

9/14/84  
early pm at 2:00  
9/20/84

W.P.I. - 9/13/84 on.

approved  
9/20/84  
C. Wilson

# PERMIT

P 34186  
A 26896

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 3rd  
DATE 8/6/84

## INDEX

03-307549

Frances Bollinger IS PERMITTED TO INSTALL X ALTER

ADDRESS 1343 Bollinger Road, Westminster, MD 21157 PHONE 848-6527

SUBDIVISION Heatherwood ROAD 1701 Heatherwood Way LOT 18

PROPERTY OWNER Sheila and Wayne Gordon  
Manor Road  
ADDRESS Sykesville, Maryland

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

Locate the dry well 125 feet from the front property line, and 130 feet from the left property line as seen from Route 99. The invert will enter the dry well at maximum depth 3 feet below original grade and the maximum depth of the dry well will not exceed 10 feet below original grade. The dry well will be constructed 12 ft. x 12 ft. square for a sidewall area of 278 sq. ft. Begin the trench 5 ft. from the edge of the dry well. The trench will be dug 2 feet wide, 9 ft. deep and 94 feet long, and contain 5 feet of stone. The trench will follow the contour of the land. Distribution box required when more than 1 trench used. Trench only - length 145 ft. Call for two inspections of trench before and after gravel is installed.

PLANS APPROVED BY Frank Skinner/F. Frommelt DATE 4/23/84

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.

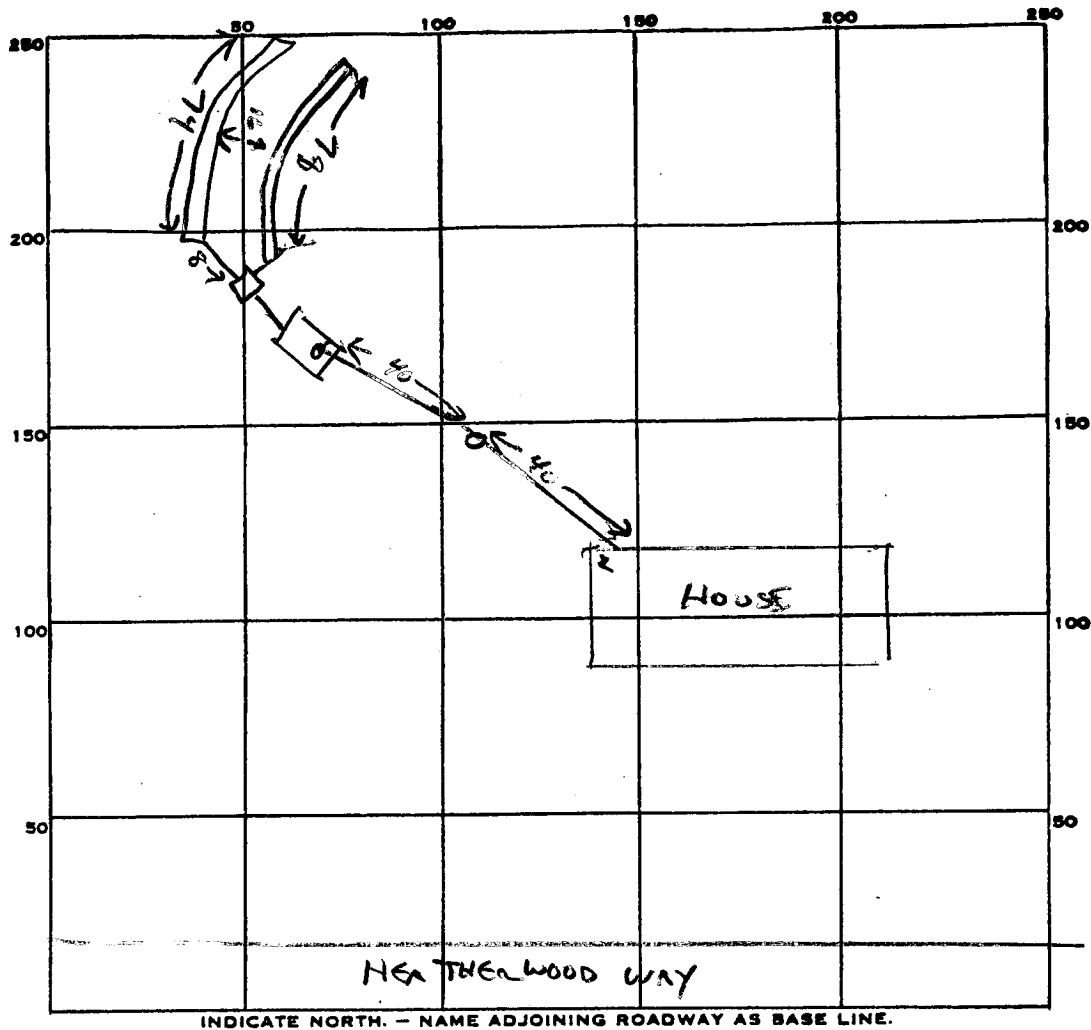
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

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

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

EH - 2-1082

A 26896



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL  \_\_\_\_\_

CLEANOUTS IN LINE  \_\_\_\_\_

DISTRIBUTION BOX, LEVEL  \_\_\_\_\_

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT ~~JK~~ TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES 2 (74) TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 1<sup>st</sup> TRENCH OK TO ADD STAKE. 9/19/84 CW

SYSTEM COMPLETE, OK TO COVER ALL 9/20/84 CW

DATE SYSTEM APPROVED 9/20/84

INSPECTOR C. Walker

<b>B 1</b>	<b>7708</b>	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <span style="font-size: 24pt; font-family: cursive;">40-73-000</span> <b>FILL IN THIS FORM COMPLETELY</b>
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DATE RECEIVED (WRA USE ONLY) <i>9/5/79</i>	OWNER <i>Karon, Walter</i>	COL 15 LAST NAME	FIRST NAME	COL 52
STREET OR RFD <i>5402 Snowman Ct.</i>	COL 36			
POST OFFICE <i>Columbia, Maryland 21045</i>	COL 57			

<b>B 1</b>	CONTINUED	<b>DRILLER INFORMATION</b>
1 2 3 (SEQ. NO.) 6		
DATE <i>July 10 1979</i>	LICENSE NUMBER <i>290</i>	77 80
FIRST NAME <i>Carlball &amp; Co.</i> DRILLER LAST NAME		
SIGNATURE <i>[Signature]</i>		

<b>B 3</b>	<b>LOCATION OF WELL</b>
1 2 3 (SEQ. NO.) 6	
COUNTY <i>Howard</i>	8 (DO NOT ABBREVIATE COUNTY NAME) 21
SUBDIVISION <i>Heatherwood</i>	23 42
SECTION <i>44</i>	46 48 50
NEAREST TOWN <i>Suberville</i>	52 71
MILES FROM TOWN (ENTER 0 IF IN TOWN) <i>7.5</i>	76 77 78

<b>B 2</b>	<b>WELL INFORMATION</b>
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <i>5</i>	8 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <i>500</i>	14 20

<b>B 4</b>	<b>DIRECTION FROM TOWN</b> (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6	
<input type="checkbox"/> N NORTH <input type="checkbox"/> E EAST <input type="checkbox"/> NE NORTHEAST <input type="checkbox"/> SE SOUTHEAST <input type="checkbox"/> S SOUTH <input type="checkbox"/> W WEST <input type="checkbox"/> NW NORTHWEST <input type="checkbox"/> SW SOUTHWEST	
NEAR WHAT ROAD <i>Old Frederick Rd</i>	
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <i>S</i>	N 32    S 32    E 32    W 32
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <i>34</i>	34 37 38 39

<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>	
<input type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="checkbox"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="checkbox"/> MUNICIPAL WATER SUPPLY	} MUST HAVE STATE HEALTH DEPT. APPROVAL
<input type="checkbox"/> PRIVATE WATER COMPANY	
<input type="checkbox"/> TEST	

APPROXIMATE DEPTH OF WELL <i>6200</i>	FEET
24 26	
APPROXIMATE DIAMETER OF WELL <i>6</i> (NEAREST INCH)	

<b>METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)</b>		
<input type="checkbox"/> BORED (OR AUGERED)	<input type="checkbox"/> JETTED	<input type="checkbox"/> DRIVEN
<input type="checkbox"/> AIR-ROTARY	<input type="checkbox"/> AIR-PERCUSSION	<input type="checkbox"/> ROTARY (HYDRAULIC ROTARY)
<input type="checkbox"/> CABLE	<input type="checkbox"/> REVERSE-ROTARY	<input type="checkbox"/> DRIVE-POINT
OTHER (DESCRIBE)		

<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b>	
<input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
<input type="checkbox"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)	

<b>NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)</b>	
APPROPRIATION PERMIT NUMBER <i>54</i>	ENGINEER REVIEW DISTRICT NO. <i>65</i>
FORCE <i>67 68</i>	CONDITIONS <i>70 71 72 73 74 75 76 77 78 79</i>

<b>B 4</b>	CONTINUED	<b>HEALTH DEPARTMENT APPROVAL</b>
1 2 3 (SEQ. NO.) 6		
41	<input type="checkbox"/> STATE HEALTH (CIRCLE BOX)	COUNTY NAME <i>Howard</i> COUNTY NO. <i>407071</i>
DATE <i>7/23/79</i>	APPROVED BY <i>[Signature]</i>	

9/7/79 WELLS OK  
SEE OTHER SIDE OR H

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N

BOX NUMBER

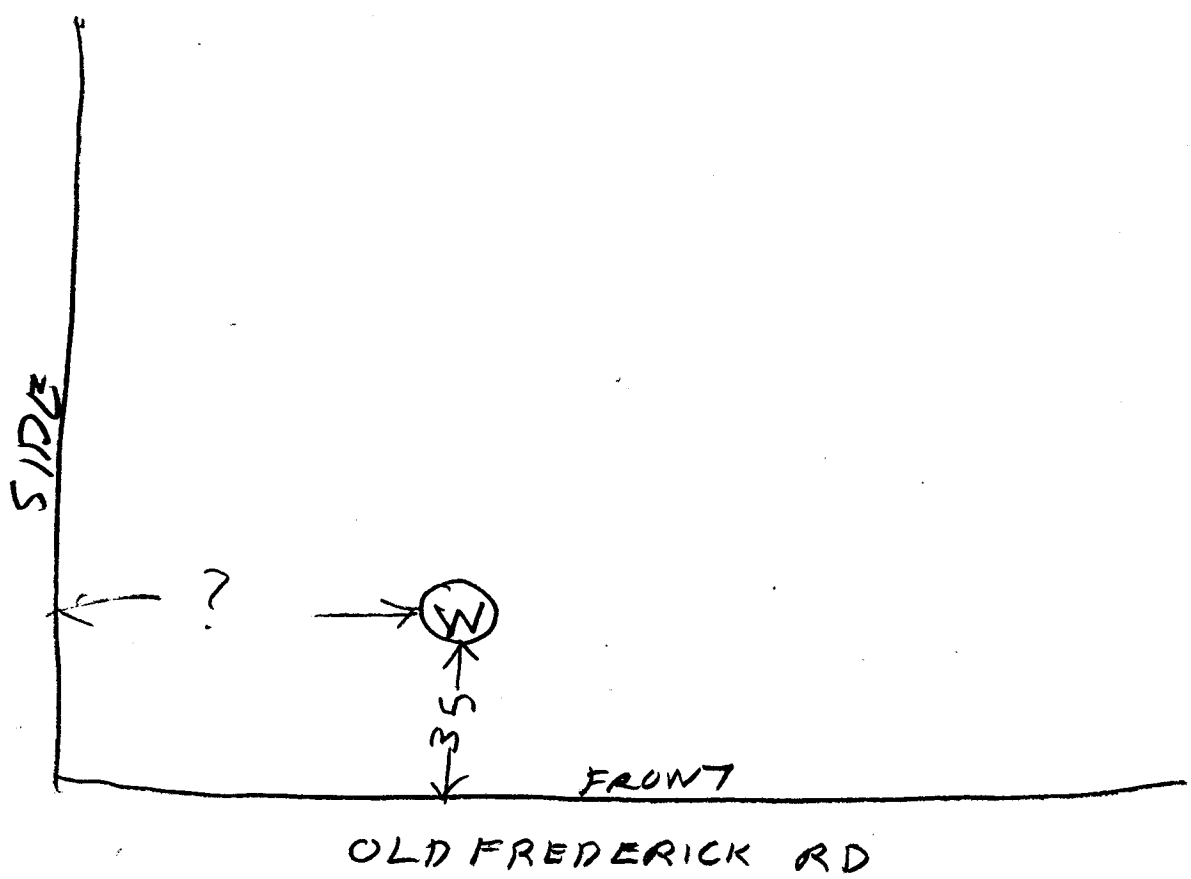
E	0/5
N	5/5

NORTH COORDINATE *50 51 52 53 54 55*

EAST COORDINATE *57 58 59 60 61 62 63*

ELEVATION AT WELL HEAD (FEET) *65 66 67 68*

<b>B 5</b>	<b>SPECIAL CONDITIONS 8-63 (WRA USE ONLY)</b>
1 2 3 (SEQ. NO.) 6	



RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 ELLICOTT CITY, MD.  
 AUG 1 9 50 AM '79

9/7/79

- ① LOCATION OK
- ② 23 FT CASING 2 FT OUT OF GROUND
- ③ 13 FT OPEN HOLE DEPTH USING STRING
- ④ PIPE JETTED DOWN 20 FT
- ⑤ 5 BAGS
- ⑥ SYSTEM OK

R HODGES

C 1 **6692** SEQUENCE NO. (WRA USE ONLY)  
 1 2 3 (SEQ. NO.) 6  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION  
 FILE IN THIS FORM COMPLETELY  
 COUNTY NUMBER **A27271**

DATE RECEIVED (WRA USE ONLY) **Sept. 10, 1979** DEPTH OF WELL **150** PERMIT NO. FROM "PERMIT TO DRILL WELL" **47-73-3387**  
 DATE WELL COMPLETED **Sept 10 1979** (TO NEAREST FOOT) 22 26  
 8-13 15 20  
 DRILLERS IDENTIFICATION NO. **290**

OWNER **Z** LAST NAME **HEMPERWOOD** FIRST NAME **LOT 18**  
 STREET OR RFD POST OFFICE

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<i>Hard clay bed</i>	0	33	
	34	100	<input checked="" type="checkbox"/>

**GROUTING RECORD** YES  NO   
 WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  
 TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **5** NO. OF POUNDS **470**  
 GALLONS OF WATER **30**  
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM **0** FT. TO **31** FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**  
 INSERT APPROPRIATE CODE BELOW  
 STEEL  CONCRETE   
 PLASTIC  OTHER   
 MAIN CASING TYPE **ST** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **60** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **29**

**OTHER CASING (IF USED)**  
 DIAMETER (INCH) DEPTH (FEET) FROM TO  
 C A S I N G

**SCREEN RECORD**  
 INSERT APPROPRIATE CODE BELOW  
 STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**  
 FROM TO  
 1 **HO** 8 9 11 15 17 21  
 2  
 3  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1: 2: 3:

DIAMETER OF SCREEN **56** (NEAREST INCH) FROM TO  
 GRAVEL PACK  
 IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

**PUMPING TEST**  
 HOURS PUMPED (TO NEAREST HOUR) **8**  
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **8**  
 METHOD USED TO MEASURE PUMPING RATE

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**  
 BEFORE PUMPING **25** (NEAREST FOOT)  
 WHEN PUMPING **95** (NEAREST FOOT)  
 TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)  
 AIR  PISTON  TURBINE   
 CENTRIFUGAL  ROTARY  OTHER (DESCRIBE BELOW)   
 JET  SUBMERSIBLE

**PUMP INSTALLED**  
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)  
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  NO   
 CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**  
 PUMP HORSE POWER **37** **41**  
 PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)  
 ABOVE  BELOW   
 LAND SURFACE **2** (NEAREST FOOT)

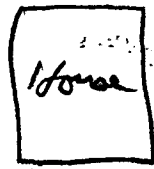
**LOCATION OF WELL ON LOT**  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

**CIRCLE APPROPRIATE BOXES**  
 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 ELECTRIC LOG OBTAINED  
 TEST WELL CONVERTED TO PRODUCTION WELL

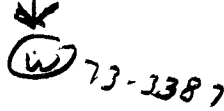
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME  
 (PLEASE PRINT)  
 SIGNATURE

*see Pump inspection on back of well*



170'



Westward way

RD 99

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELICOTT CITY, MD.  
SEP 19 9 55 AM '79

9/13/84 - Pump, pitter & lines installed - 4 ft  
below ~~ground~~ - ~~made~~ work completed J

Dry Well and Trench

A26896

Septic Tank

3 bedrooms - 1000 gallon

4 bedrooms - 1250 gallon

Locate the dry well 125 ft. from the FRONT property line, and 130 ft. from the LEFT property line as seen from ~~the road~~ RT 99. The invert will enter the dry well at +3 ft. below original grade and the maximum depth of the dry well will not exceed 10 ft. below original grade. The dry well will be constructed 12 ft. x 12 ft. square for a sidewall area of 278 sq. ft. Begin the trench 5 ft. from the edge of the dry well. The trench will be dug 2 ft. wide, 109 ft. deep, ~~115~~ (3 bedroom) 89 (4 bedroom) ft. long, and contain 5 ft. of stone. The trench will follow the contour of the land.

DISTRIBUTION BOX REQUIRED WHEN MORE THAN 1 TRENCH USED  
Two (2) inspections

HEATHER WOOD LOT NEW 18

Trench only - length 3BR <sup>103</sup> ~~100~~ ft., 4BR - <sup>145</sup> ~~146~~ ft.

4 Bedrooms  
No. G. D.

File Under Section 1 Washers record

# APPLICATION

A 26896

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

DATE 9/19/77

*Prud.*  
9/29/77  
9:30 A.M.

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

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 EDWARD J. KASEMEYER

ADDRESS 2590 PFEFFERKORN Rd. PHONE 442-2292  
461-1456

PROPERTY LOCATION: Wayne + Shelie Gordon  
507 Manor Road NEW 1 8  
Sykesville, Md 21784.

SUBDIVISION HEATHERWOOD LOT NO. 5  
2

ROAD AND DESCRIPTION Rt. 99 1 mi. W of Rt. 32 on LEFT  
1701 Heatherwood

SIZE OF LOT 1A TYPE BLDG. 3  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Edward J. Kase Meyer BLDG. PERMIT SIGNED  
AND RETURNED 4/23/84  
Serial # 58344 SFD

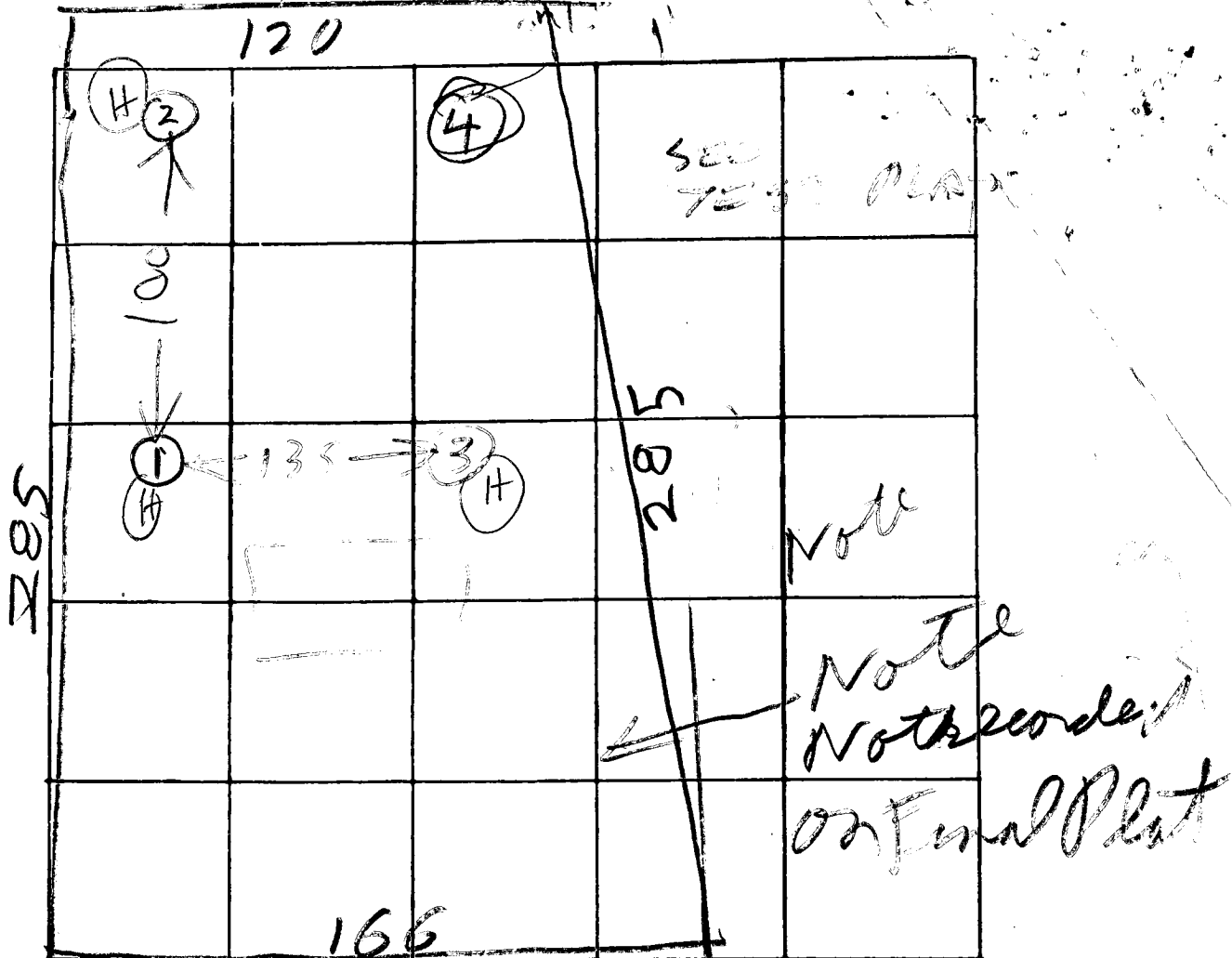
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 9/30/77 Perc of Hold for Plat R  
10/6/77 Held for Review with FI Perc of 11/4/77  
Then lot not recorded on final Plat 1

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

OLD FRED RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/27/70	1S	5 1/2	107	108	125	132	7	HIGH
	1D	11 1/2	109	114	119	140	26	USE TOP 20"
	2D	12	141	151	151	205	14	HIGH
	2S	4	142	142	142	145	3	
	3V	12	TOP	315	CLAY			HIGH
	4D	13	218	259	little per	Failat		LOWEST
9/29/70	4S	4 1/2	236	239	239	241	2	
9/29/70	4M	10	319	325	325	336	11	
	4EM	11 1/2	342	407	little per			

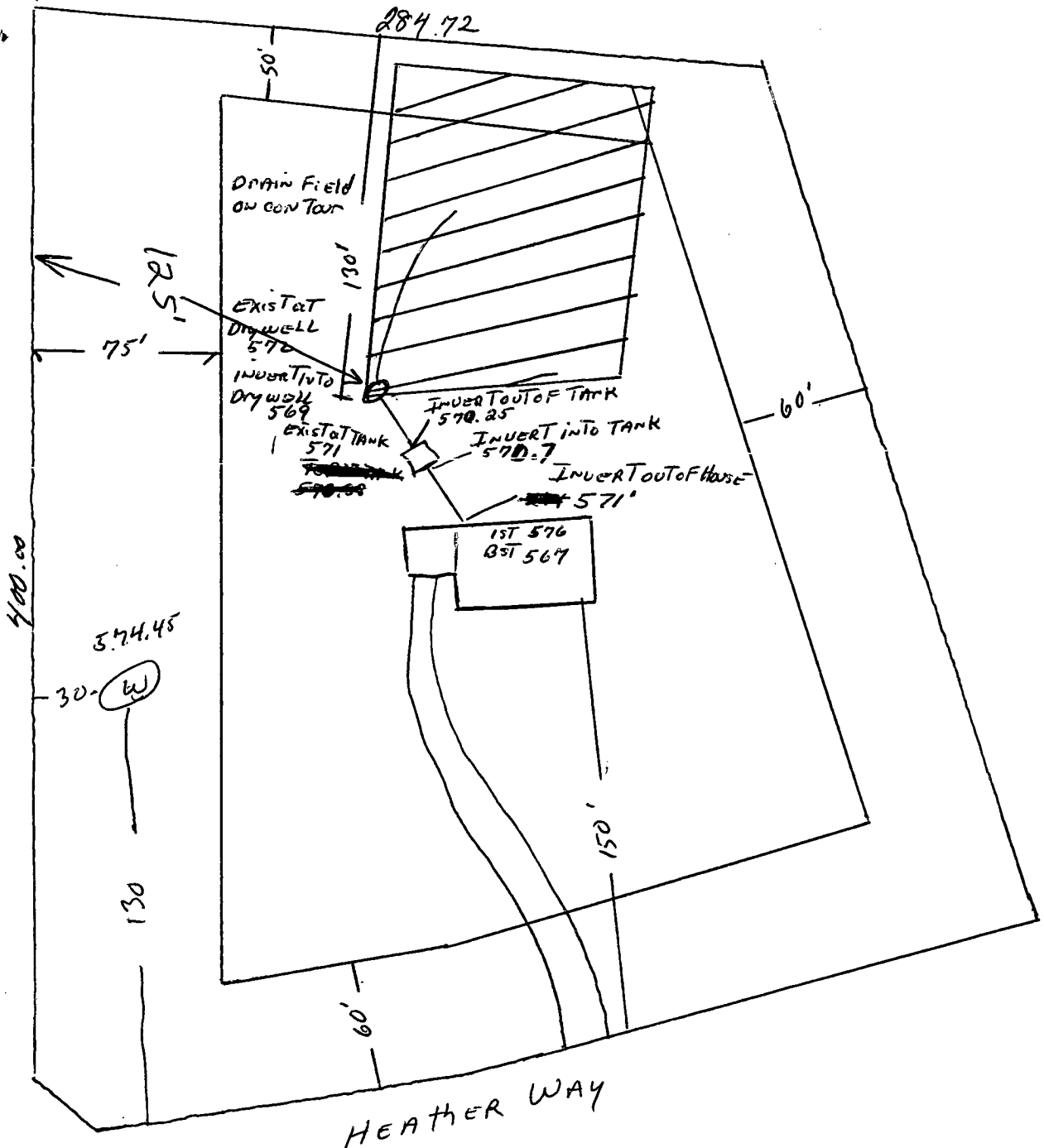
REMARKS: Holes ① ② ③ are about same direction

TYPE OF SOIL

TESTED BY: R. [Signature]

ALSO PRESENT: K Bush Backhoe  
Kasem  
Lot 5 Run the survey

OLD Frederick Road



4/23/84  
 Sketch as revised  
 OK. J.S.

LOT 18  
 3.0 ACRES  
 HEATHERWOOD

Thomas E. Will