

~~7/6/79~~  
~~late afternoon~~  
~~please~~

7/9/79

05-347076

approved 7/9/79  
J. Stayer

# PERMIT

P 28224  
A 23729

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 6/20/78

Mike Kastner

~~James Williams~~

IS PERMITTED TO INSTALL  ALTER

ADDRESS 12132 Route 216, Fulton, Md. 20759 PHONE 497-0854

SUBDIVISION \_\_\_\_\_ ROAD 13963 Route 108 LOT Parcel 5

PROPERTY OWNER James Williams

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS  
DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.  
SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 300 SQ. FT. total sidewall area in dry well  
INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE  
EFFECTIVE DEPTH AT 5 FT. BELOW ORIGINAL GRADE.  
LOCATE DISPOSAL AREA 135 FT. FROM right-of-way LOT LINE AND 160 FT. FROM right LOT LINE AS SEEN WHEN  
FACING LOT FROM right of way.

Trench to be 35 ft. long for a total sidewall area of 240 sq. ft. (one side of trench only.). Inlet at 3 1/4 ft. below original grade and maximum depth at 12 ft. below original grade. Effective depth on trench and dry well does not begin until 5 ft. below original grade. Come off front of dry well, run trench towards right-of-way (front of lot). Follow contour and keep trench on level ground.

PLANS APPROVED BY William W. Zepp DATE 4/18/78

- 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 TERRAZO ACCEPTED.

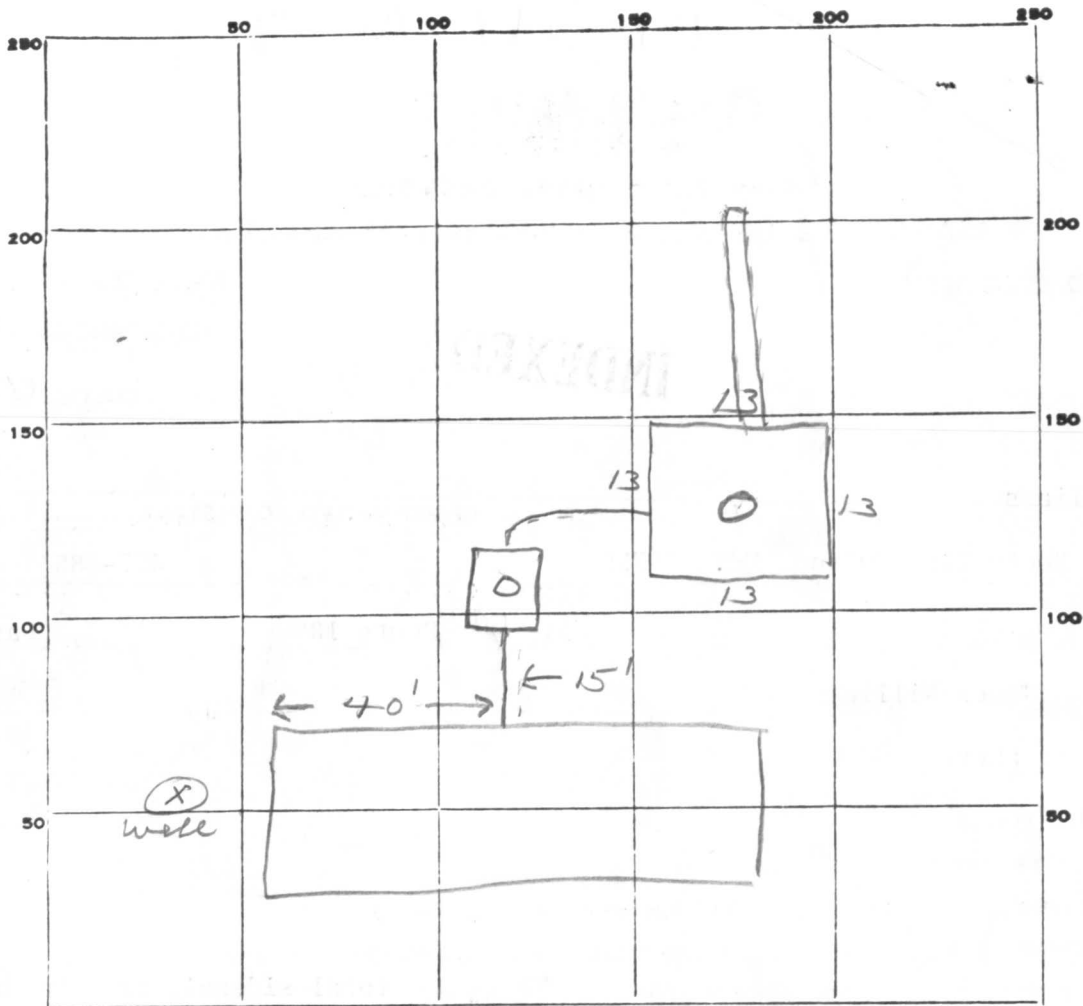
BLDG. PERMIT SIGNED  
AND RETURNED 6/27/78  
Serial No. 36157  
23729

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

A23729

35  
7  
---  
245

52  
7  
---  
364  
245  
---  
609



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS 

ST	DW
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

 Cast iron

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

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 35 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 245

SEEPAGE PITS, INSIDE DIAMETER 52 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 600+ SQ. FT.

REMARKS 7/6/79 - add clean outs + pipe from house to drywell

Dug trench - call JS

7/9/79 - OK to add gravel to trench JS

7/9/79 - OK to cover work. JS

DATE SYSTEM APPROVED 7/9/79 INSPECTOR J. Stayer

PRELIMINARY

# APPLICATION

A 23729

P \_\_\_\_\_

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

5th

DISTRICT \_\_\_\_\_

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

DATE 8/13/76

8/20/76  
1:30

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 Jerry A, Oosterhous (Elza Cox property)

ADDRESS 15701 Jera Place, Laurel, Md. 20810 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. Parcel 5

ROAD AND DESCRIPTION Route 108 almost to Mont. Co. line

SIZE OF LOT 5 acres TYPE BLDG. 3 or 4 bedrooms  
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 /s/ Jerry Oosterhous

APPROVED BY William V. Zapp FOR DW & trench DATE 4/18/78  
(KIND OF SYSTEM)

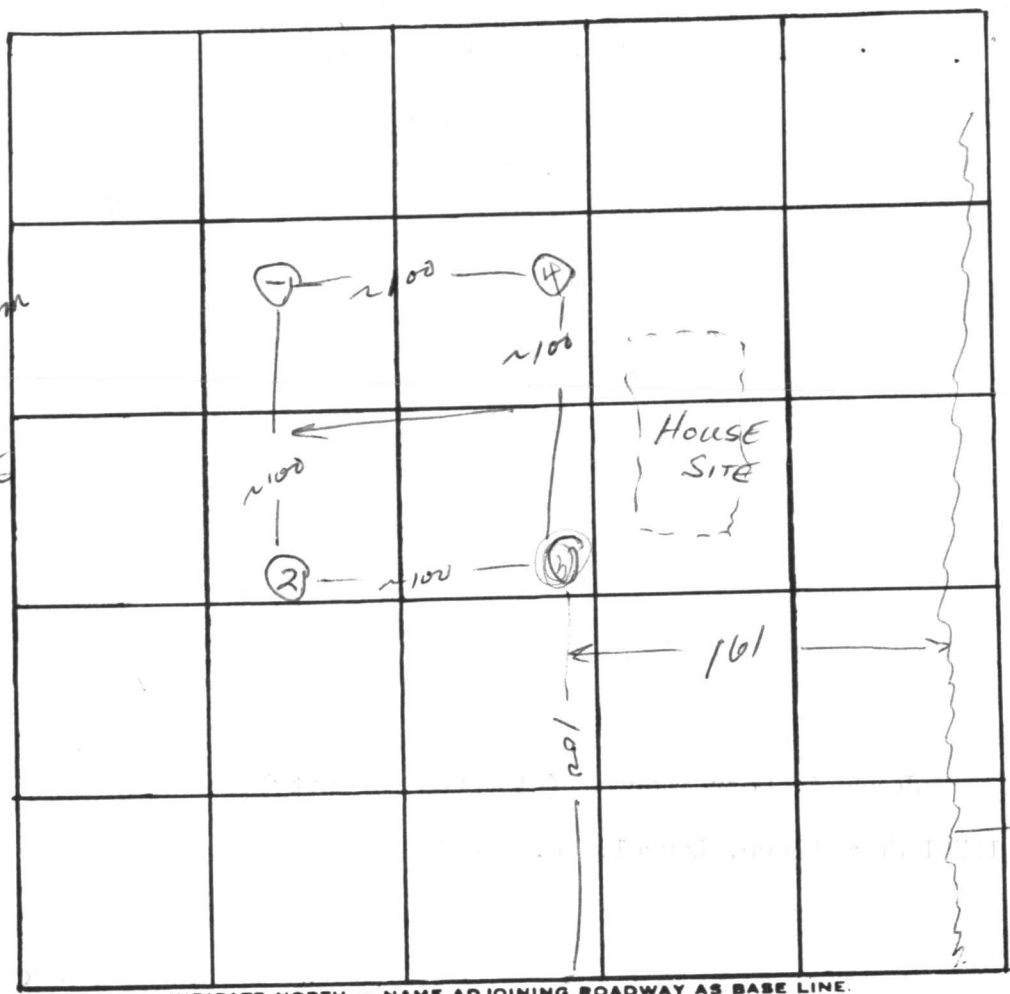
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS final plat - 10/18/76 DATE 8/23/76

REASONS FOR REJECTION OR HOLDING 4/18

# THIS IS NOT A PERMIT

0  
 ~5  
 clay  
 clayish loam  
 loose  
 gray  
 saprolite  
 14+



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

to RT 108 ← R of W. →

↑  
 N  
 Tree line

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/20/76	low 1	4 3/4	2:30	2:40	2:40	3:02	22
	1-A	15	2:27	2:30	2:30	2:35	5
	2	5	2:46	2:47	2:47	2:49	2
	2-A	14 1/2	2:43	2:46	2:46	2:51	5
high	3	5	2:58	3:04	3:04	3:15	11
	3-A	15	2:56	3:02	3:02	3:08	6
	4	14	Visual; similar				

110  
 132  
 27  
 7  
 17  
 6/5T  
 135  
 4  
 540  
 3

144  
 71300  
 5 1/2  
 6 1/2  
 36  
 2/6  
 18  
 74

REMARKS gentle slope

TYPE OF SOIL sandy loam

TESTED BY WWZ ALSO PRESENT: Osterhaus, B. Schran



SEQUENCE NO. (WRA USE ONLY) **6300**

1 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

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W 24980

DATE RECEIVED (WRA USE ONLY) \_\_\_\_\_

DATE WELL COMPLETED JAN 14 1977

DEPTH OF WELL 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 73-11888

DRILLERS IDENTIFICATION NO. \_\_\_\_\_

OWNER LAST NAME 008722 HOUSE FIRST NAME JERRY

STREET OR RFD 15711 TOWN LAUREL POST OFFICE LAUREL MD

**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	
<u>1.5 FT. TO 2.7 FT. BROWN SILT</u>			
<u>2.7 FT. TO 4.0 FT. BROWN SILT</u>			
<u>4.0 FT. TO 22.0 FT. SAND WITH WATER</u>			
<u>22.0 FT. TO 25.0 FT. SAND WITH WATER</u>			

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):  
 CEMENT  BENTONITE CLAY

NO. OF BAGS \_\_\_\_\_ NO. OF POUNDS \_\_\_\_\_

GALLONS OF WATER \_\_\_\_\_

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM \_\_\_\_\_ FT. TO \_\_\_\_\_ FT.

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE   
 PLASTIC  OTHER

MAIN CASING TYPE \_\_\_\_\_ NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) \_\_\_\_\_ TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 48

**OTHER CASING (IF USED)**

DIAMETER (INCH)	DEPTH (FEET) FROM	TO
_____	_____	_____
_____	_____	_____

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE   
 PLASTIC  OTHER

**SCREEN**

DEPTH (NEAREST WHOLE FOOT) FROM	TO
1	21
2	36
3	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  F

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

TELESCOPE CASING  LOG INDICATOR  OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 40 (NEAREST FOOT)  
 WHEN PUMPING 230 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)  
 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

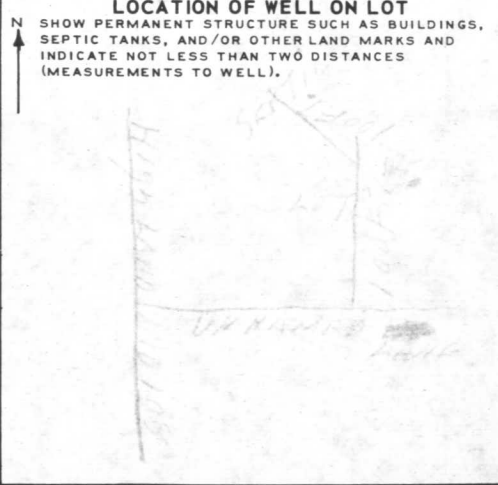
CAPACITY:  
 GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_  
 PUMP HORSE POWER \_\_\_\_\_  
 PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

LAND SURFACE

ABOVE  BELOW

\_\_\_\_\_ (NEAREST FOOT)



**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 JACK C. HARLEY

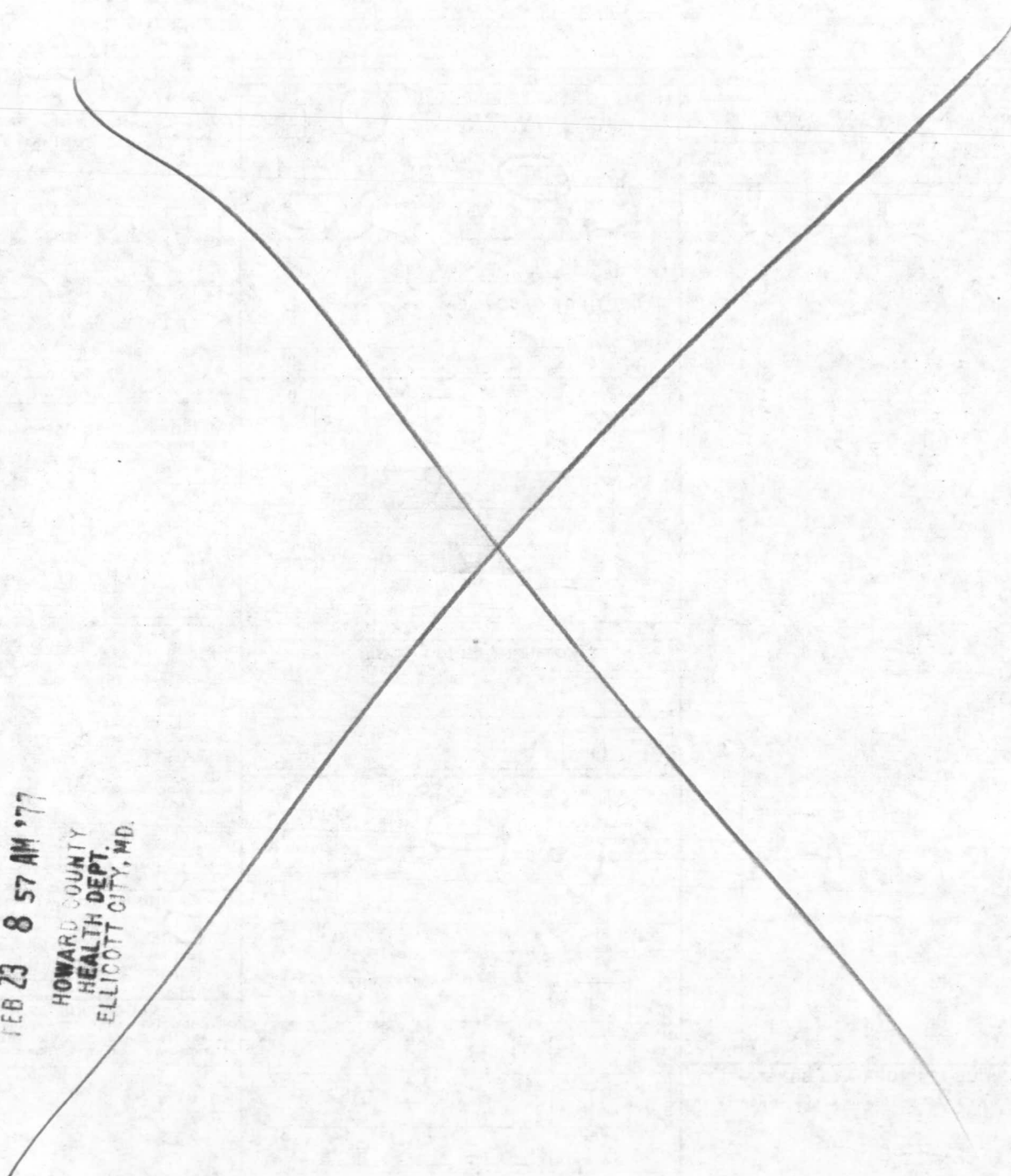
(PLEASE PRINT) JACK C. HARLEY

SIGNATURE Jack C. Harley

RECEIVED

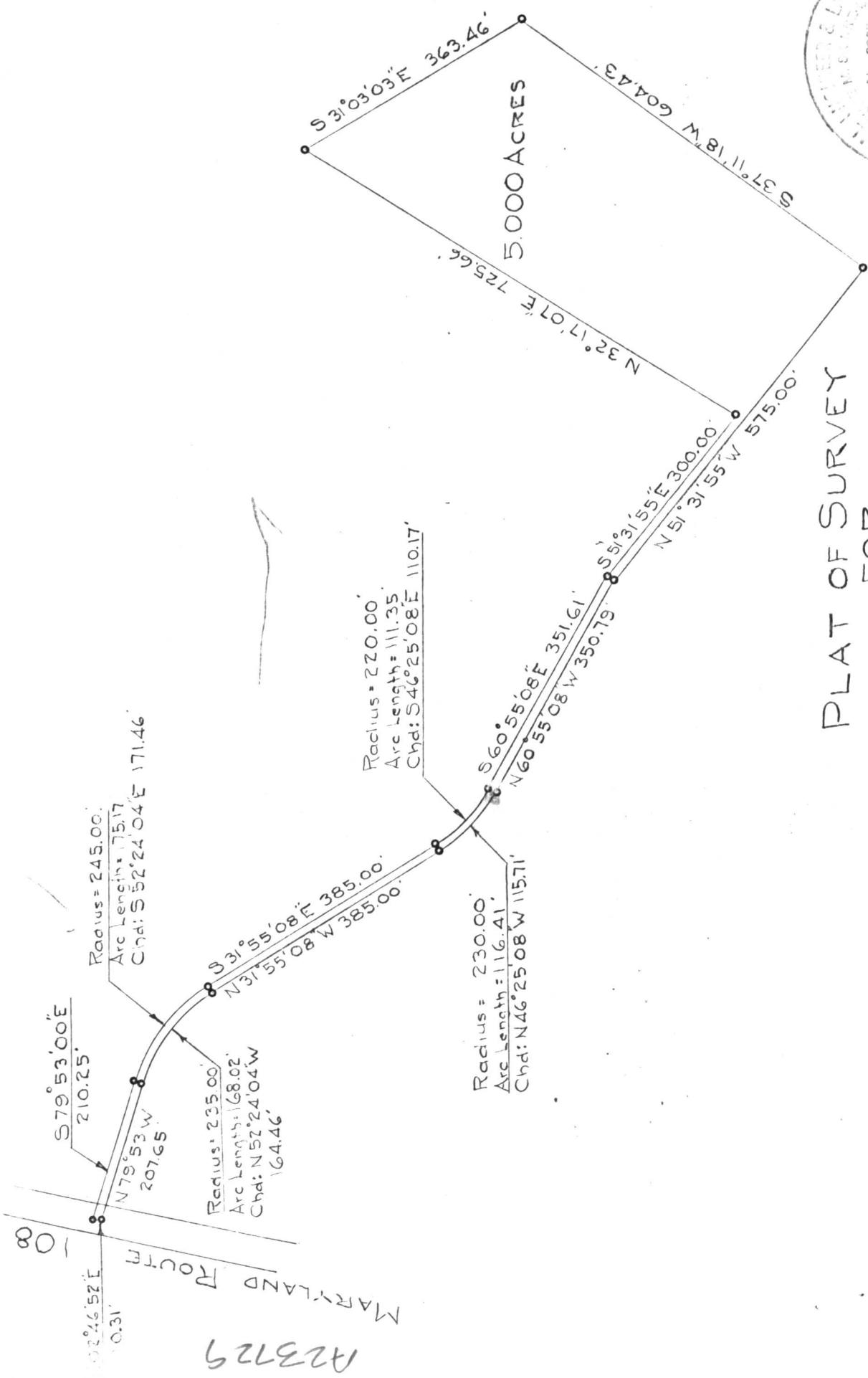
FEB 23 8 57 AM '77

HOWARD COUNTY  
HEALTH DEPT.  
ELLCOTT CITY, MD.





*James M. Henry*  
A-36525



PLAT OF SURVEY  
FOR  
E. F. COX

FIFTH ELECTION DISTRICT OF HOWARD COUNTY  
HIGHLAND, MARYLAND.  
SCALE: 1" = 200 FT. JULY 7, 1973

Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland State Health Department

Approved: Private Water and Private Sewer

*James M. Henry* 4-26-78  
Date

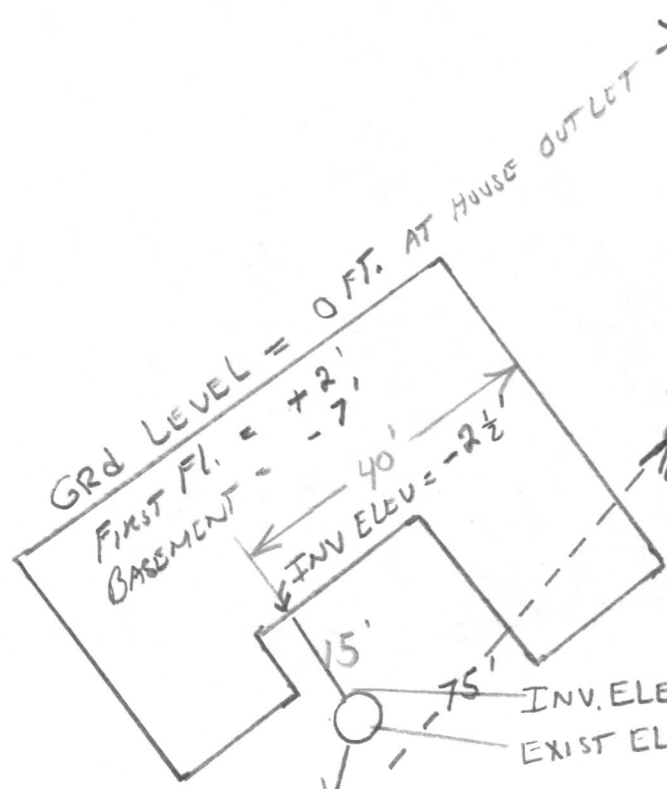
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PROPERTY LINE  
James William

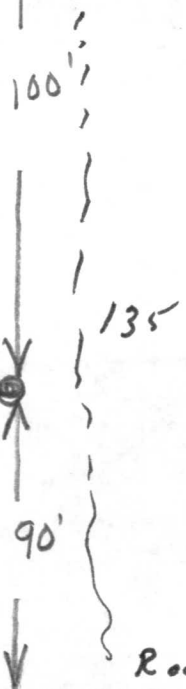
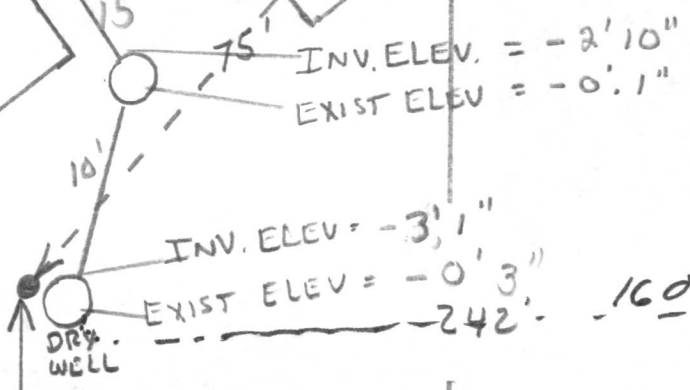
N A23729

PROPERTY LINE

PROPERTY LINE



WATER WELL EXIST ELEV = +12"  
118'



app  
6.20.78  
DW m



PROPERTY LINE