4. Will water supply be disinfected by installer? \_\_\_\_\_

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.

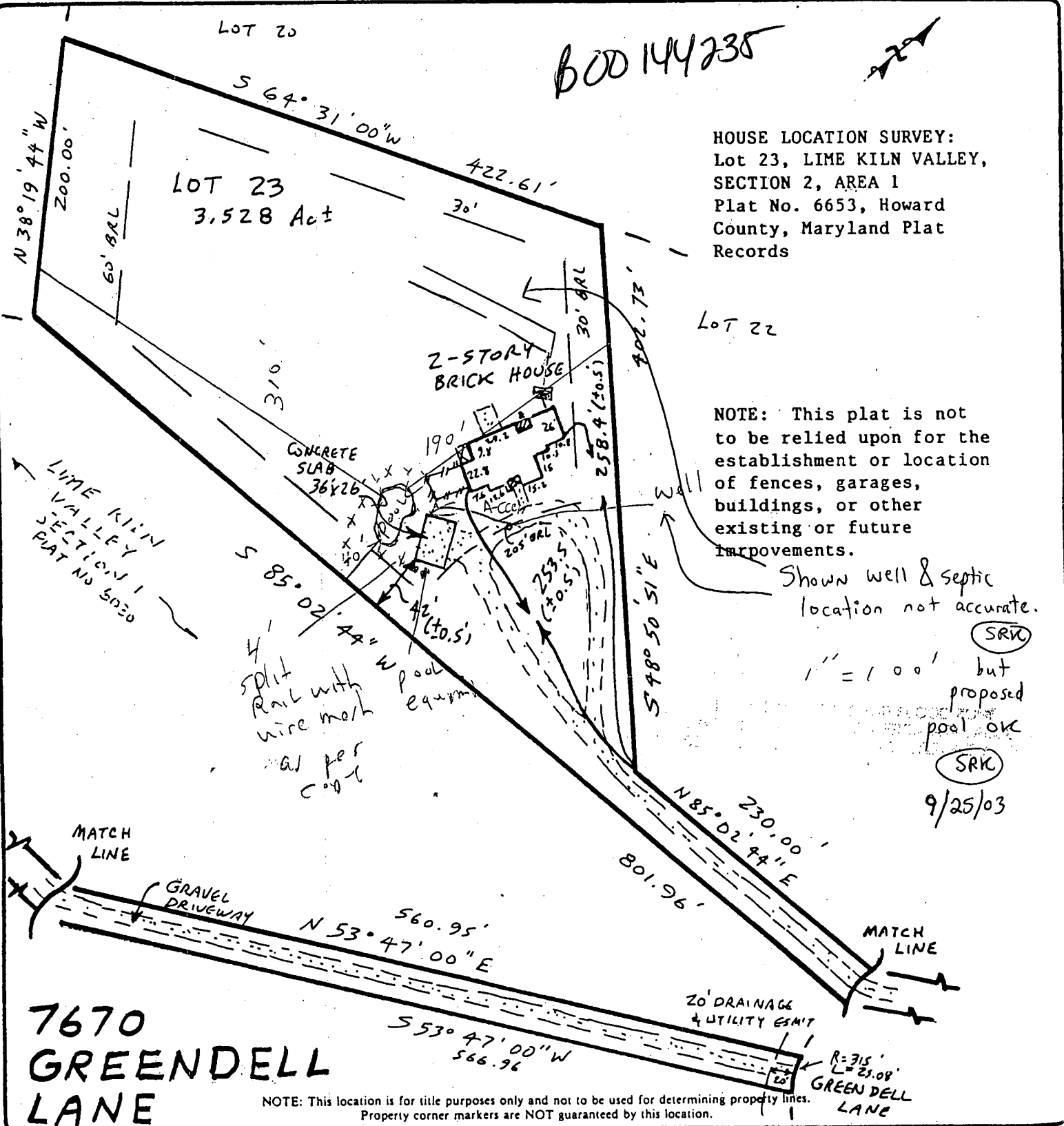
Signature of Applicant: Dary O'Leary  
Date: 8-3-88

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

SELLER: STEVEN A. SUMMERLIN and wife, MARY S. SUMMERLIN

LEGAL DESCRIPTION:

Lot 23, LIME KILN VALLEY, SECTION 2, AREA 1 as recorded in Plat No. 6653, one of the Howard County, Maryland, also locally known as 7670 Greendell Lane, Highland, Maryland.



B00144235

HOUSE LOCATION SURVEY:  
Lot 23, LIME KILN VALLEY,  
SECTION 2, AREA 1  
Plat No. 6653, Howard  
County, Maryland Plat  
Records

NOTE: This plat is not  
to be relied upon for the  
establishment or location  
of fences, garages,  
buildings, or other  
existing or future  
improvements.

Shown well & septic  
location not accurate.

SRK

1" = 100' but  
proposed  
pool OK

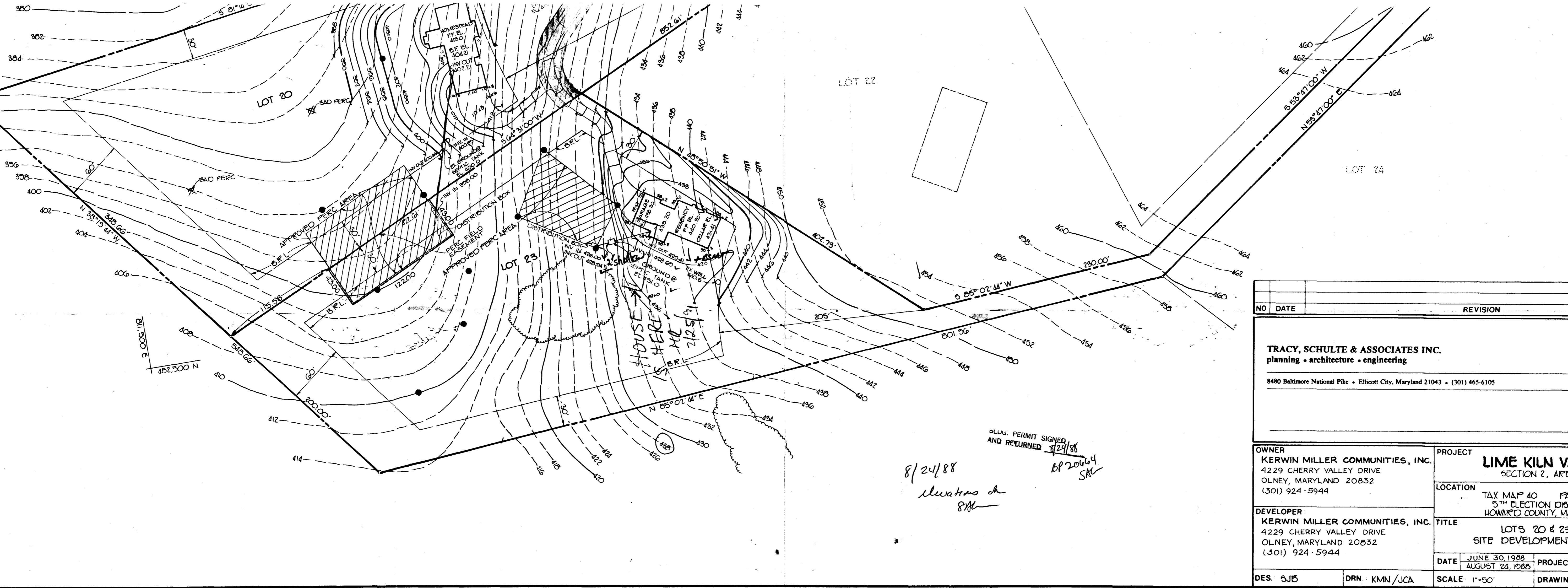
SRK

9/25/03

7670  
GREENDELL  
LANE

NOTE: This location is for title purposes only and not to be used for determining property lines.  
Property corner markers are NOT guaranteed by this location.





8/24/88  
 Elevations sh  
 87M

BLDG. PERMIT SIGNED  
 AND RETURNED 8/24/88  
 BP 20464  
 SAK

NO		DATE		REVISION	
<p><b>TRACY, SCHULTE &amp; ASSOCIATES INC.</b>            planning • architecture • engineering</p> <p>8480 Baltimore National Pike • Ellicott City, Maryland 21043 • (301) 465-6105</p>					
OWNER		PROJECT		TITLE	
KERWIN MILLER COMMUNITIES, INC. 4229 CHERRY VALLEY DRIVE OLNEY, MARYLAND 20832 (301) 924-5944		LIME KILN VALLEY SECTION 2, AREA 1		LOTS 20 & 23 SITE DEVELOPMENT	
DEVELOPER		LOCATION		DATE	
KERWIN MILLER COMMUNITIES, INC. 4229 CHERRY VALLEY DRIVE OLNEY, MARYLAND 20832 (301) 924-5944		TAX MAP 40 5 <sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND		JUNE 30, 1988 AUGUST 24, 1988	
DES: SJS		DRN: KMN/JCA		SCALE: 1"=50'	
				PROJECT NO.	
				DRAWING NO.	