

12/19/83  
w/100

approved  
12-19-83  
C. Williams

# PERMIT

P 33208  
A 27483

## SEWAGE DISPOSAL SYSTEM

### MARYLAND STATE DEPARTMENT OF HEALTH\*

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

05-391857

**ELLICOTT CITY**  
DISTRICT 5th

INDEX

DATE 10/6/83

~~Souder Builders~~ JMI Company IS PERMITTED TO INSTALL  ALTER   
1330 West Friendship  
ADDRESS 9335 Scaggsville Road, Laurel, Md. 20707 PHONE 725-5772 442-2961

SUBDIVISION Kalmia Farms ROAD 14771 Betula Way LOT 9, Section 2

PROPERTY OWNER Vincent Grauso  
ADDRESS 7204 Lasting Light Way, Columbia, Md. 21045 Phone: 593-3400

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

GARBAGE GRINDER? YES  NO  see attached letter from owner

SEPTIC TANK CAPACITY 1250 ~~4000~~ GALLONS NUMBER OF BEDROOMS 4

DEEP TRENCHES - 158 ~~100~~ sq. ft. one sidewall area per bedroom. Ditch is to be 2 ft. wide, 8 1/2 ft. deep, with inlet at 4 ft. below original grade and filled with 6 ft. of stone. Length of the ditch depends on the number of sq. ft. needed. Start the ditch at perc hole #5,6 and run it along level ground toward perc hole #7. Perc hole #5,6 is located 370 ft. from the front lot line and 110 ft. from the right lot line as seen when facing the lot from Betula Way. Perc hole #7 is located 200 ft. from the front lot line and 90 ft. from the right lot line as seen when facing the lot from Betula Way.

BUDG. PERMIT SIGNED  
AND RETURNED 10-1-87  
BP 14873 SA

PLANS APPROVED BY Raymond Hodges and Frank A. Skinner DATE 6/22/83 & 10/6/83 Stonny Sited

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.

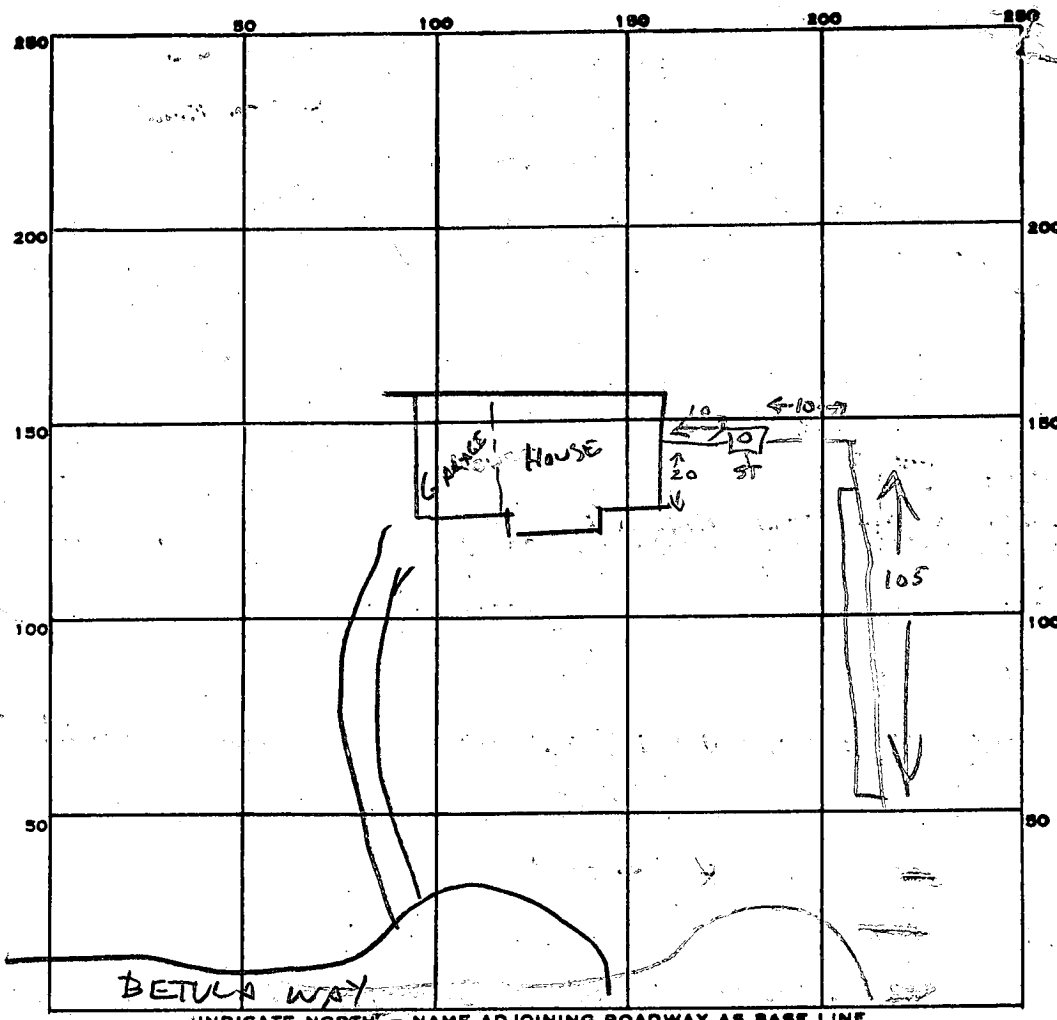
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 27483



$158 \times 4 = 632$  SQ. FEET  
 $632 - 105 = 527$   
 $527 \div 8 = 65.875$

PERMIT CARD  \_\_\_\_\_  
 SEPTIC TANK, LEVEL  \_\_\_\_\_ CLEANOUTS  ST \_\_\_\_\_  
 DISTRIBUTION BOX, LEVEL \_\_\_\_\_  
 TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.  
 GRAVEL DEPTH 6 FT. TOTAL LENGTH 105 FT.  
 NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 630  
 SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 630 SQ. FT.

REMARKS 12-19-83 OK TO ADD GRAVEL TO TRENCH. CW  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED 12-19-83 INSPECTOR C. Wilson

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 27483

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5th

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 Kimbert Hill, Inc., + Kalmia Farms Nursery

ADDRESS 2901 Olney - Sand Spring Rd Olney Md PHONE 924-3668

PROPERTY LOCATION: Mr + Mrs. Vincent Gaus PHONE 593-3400

SUBDIVISION KALMIA FARMS SECTION 2 LOT NO. Final # 9

ROAD AND DESCRIPTION Trinidad Mill Road

14771 Betula Way

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 4 Bedrooms p.B.P. 54983

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.

SIGNATURE OF APPLICANT \_\_\_\_\_

APPROVED BY B. Hodges FOR Trench DATE 6/22/83

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

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

REASONS FOR REJECTION OR HOLDING 3/19/80 Reaccomplished @ office.

6/22/83 Spec Written R.H.

BLDG. PERMIT SIGNED C.B. d.  
AND RETURNED 7/22/83  
Serial # 54983 SF-10

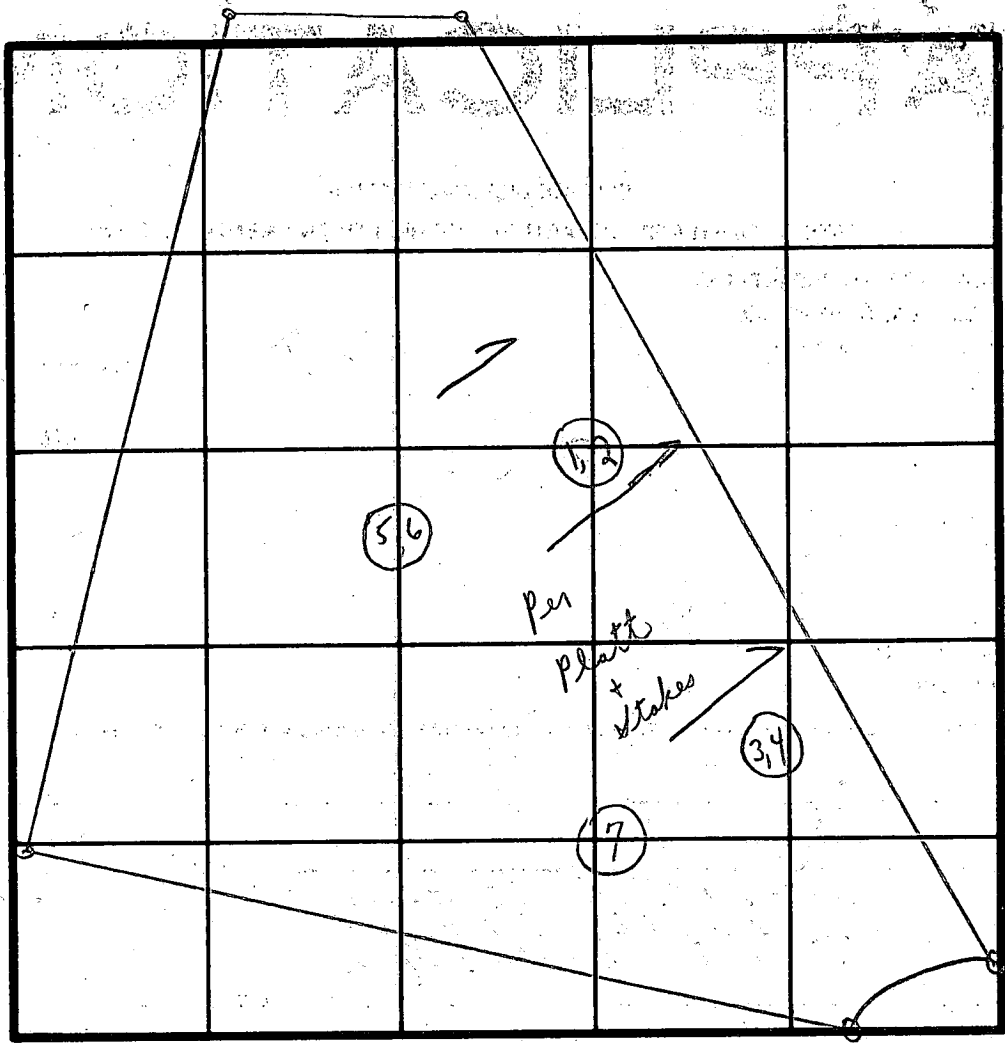
# THIS IS NOT A PERMIT

# 9

SEC. 2

SOIL PROFILE

BELOW  
CLAY  
LOAM  
TO  
HARD  
PAN



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5/19/78	1	4 1/2'	1:11	1:13	1:13	1:16	3 min
	(L) 2	11'	1:12	1:18	1:18	1:34	16 min
	3	4' - 4 1/2'	3:41	3:43	3:43	3:47	4 min
	(L) 4	10' <sup>1/2</sup> Head	1:27	1:29	1:29	1:33	4 min
7/26/78	5	4' <sup>1</sup> Pen	1:08	1:10	1:10	1:12	2 min
	(H) 6	13'	1:07	1:11	1:11	1:18	7 min
7/24/78	(H) 7	12'	Visual similar to (5+6)				5'
						6	36

Inlet 4'  
6 min

REMARKS Treated per platt.

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

TESTED BY C.B. V. ALSO PRESENT \_\_\_\_\_



B 1 **5042**

SEQUENCE NO. (OEP-USE ONLY)

STATE OF MARYLAND  
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

**HO-81-0182**

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

please print or type

fill in this form completely

Date Received

**070883**

OWNER INFORMATION

**GRAUSO VINCENT**

**7204 LASTING NIGHT-WY**

**Columbia MD 21045**

B 3

LOCATION OF WELL

**HOWARD**

**KAMIA FARMS**

SECTION **2** LOT **9**

**DAYTON**

MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION

**GEORGE F. EASTERDAY**

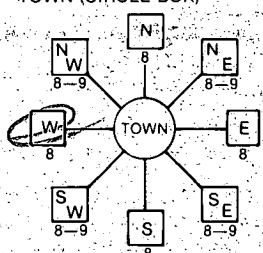
**U.F. EASTERDAY, INC.**

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

**George F. Easterday** **5/20/83**

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**Tridelphia Mill Road**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD **2000** FT

B 2

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** **A27483**

COUNTY NAME **HOWARD** COUNTY NO. **22**  
OEP SIGNATURE **Frank Shain** STATE HEALTH INSERT S **41**

DATE ISSUED **070883** CO SIGNATURE **Frank Shain** EXP. DATE **1/8/84**

NORTH GRID **506000** EAST GRID **0791000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL \_\_\_\_\_ NEAREST INCH

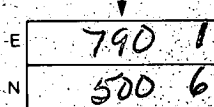
METHOD OF DRILLING (circle one)

- 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

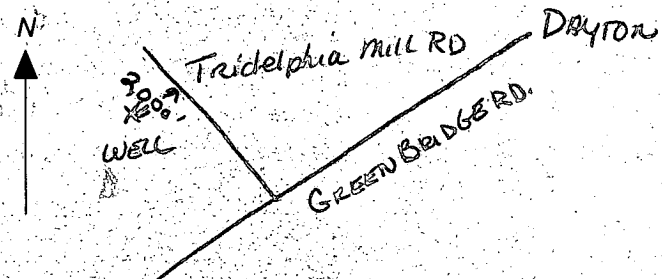
SOURCES OF DRILLING WATER  
1. **WELL**  
2.  
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



**84' CASING**  
**2' A.G.**  
**well 70' OPEN**  
**10 BAGS**  
**LOG OK**  
**7/15/83 CW**

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



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 DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

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

APPROP. PERMIT NUMBER \_\_\_\_\_

FORCE **FS** WRITE INITIALS IN BOX PERMIT No. **HO-81-0182**

SPECIAL CONDITIONS

7/20/85

Review 8/8/85 of JS

FIELD DATA SHEET  
COUNTY WELL YIELD TEST

Permit No. HO-81-0182 Election District \_\_\_\_\_  
 Location of property (road) \_\_\_\_\_  
 Subdivision Kalmar Farms Lot 9 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller GEORGE E. EASTBURY Owner VINCENT GRUBSO

Depth of well 160 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 43'6"

High rate pumping—reservoir drawdown \_\_\_\_\_  
 Time pump started 11:30 Pumping rate 8.6 P.M.  
 Total time 11:45 to reach pumping water level 45' ft. below M.P.

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

TIME	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW gallons per minute
11:30	43'6"	7 sec		8.6 P.M.
11:45	45'	7 sec		8.6 P.M.
12:00	45'	7 sec		8.6 P.M.
12:15	45'	7 sec		8.6 P.M.
12:30	45'	7 sec		8.6 P.M.
12:45	45'	7 sec		8.6 P.M.
1:00	45'	7 sec		8.6 P.M.
1:15	45'	7 sec		8.6 P.M.
1:30	45'	7 sec		8.6 P.M.
1:45	45'	7 sec		8.6 P.M.
2:00	45'	7 sec		8.6 P.M.
2:15	45'	7 sec		8.6 P.M.
2:30	45'	7 sec		8.6 P.M.

Pressure 140'

ONE Sample



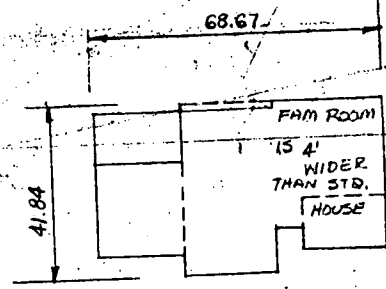




LOT 9  
4.393 AC.

NOTE:  
HOUSE IS 4' WIDER THAN STD  
68.67

REV. 7-12-85 MOVED WELL 11' 10' F  
MOVED HOUSE FORWARD 21' S.E. 5'



BLDG. PERMIT SIGNED  
AND RETURNED 10-1-87  
BP 14873



DARKENED AREA SHALL  
PROPOSED SHED STORAGE  
RED LINES - FUTURE BUILDING  
NOT AT THIS TIME.

Thompson A. Ben  
Purchaser  
Vincent