

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

04-332547

ELLICOTT CITY

DISTRICT 4th

DATE 4/14/77

4/3/78 c.o.

P 25636 <sup>Partial</sup> <sub>2/2/77</sub>

A 24919 <sup>Partial</sup> <sub>2/2/98</sub> See below c.B.D.

6/30/77  
6/24/77  
4/3/78

INDEXED

Robert G. Williams

IS PERMITTED TO INSTALL  ALTER

ADDRESS 7441 Cherry Tree Rd., Fulton, Md.

PHONE 725-0051

A SEWAGE DISPOSAL SYSTEM LOCATED AT

1/19/79 P.C.O.

SUBDIVISION ROAD 16146 Ed. Warfield Road LOT 17A

PROPERTY OWNER Robert G. Williams **BUILDING PERMIT SIGNED**

**AND RETURNED**

ADDRESS same as above

77-04 ROOM #1133 - 9' Fence

SPECIFICATIONS 3 bedrooms

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL-to have 170 sq. feet effective absorbent sidewall area per bedrooms below inlet. Inlet to be 3 1/2 feet below original grade and maximum depth 12 feet. Location: 35 feet in from left property line and 317 feet from front property line when facing lot from road-(Perc hole 1 + 2) or dry well & trench: if trench is used, need: 1. 5 feet earth buffer between dry well & trench  
2. 2 inspections on trench before and after gravel in trench.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPES ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES

PLANS APPROVED BY Charles B. Streaker DATE 1/28/77

IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

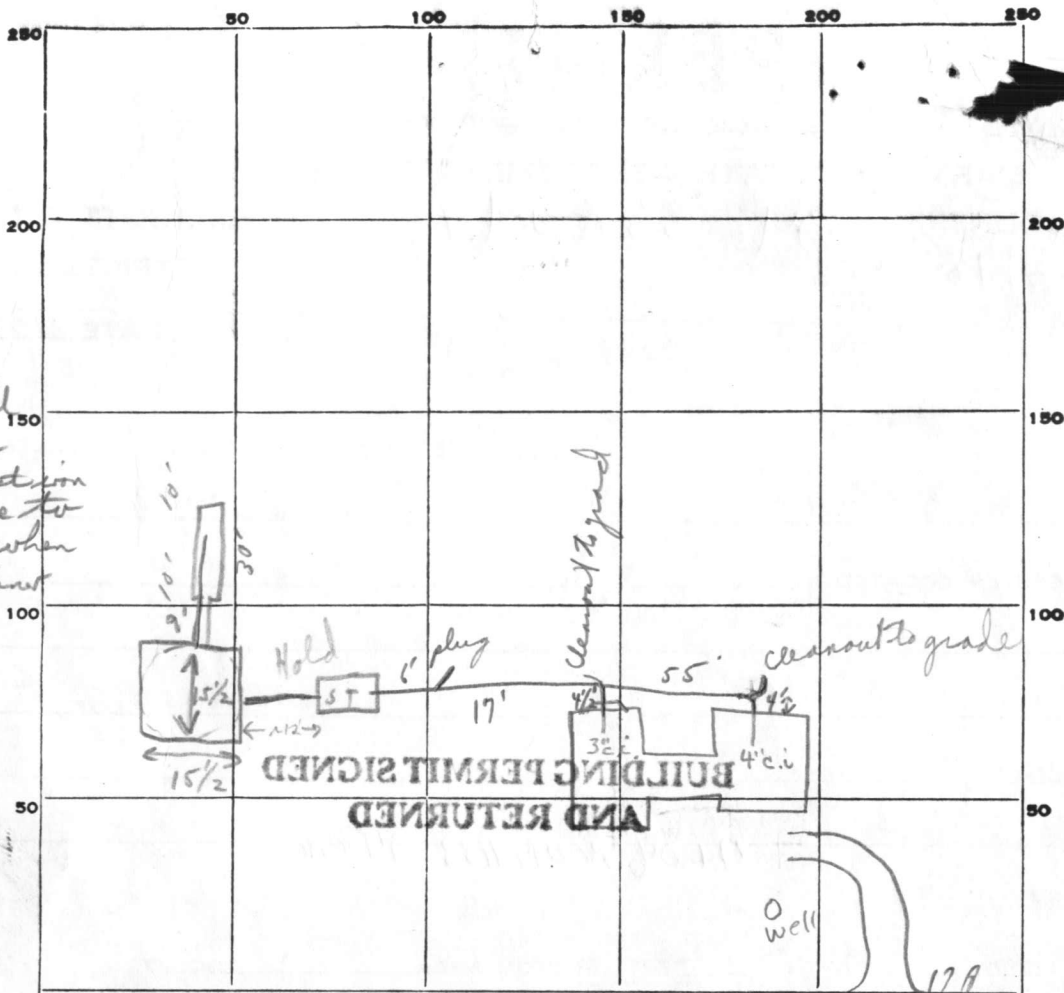
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

2/2/78 <sup>partial & stop all work</sup> Cleanout cap broken at septic tank. Unapproved plastic pipe from house to tank. Still working on system. c.B.D.

1/19/79 File in unapproved file and uninspected for final. c.B.D.

61619



6/30/77 O.K. to cover trench; call for final inspection of system and cast iron pipe from house to septic tank when ready. F. Skinner

13 1/2  
4 1/2  
9'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD V630 W.S. & F.S. Stop all work 2/2/78 + continue C.B.D. 6/24/77

SEPTIC TANK, LEVEL ok CLEANOUTS Not approved S.T. / D.W. Not approved ok Not approved

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

TILE-FIELD, DEPTH 10 FT. TRENCH WIDTH \_\_\_\_\_ FT.

GRAVEL DEPTH 5-7 FT. TOTAL LENGTH 30 FT. 0, 50

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA ~150 1/2 SIDEWALL

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET 9 FT. 62 510 558

ABSORBENT AREA 708 ± SQ. FT.

REMARKS 4/22/77 Water Well in - no house yet. (Cleanouts not approved orange lines) No pipe from house to tank; orange line from tank to dry well - hold for supervisor!! ok for gravel in trench. C.B.D. 4/25/77 Mr Williams called - he is to pull orange line out and put in cast iron from house to tank + tank to dry well. C.B.D. 6-24-77 Cast iron from tank to dry well; Note plastic from tank towards house - stop all work. No gravel in trench.

DATE SYSTEM APPROVED 4/3/78 INSPECTOR \_\_\_\_\_

# APPLICATION

A \_\_\_\_\_

P \_\_\_\_\_

## 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: 465-5000, EXT. 356

DISTRICT 4th

DATE 12/2/76

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 Mordecai Hosen Robert Williams

ADDRESS Woodbine, Maryland any questions call: Louise  
PHONE Adams 531-5458 or  
286-2336

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 17A

ROAD AND DESCRIPTION Ed Warfield Road

SIZE OF LOT 2.717 acres TYPE BLDG. 3or 4  
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/ Louise H. Adams BLDG. PERMIT SIGNED AND RETURNED 4/4/77  
Serial # 30936-

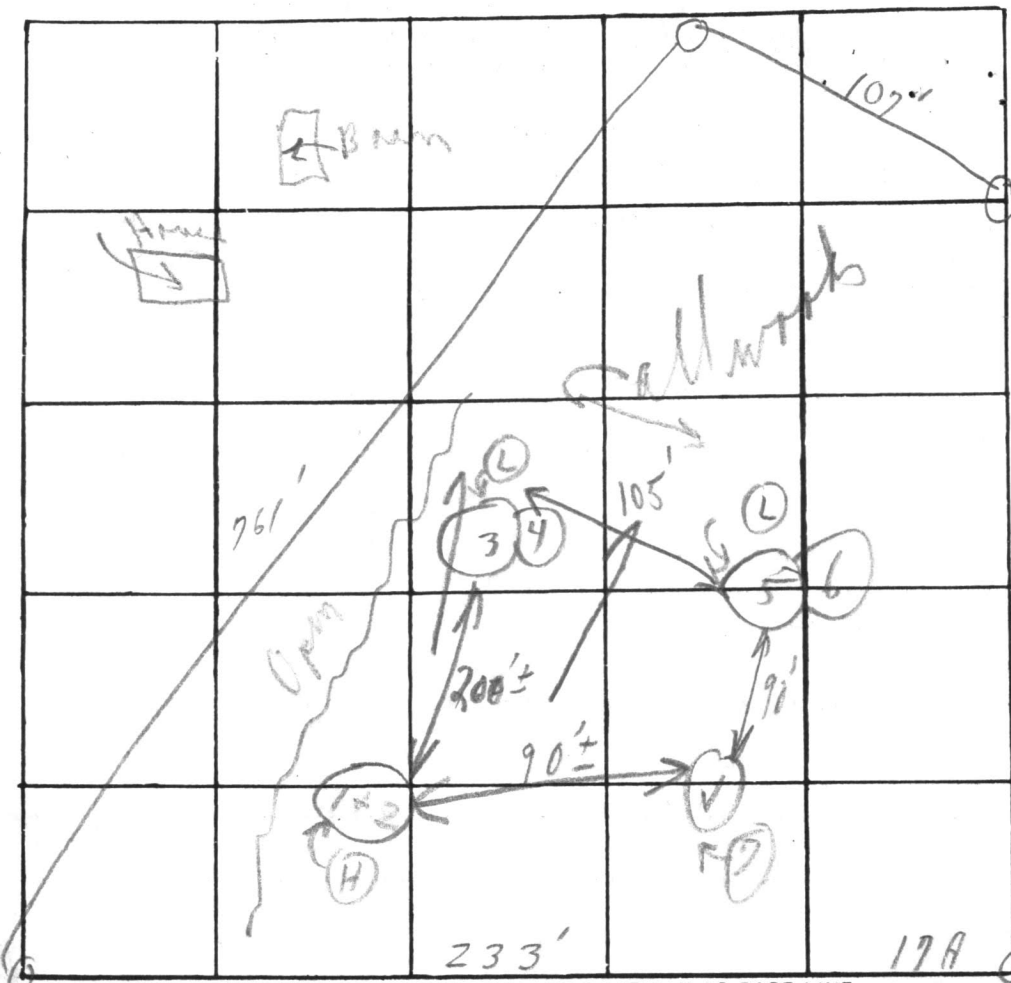
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

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

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

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Ed Warfield Road

Closeette Florence Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/19/77	1	3 1/2' s	1:21	1:28	1:28	1:44	16m	
	2	13' p	1:22	1:24	1:24	1:38	14m	
	3A	4 1/2' s	1X:50	1X	1X	1X	at 2:15 no pipe pulled peg	
	4	12 1/2' p	1:46	1:47	1:47	1:49	2m	
	5	4 1/2' s	1:37	1:40	1:40	1:45	5m	
	6	13' o	1:36	1:52	1:52	2:21	29m	
	7		(Visual similar to others)					
	3B	26' s	3:30	3:32	3:32	3:35	3m	
		(5' good soil start)						

Soil Profile

(Loam  
below  
clay)

15m  
average

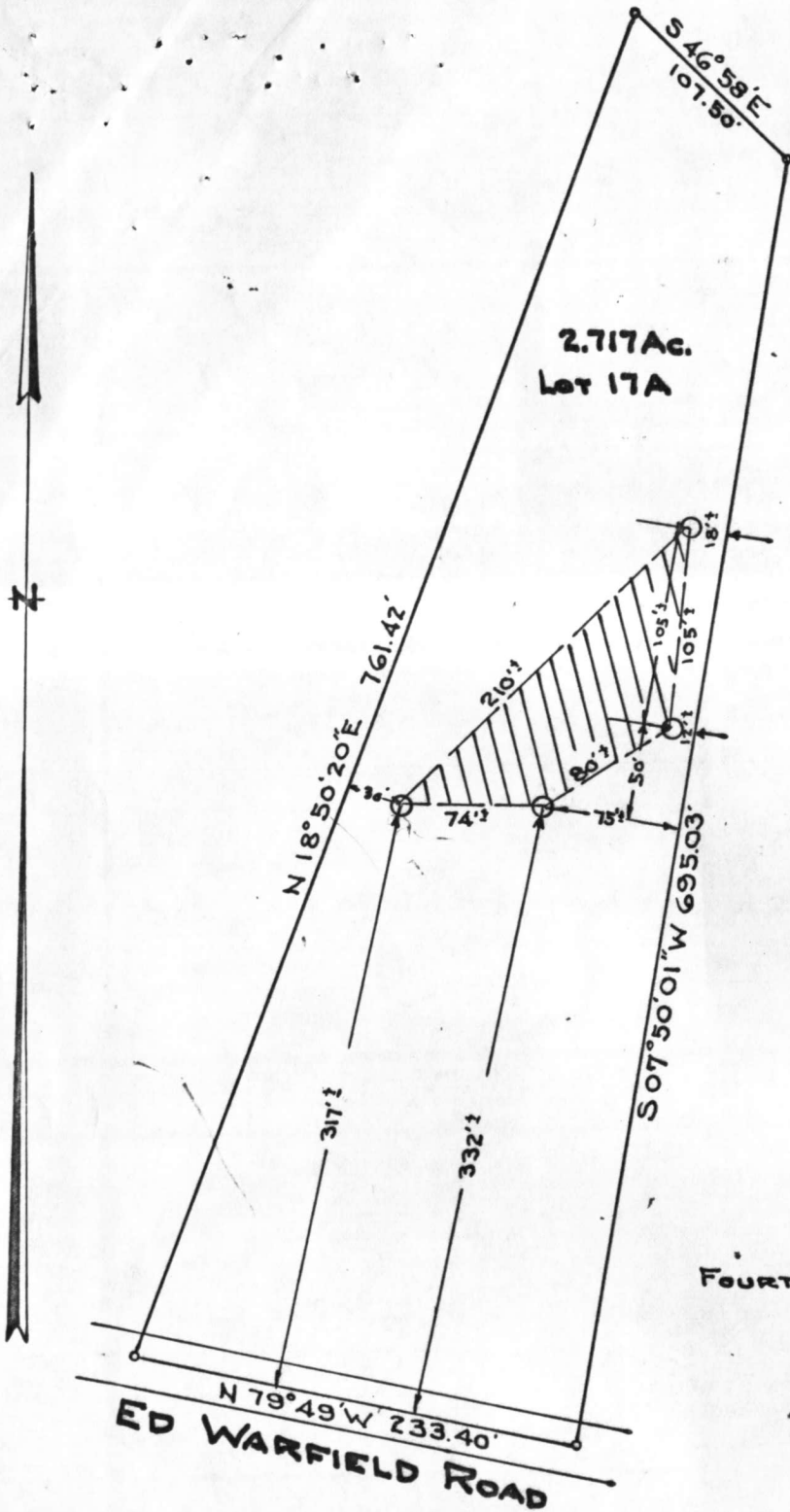
lowest  
shelf

REMARKS (Cold + Lot wooded all holes in woods)

TYPE OF SOIL

TESTED BY e B S

ALSO PRESENT: Dick + Don



LOCATION SURVEY  
 FOR  
**ROBERT WILLIAMS**  
 FOURTH ELECTION DIST., HOWARD COUNTY  
 WOODBINE, MARYLAND.  
 SCALE: 1 IN. = 100 FT. JAN 26, 1977

○ Percolation test hole as located on ground.  
 Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland State Dept. of Health & Mental Hygiene.

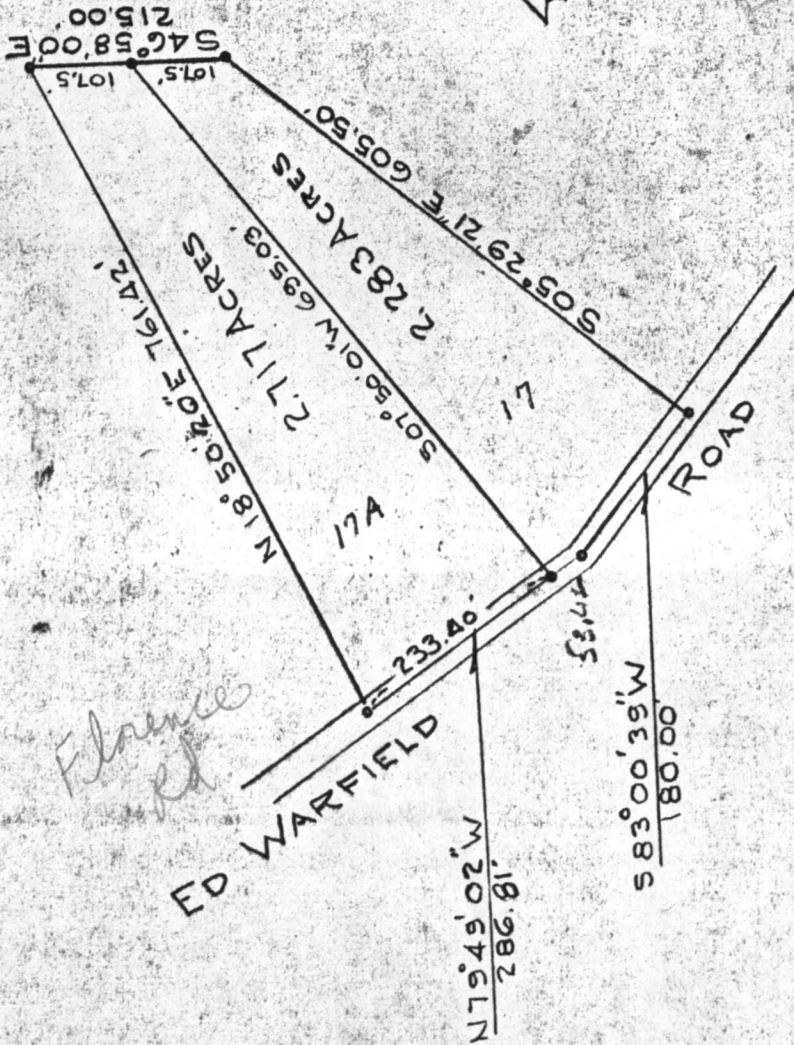
Approved: Private Water & Private Sewer

*Jay W. Ford* MD 1-27-77  
 Howard County Health Officer Date



*Robert E. Eder*

5,000 ACRES



*Florence*

ED WARFIELD

ROAD

531-5458  
00286-2336

PLAT OF SURVEY

FOR

MORDECAI HOSEH  
FOURTH ELECTION DISTRICT, HOWARD COUNTY

WOODBINE, MARYLAND.

JANUARY 31, 1973.

SCALE: 1 IN. = 200 FT.

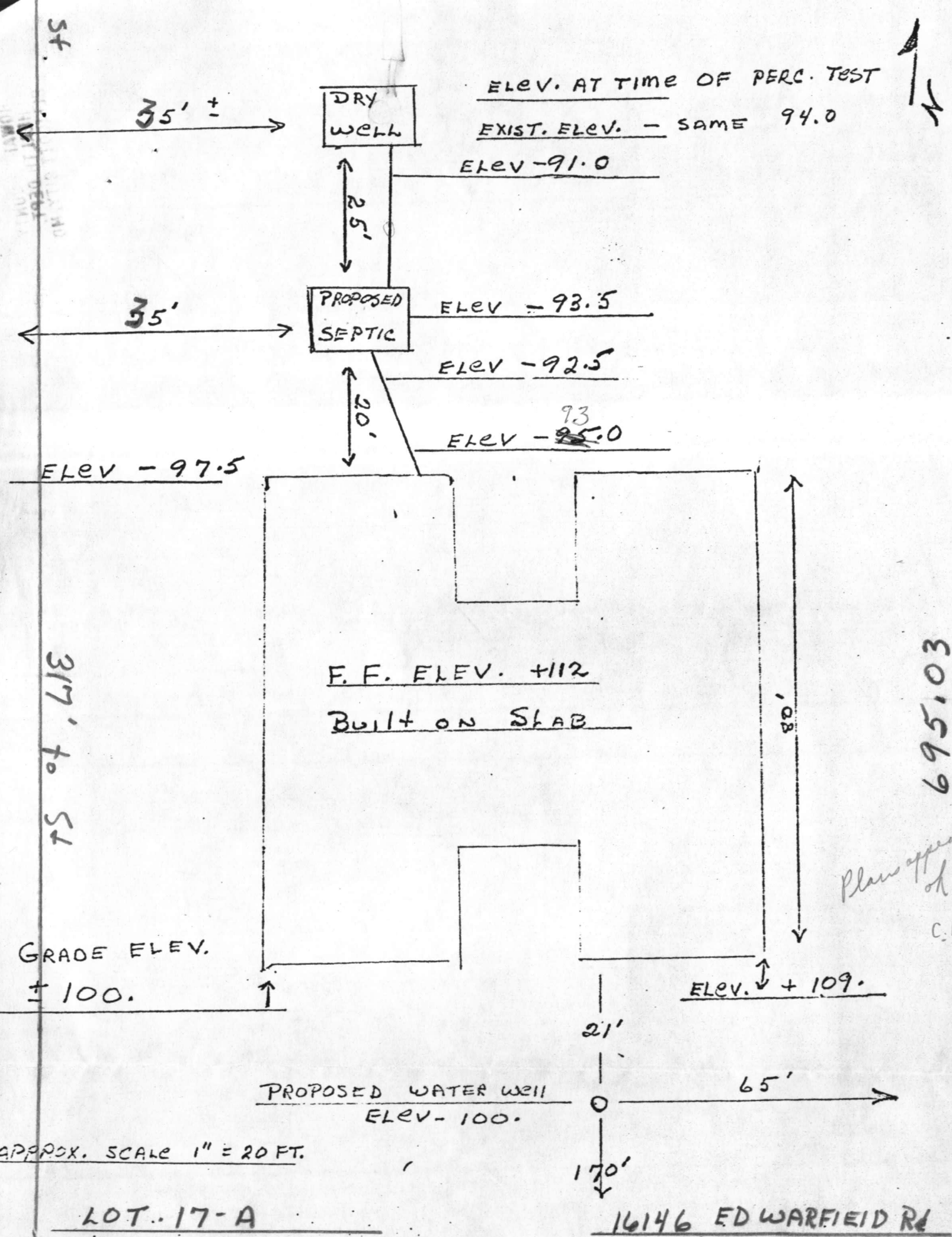
*Claude M. Skinner, Jr.*

Claude M. Skinner, Jr.  
Reg. Professional Engineer &  
Land Surveyor No. 7237



Note: Plat revised 2/5/75  
to show 2.717 Acre lot.

*CM Skinner*



APPROX. SCALE 1" = 20 FT.

LOT. 17-A

16146 EDWARFIELD Rd

695.03

Plans appear of C.B.D.

C 1 **6578** 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

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 4-1-77 DEPTH OF WELL 145 PERMIT NO. FROM "PERMIT TO DRILL WELL" #10-73-1869

DATE WELL COMPLETED 4-1-77 (TO NEAREST FOOT) 22 26

8-13 15 20

DRILLERS IDENTIFICATION NO. 42

OWNER Williams, Robert LAST NAME FIRST NAME

STREET OR RFD 7441 CHERRY TREE DR. POST OFFICE FULTON, 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	
TOP SOIL	0	3	
SHALEY	3	20	
Brown slate	20	80	
Blue slate	80	145	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX) 44

CEMENT  C M BENTONITE CLAY  B C

NO. OF BAGS 4 NO. OF POUNDS 400

GALLONS OF WATER 20

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 20 FT. (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

CASING TYPES

INSERT APPROPRIATE CODE BELOW

S T STEEL  C O CONCRETE

P L PLASTIC  O T OTHER

MAIN CASING TYPE  S T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 36

**OTHER CASING (IF USED)**

DIAMETER (INCH) DEPTH (FEET) FROM TO

E A C H C A S I N G

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

S T STEEL  B R BRASS OR BRONZE  H O OPEN HOLE

P L PLASTIC  O T OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM TO

1 40 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  68 F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

T 70 LOG TELESCOPE CASING

W Q 72 LOG INDICATOR

74 75 76 OTHER DATA AVAILABLE

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT) 17 20

WHEN PUMPING 195 (NEAREST FOOT) 22 25

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR  P PISTON  T TURBINE

C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)

J JET  S 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 } LAND SURFACE

BELOW } 2 (NEAREST FOOT) 49 50 51

**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 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

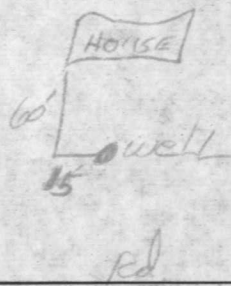
P TEST WELL CONVERTED TO PRODUCTION WELL

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

(PLEASE PRINT) L. F. Easterday

SIGNATURE L. F. Easterday



FOR  
PERMIT

8' High  
Fence  
8" ABOVE  
GRADE

7/1/04 BOO149133  
Plans to Scale  
No septic  
well issues  
(KN)

FENCE INSTALL  
10'6" FROM  
PROPERTY  
LINE  
(SIDE)

AT LEAST  
50' FROM  
ROAD  
(FRONT)

