

Approved 12/15/82  
Stayed

# PERMIT

P 30718  
A 30629

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

INDEX

DATE 6/9/80

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 PHONE 988-9270

SUBDIVISION \_\_\_\_\_ ROAD Millex Mill Road 2328 ~~Route 97~~ LOT \_\_\_\_\_

PROPERTY OWNER Alvin and Margaret Harris

ADDRESS Route 97 Box 2328, Cooksville, Md. 21723 Phone: 489-4764

SPECIFICATIONS 3 bedrooms  
SEPTIC TANK CAPACITY 1000 GALLONS  
DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
SEEPAGE PITS \_\_\_\_\_ ABSORBENT SIDE-WALL AREA \_\_\_\_\_ SQ. FT.  
INLET PIPE \_\_\_\_\_ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH \_\_\_\_\_ FT. BELOW ORIGINAL GRADE  
EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.  
LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN FACING LOT FROM

TILE FIELD - 120 sq. ft. per bedroom. 3 feet wide, 2-4 deep, 1 ft. of stone.  
Two ditches, 60 ft. long, 10 ft. apart center to center. Use cast iron pipe within 50 ft. radius of a well. Keep the septic tank at least 50 ft. away from the well. Start the tile field at perc hole #4 which is located 130 ft. from the back of the house and 22 ft. from the left side of the lot as seen when facing the lot from Route 97. Run the ditch toward perc hole #5 which is located 90 ft. behind perc hole #4 and about 20-30 ft. from the left side line.

12/13/82 OK to use schedule 40 PVC pipe in place of cast iron pipe. OK to use a 6 ft. wide trench. F.S.  
PLANS APPROVED BY Raymond Hodges DATE 5/18/80

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 PLACING GRAVEL IN TRENCH.  
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.  
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.  
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 ACCEPTED.

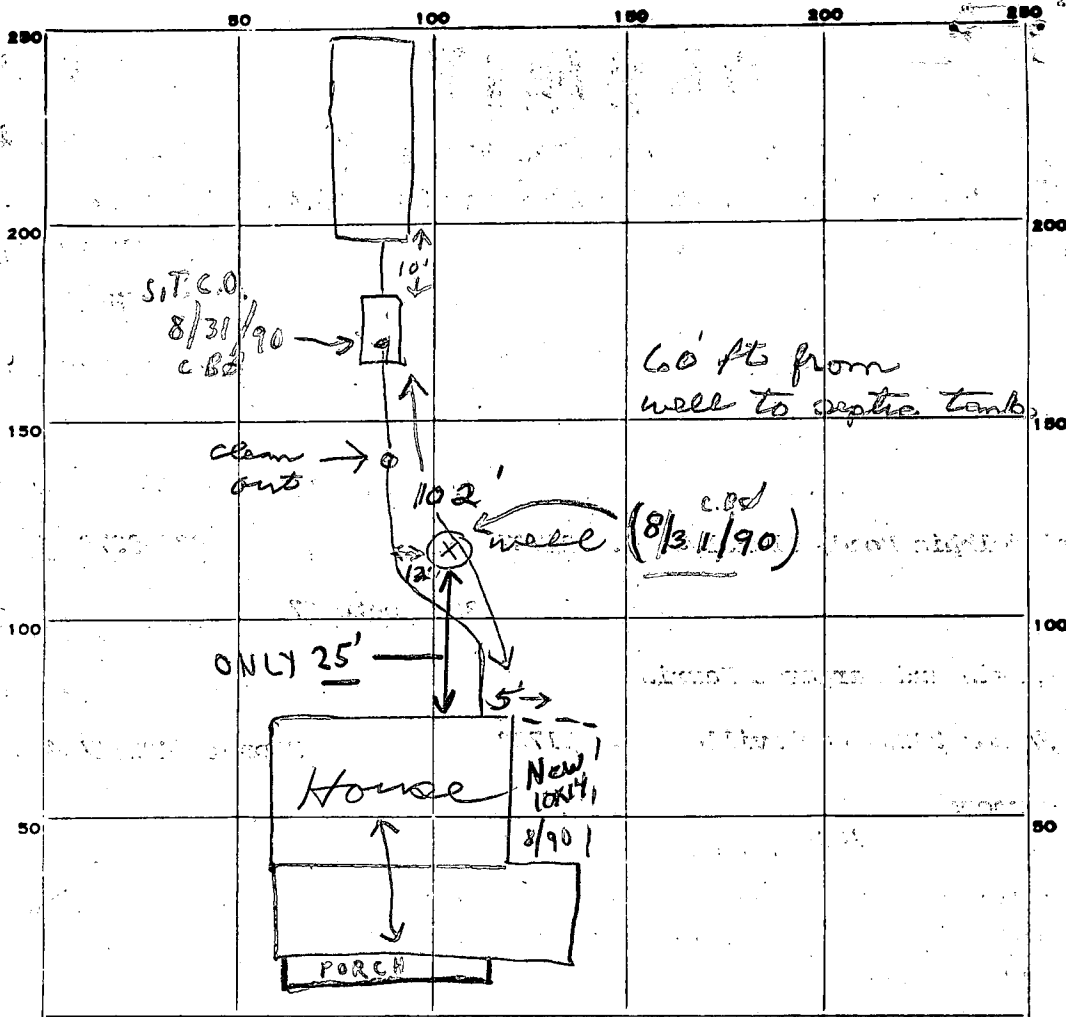
LDG. PERMIT SIGNED  
AND RETURNED 12-17-98  
Serial # B0115503

addition

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

LDG. PERMIT SIGNED  
AND RETURNED 4-7-99  
Serial # B00117193  
deck

A 30629



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

RT 97

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

SEPTIC TANK, LEVEL  1000 gal

CLEANOUTS  ST

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

TILE FIELD, DEPTH  $5\frac{1}{2}$  FT. TRENCH WIDTH 6 FT.

GRAVEL DEPTH  $2\frac{1}{2}$  IN. TOTAL LENGTH 75 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 450

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

ABSORBENT AREA 450 SQ. FT.

REMARKS 12/15/82 OK to cover all work. js

DATE SYSTEM APPROVED 12/15/82

INSPECTOR Stayer

*Revised*

# APPLICATION

A 30629

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043

TELEPHONE: 992-2330

*3 BR 1000 GAL TANK  
4 BR 1250 GAL TANK*

DISTRICT 4th

DATE 4-12-80

*FILE FIELD - 120 SQFT PER BEDROOM  
3 FT WIDE ~~2~~ 4 FT DEEP 1 FT STONE  
(IF 3 BR HOUSE, FOR EXAMPLE, 2 DITCHES,  
60 FT LONG 10 FT APART CENTER TO CENTER)*

TO: THE COUNTY HEALTH OFFICER *SEE SEPARATE SHEET FOR*  
ELLICOTT CITY, MARYLAND *REST OF SPECS*

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

PROPERTY OWNER *Margaret & Alvin Harris*  
ADDRESS *Route 97 Box 2328 Cooksville Md* PHONE *489-4764*

PROPERTY LOCATION:  
SUBDIVISION *Bushy Park* LOT NO. \_\_\_\_\_  
ROAD AND DESCRIPTION *Route 97 & Millers Mill Rd*

SIZE OF LOT *6.75* TYPE BLDG. *2 stories with cellar*

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 *Margaret Harris Alvin E. Harris*

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

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

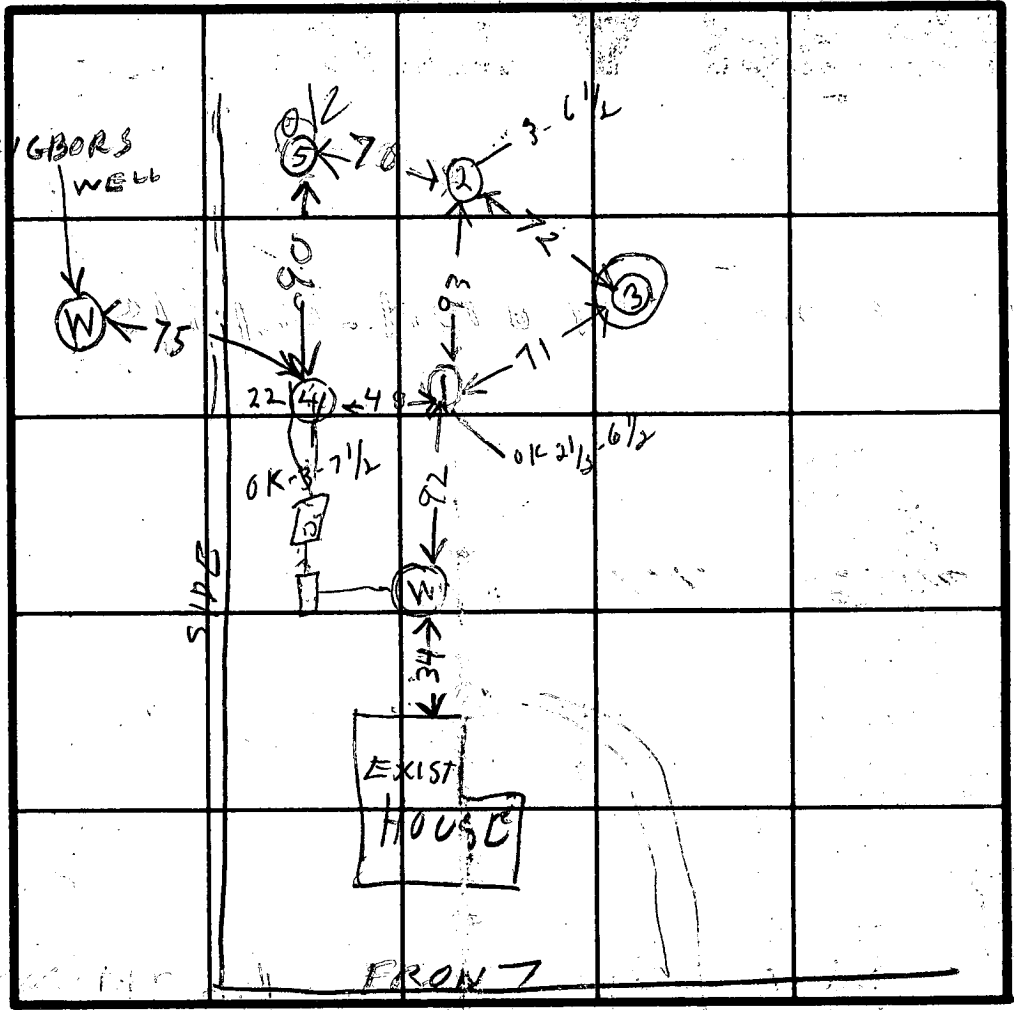
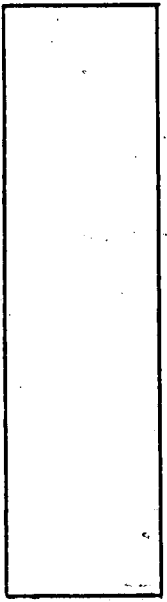
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING *5/16/80 - HOLD FOR REVIEW WATER*  
*5/18/80 DM SAID IT'S OK*

## THIS IS NOT A PERMIT

HOLE  
ELEVATIONS  
④⑤ = HIGH  
①② = MEDIUM  
③ = LOW

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 97

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/80	1S	2 1/2	1258	104	104	117	13
	1V	12	WATER		8 1/2 FT		
	2S	3	106	117	117	132	25
	2V	11	WATER		8 1/2 FT		
	3S	3	112	134	134	210	34
	1D	6 1/2	122	127	127	132	5
	2D	6 1/2	140	145	145	155	10
	4D	7 1/2	149	153	153	158	5
	4S	3	149	153	153	208	11
5/16/80	5V	8	ALL SAND				

REMARKS NEW WELL H0732284 ESTERDAY  
ALL HOLES

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

TESTED BY B. HODGES

ALSO PRESENT JIM YOLK  
ALVIN HARRIS

COPY GIVEN TO A. HARRIS

DNR-214 (7-77)

SEQUENCE NO. (WRA USE ONLY) **8672**

1 2 3 (SEQ. NO.) 6

THIS NUMBER IS TO BE PUNCHED IN HOLES 3 ON ALL CARDS.

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED **7/3/79**

8-13

STATE OF MARYLAND  
 WATER RESOURCES ADMINISTRATION  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401

WELL COMPLETION REPORT

DEPTH OF WELL **80**

(TO NEAREST FOOT) 26

DRILLERS IDENTIFICATION NO. **40**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-73-3284**

28 29 30 31 32 33 34 35 36 37

OWNER **MARRIS ALVIN E**

STREET OR RFD **Box 1328**

POST OFFICE **Cooksville, MO.**

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	
TOP SOIL	0	2	
SAND	2	8	
POWDERY CLAY	8	25	
CLAY	25	35	✓
BROWN CLAY	35	39	
CLAY	39	80	✓

GROUTING RECORD

YES  NO

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  BENTONITE CLAY

NO. OF BAGS **4** NO. OF POUNDS **400**

GALLONS OF WATER **20**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM **0** FT. TO **18** FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE

PLASTIC  OTHER

MAIN CASING TYPE

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6**

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **21**

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS  OPEN HOLE

PLASTIC  OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 **HO** 19 80

2

3

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN **56** (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX)

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) **2**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **50**

METHOD USED TO MEASURE PUMPING RATE **BUCKET**

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING **20** (NEAREST FOOT)

WHEN PUMPING **80** (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**

PUMP HORSE POWER **37**

PUMP COLUMN LENGTH (NEAREST FOOT) **43**

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).

40' well

100'

97

CIRCLE APPROPRIATE BOXES

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 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 **George F. Patterson**

SIGNATURE **George F. Patterson**

**B 1** 5637 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6  
THIS NUMBER IS TO BE PUNCHED IN COLS. 8-6 ON ALL CARDS

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401  
**APPLICATION FOR PERMIT TO DRILL WELL**

WRA PERMIT NUMBER  
**HO-73-3284**  
 FILL IN THIS FORM COMPLETELY

**OWNER** Howard, Ann E. COL 15 LAST NAME COL 34 FIRST NAME

**STREET OR RFD** Rt. 99, Box 2324 COL 36 COL 55

**POST OFFICE** Chesapeake, Md. COL 57 COL 76

**B 1** CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

**DATE** 11/27/79 **LICENSE NUMBER** 4440

**FIRST NAME** Howard **DRILLER** Howard **LAST NAME** Howard

**SIGNATURE** Howard Howard

**B 3** **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

**COUNTY** Howard (DO NOT ABBREVIATE COUNTY NAME) 21

**SUBDIVISION** 11 29 42

**SECTION** 44 **LOT** 48 44 48 50

**NEAREST TOWN** Cooksville 52 71

**MILES FROM TOWN (ENTER 0 IF IN TOWN)** 1 M 1 76 77 78

**B 2** **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

**MAXIMUM PUMPING RATE (GALLONS PER MINUTE)** 6 8 12

**AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)** 1000 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

**D** HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

**F** FARMING, AGRICULTURE, IRRIGATION

**I** INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

**M** MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

**P** PRIVATE WATER COMPANY }

**T** TEST

**B 4** **DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)**

1 2 3 (SEQ. NO.) 6

**N** NORTH  **E** EAST  **NE** NORTHEAST  **SE** SOUTHEAST

**S** SOUTH  **W** WEST  **NW** NORTHWEST  **SW** SOUTHWEST

**NEAR WHAT ROAD** M 97

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**  **N**  **S**  **E**  **W**  **FT**

**DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)** 100 34 37 M 1 38 39

**APPROXIMATE DEPTH OF WELL** 100 FEET 24 26

**APPROXIMATE DIAMETER OF WELL** 6 (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**

**BORED (OR AUGERED)**  **JETTED**  **DRIVEN**

**AIR-ROTARY**  **AIR-PERCUSSION**  **ROTARY (HYDRAULIC ROTARY)**

**CABLE**  **REVERSE-ROTARY**  **DRIVE-POINT**

**OTHER (DESCRIBE)**

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

**N** THIS WELL WILL NOT REPLACE AN EXISTING WELL

**Y** THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

**S** THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

**D** THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

**NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)**

**APPROPRIATION PERMIT NUMBER** 54 **ENGINEER REVIEW DISTRICT NO.** 63

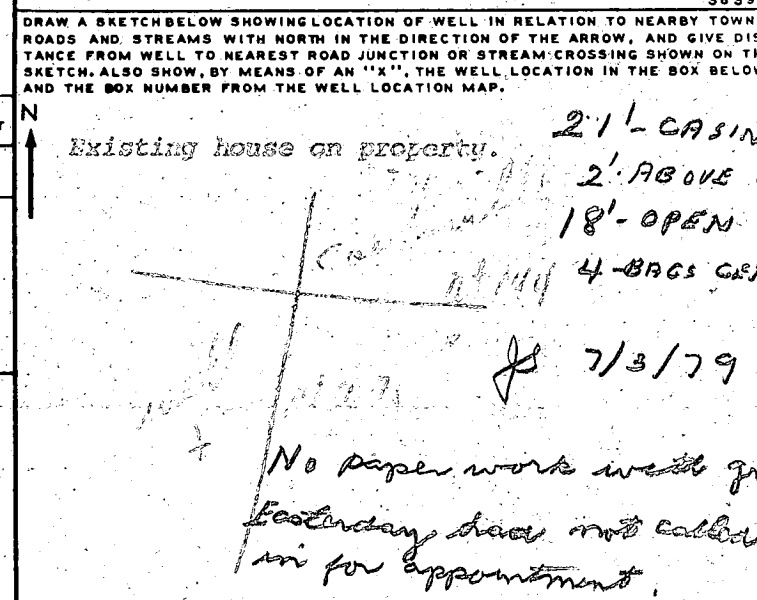
**FORCE** 67 **WRITE INITIALS IN BOX** 68 **CONDITIONS** 70 71 72 73 74 75 76 77 78 79

**B 4** CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

**S** STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. 11

**DATE** 12/14/79 **APPROVED BY** [Signature]



**BOX NUMBER** 790 670

**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 0/0 5/0

**B 5** SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6



---

## HOWARD COUNTY HEALTH DEPARTMENT

---

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

September 5, 1990

*Reply to:*

Mr. Alvin Harris  
2328 Roxbury Mills Road  
Cooksville, Maryland 21723

Re: Building Permit 34505  
Proposed Addition  
2328 Roxbury Mill Road

Dear Mr. Harris:

This is to advise that this office cannot recommend approval of the above referenced building permit application at this time because of insufficient septic disposal capacity. In order for a building permit to be recommended for approval, this office must be satisfied that a property is served by a septic system and by future septic repair area of adequate size and condition to handle the maximum potential waste-water flow from the dwelling.

Our records show that this property was originally served by a privy, without indoor plumbing. Percolation testing in 1980, to accommodate the introduction of plumbing, established only a very limited amount of area suitable for septic system installation. Several percolation test locations were judged not satisfactory due to high water table.

If this building permit application is to be approved, additional satisfactory percolation tests are required to establish that sufficient site conditions exist to support an increase in sewage design flow. We are agreeable to attempting the required tests at anytime but, unfortunately due to the history of high water table on the property, it may not be possible to complete the required testing until the Spring "wet season". Prior to testing, a more accurate scaled drawing should be submitted, showing location of the house, well, septic system and nearby wells, and indicating slope of the ground surface in order to determine a location that has the best possibility of passing the percolation test.

---

Bureau of Environmental Health

3525 Ellicott Mills Drive Ellicott City, Maryland 21043-4544

Director 461-9956 Water and Sewerage, Permits 461-9933 Community Environmental Health 461-9944  
Technical Services 461-9955

Mr. Alvin Harris

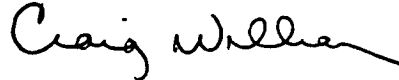
- 2 -

September 4, 1990

If you have any questions concerning this matter, please contact this office at 461-9933.

Because this issue is somewhat complex, it might be best to arrange a conference in this office to discuss all aspects of this matter.

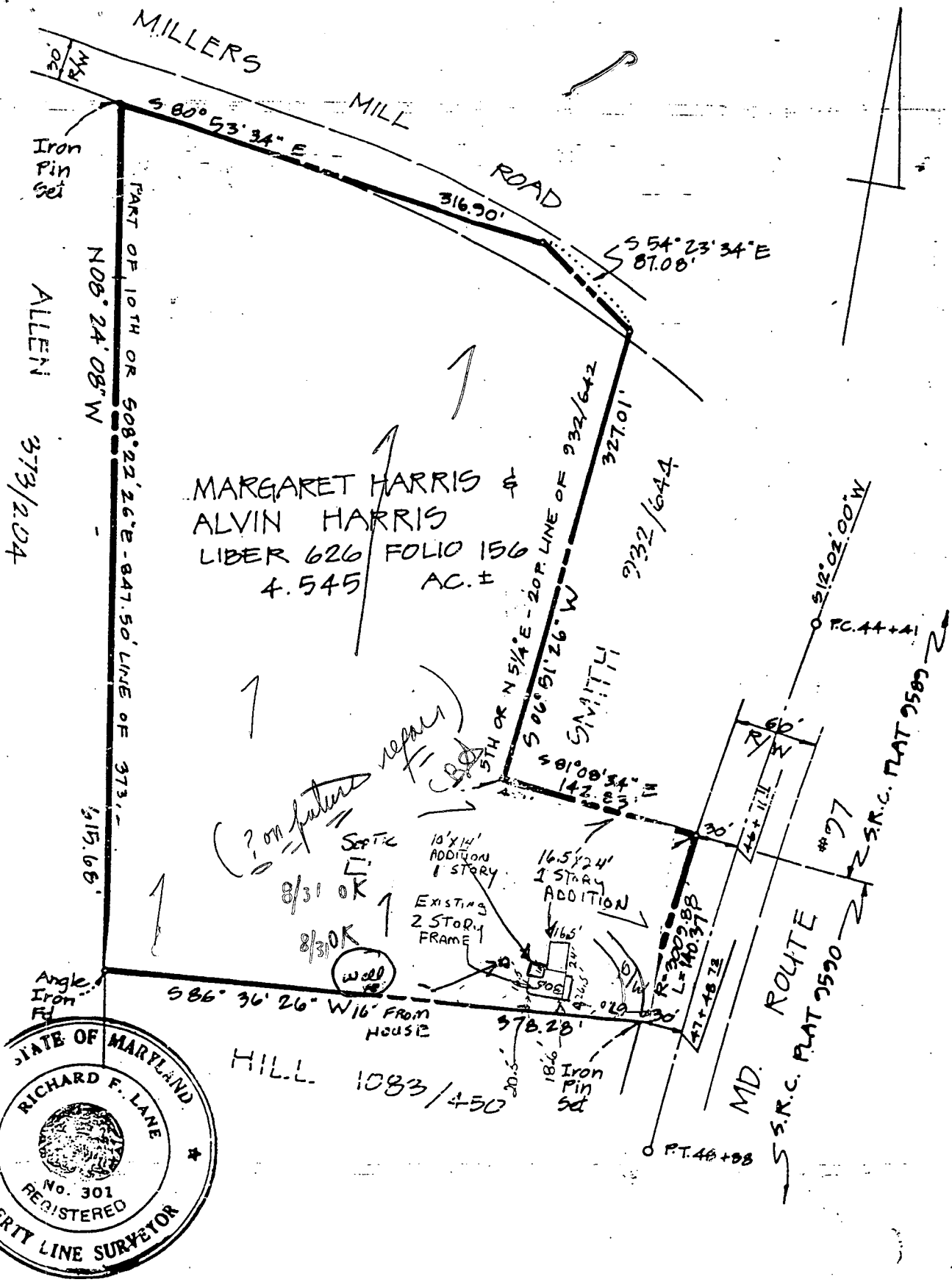
Yours truly,



Craig Williams, Director  
Water and Sewerage Program

CW:cm

cc: Avis Corbin  
Jones Construction

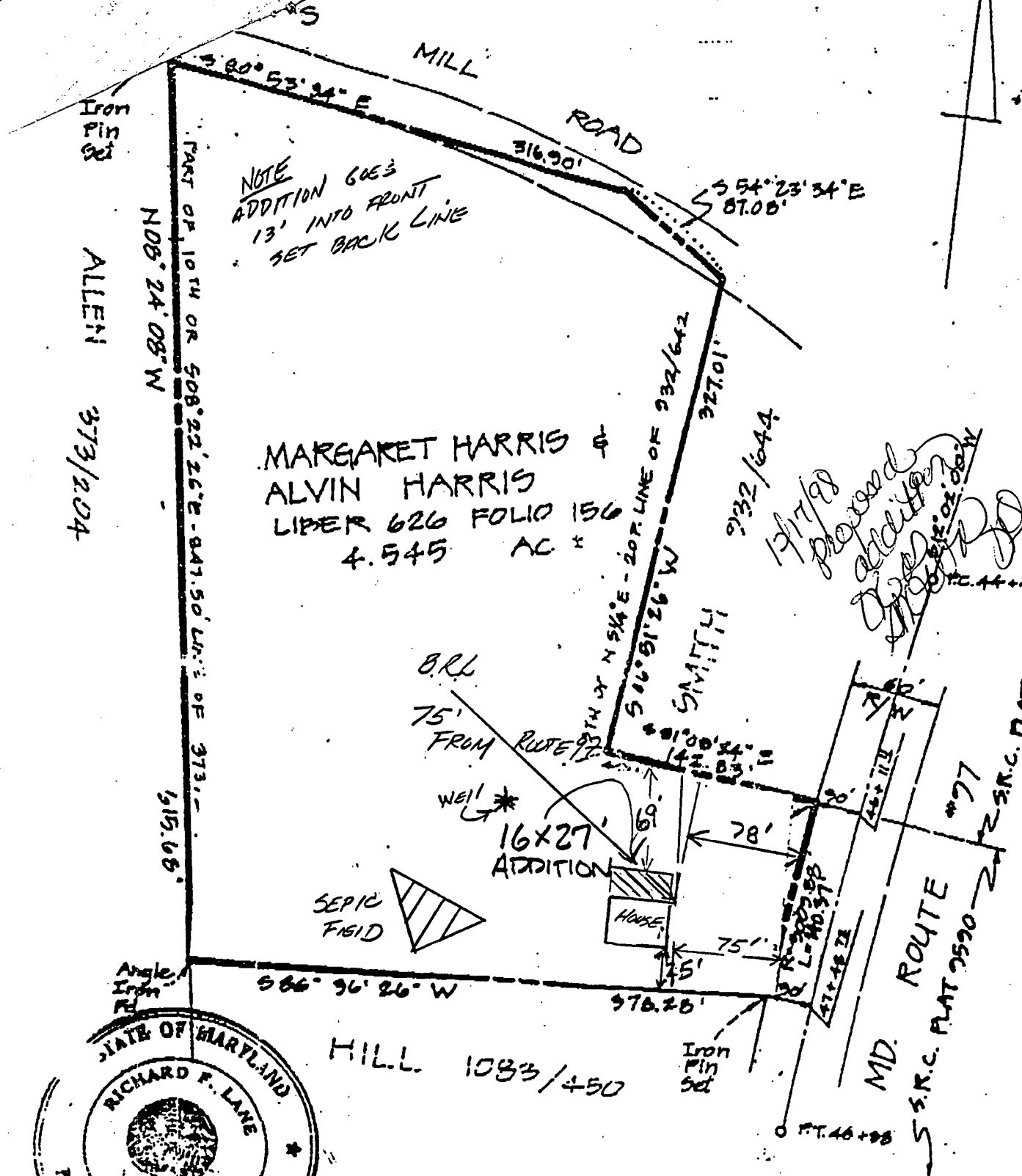


MARGARET HARRIS &  
 ALVIN HARRIS  
 LIBER 626 FOLIO 156  
 4.545 AC. ±



*Richard F. Lane* 11/9/88  
 RICHARD F. LANE  
 PROPERTY LINE SURVEYOR #301  
 SHANABERGER & LANE  
 8726 TOWN & COUNTRY BLVD. STE. 107  
 ELLICOTT CITY, MD 21043

OUTLINE PLAT OF  
**HARRIS**  
**PROPERTY**



NOTE  
ADDITION GOES  
13' INTO FRONT  
SET BACK LINE

MARGARET HARRIS &  
ALVIN HARRIS  
LIBER 626 FOLIO 156  
4.545 AC ±

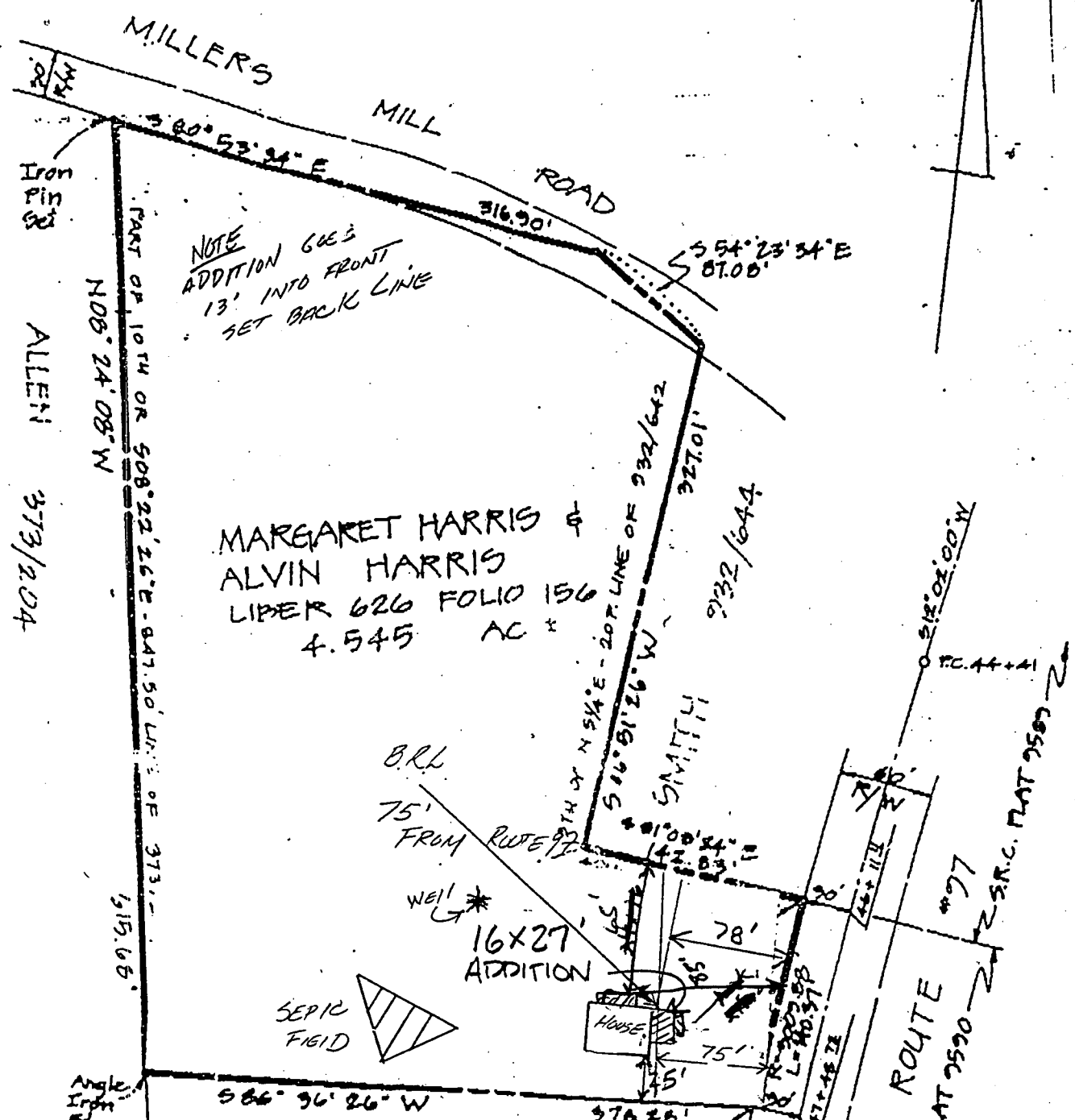
17/17/98  
Proved  
Addition  
[Signature]



1" = 100' ±  
SCALE

*Richard F. Lane* 11/9/88  
RICHARD F. LANE  
PROPERTY LINE SURVEYOR #301

OUTLINE PLAT OF  
HARRIS



NOTE  
 ADDITION GUE'S  
 13' INTO FRONT  
 SET BACK LINE

MARGARET HARRIS &  
 ALVIN HARRIS  
 LIBER 626 FOLIO 156  
 4.545 AC ±



*Richard F. Lane* 11/9/88  
 RICHARD F. LANE  
 PROPERTY LINE SURVEYOR #301

4/7/99  
 1" = 100' ±  
 SCALE  
 Proposed deck location  
 as indicated  
 OUTLINE PLAT OF PLS  
 HARRIS