

*4/27/78 touch  
a.m. of 1978*

*File*

# PERMIT

P 27868  
27868  
A 21998

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

*5/1/78  
final*

INDEXED

DISTRICT 412

INDEXED 04-332415

DATE 4/14/78

Bud Arnold

IS PERMITTED TO INSTALL ALTER X

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION (Middle Trails) ROAD 16329 Old Frederick Rd. LOT 21A

PROPERTY OWNER United Builders John Thomas Hoffman

ADDRESS \_\_\_\_\_

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD 7 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

DRY WELL - 4 ft. inlet, maximum depth 10 ft. and at least 300 sq. ft. is needed in the dry well if dry well and trench are used. Locate the dry well 15 ft. from the left side line and 100 ft. from the rear lot line as seen when facing the property from Old Frederick Rd.  
TRENCH - 4 ft. inlet, maximum depth 10 ft., 40 ft. long and 240 sq. ft. sidewall area.  
If dry well & trench are used keep trench parallel to the slope on level ground. Cap off dry well with 20 ft. of cast iron pipe, install a "tee" and keep trench on the 749 ft. contour as seen on certified plat.

PLANS APPROVED BY Frank Skinner DATE 12/22/75

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.

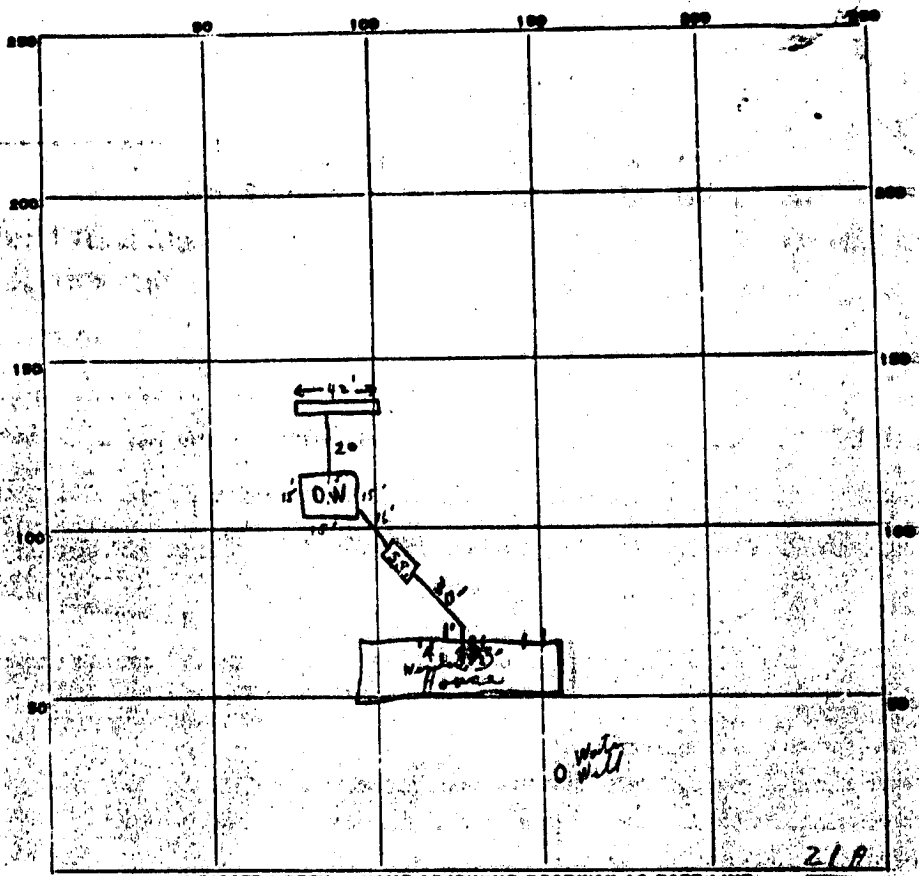
*ALOW PERMIT SIGNED  
AND RETURNED 8-5-98  
Serial # 430113405  
reinst. exterior deck*

*21998*

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

HD - 23 NOTE: TRENCHES NOT TO BE CONNECTED IN SERIES. MUST USE DISTRIBUTION BOX OR T'S AND CONNECT TO END NEAREST SEPTIC TANK.

*27868*



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

*Old Frederick Rd.*

*Z.L.P.*

*W. 1/2*

PERMIT CARD  *OK* *S.T. D.W.*

SEPTIC TANK, LEVEL *OK* CLEANOUTS

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

TILE FIELD, DEPTH *10 1/2* FT. TRENCH WIDTH *2* FT.

GRAVEL DEPTH *7* IN. TOTAL LENGTH *66* FT. *42' seen on the paper 0.294*

NUMBER OF TRENCHES *1* TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS: INSIDE DIAMETER *60* FT. DEPTH BELOW INLET *6* FT. @ *360'*

ABSORBENT AREA *654* SQ. FT.

REMARKS: *4/27/78 TSD: OK to add stone to trench & complete system. Call for final.*  
*5/1/78 <sup>and</sup> of trench paper on trench to 3 1/2' of grade.*

DATE SYSTEM APPROVED *5/1/78* INSPECTOR *C. R. [Signature]*

4-13' Lales  
# 10,000 ft.

# APPLICATION

A 21998

*Preliminary*

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 478, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 463-5800, EXT. 356

DISTRICT A

DATE 8/20/75

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 Howard Associates

ADDRESS Suite 118, Teachers Bldg., Columbia, Md. PHONE 730-7732

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 21A

ROAD AND DESCRIPTION Old Frederick Road

SIZE OF LOT 1.126 acres TYPE BLDG. 3 of 4

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_  
NUMBER OF BEDROOMS  
(Single Fam. Dellig.)

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

BLDG. PERMIT SIGNED  
AND RETURNED 2/3/78  
Serial # 34123

SIGNATURE OF APPLICANT 1st Joel Abrahamson

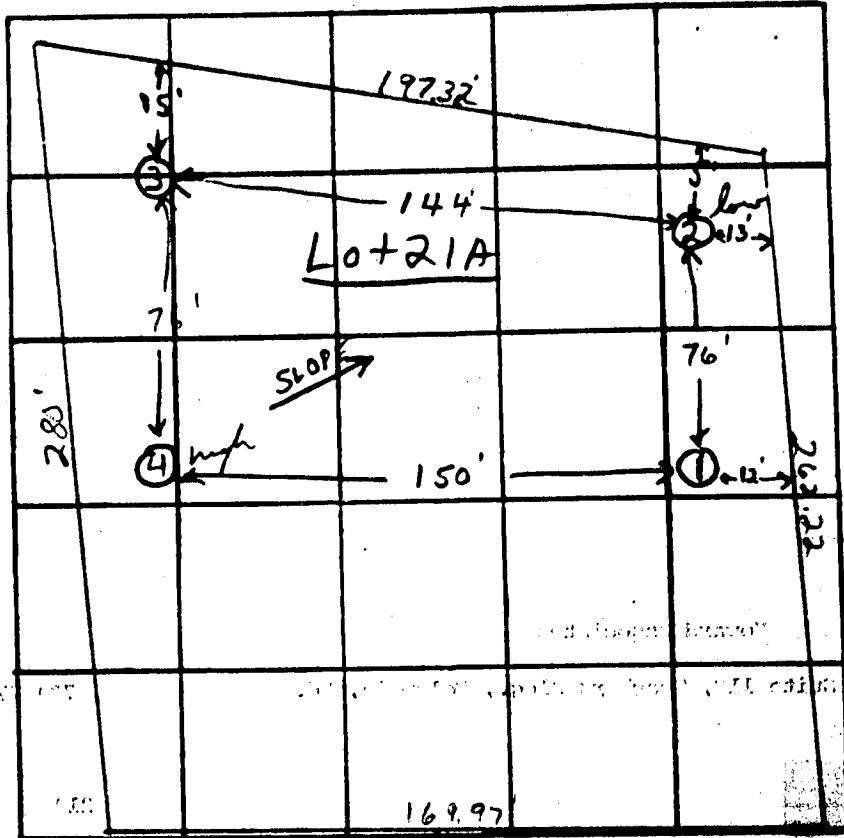
✓ APPROVED BY Frank Shiner FOR Drywell & trench DATE 12/22/75  
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS per OK J.S. & AGN. DATE \_\_\_\_\_

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

## THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Old Fredrick Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/7/5	1	5'	11:56	12:20	12:20	Failed 1st	12:00
	1A	13'	11:53	11:54	11:59	12:19	20 min
	2	4 1/2'	12:17	12:23	12:23	12:37	14 min
	2A	12 1/2'	12:20	12:23	12:23	12:28	5 min
	3	11'	12:35	12:37	12:37	12:41	4 min
	4 high	3 1/2'	12:42	1 1/4 drop in 15 min			10 min
	4A	13 1/2'	12:46	12:50	12:50	12:57	7 min
	15	6'	2:04	-	Failed 1st	park	11:30 min
	45	9'	2:07	2:07	2:07	2:17	5 min
	15'	7'	2:44	2:54	2:54	3:08	14 min

10 min dry.  
 ins. 4" gap  
 max depth 10'  
 135 sq. ft / 2R

REMARKS 10 min 5 & 10' note original dry well 4 to 5' S.S.

TYPE OF SOIL clay loam to sandstone & shale below top 10' of soil

TESTED BY F.S. D. II ALSO PRESENT: Leubin & crew

C 1 4486  
WELL NUMBER (SEQ. NO.)  
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 2-6 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)  
DATE WELL COMPLETED 2/12/78  
DATE WELL COMPLETED

DEPTH OF WELL 165  
22 (TO NEAREST FOOT) 20

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
40-70-4486  
20 20 30 31 32 32 33 33 34 34

OWNER UNITED BUILDERS  
LAST NAME  
STREET OR RFD 20030 CENTURY BLVD.  
POST OFFICE GERMANTOWN, MD. 2067

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	
SHALE	3	20	
SHALE	20	53	
BROWN SLATE	53	75	
GREEN SLATE	75	120	
Blue SLATE	120	165	

GROUTING RECORD  
WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  
TYPE OF GROUTING MATERIAL (CIRCLE BOX)  
CEMENT (C M) BENTONITE CLAY (B C)  
NO. OF BAGS 13 NO. OF POUNDS 1300  
GALLONS OF WATER 65  
DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
FROM 0 FT. TO 57 FT.  
(ENTER 0 IF FROM SURFACE)

CASING RECORD  
CASING TYPES (INSERT APPROPRIATE CODE BELOW)  
STEEL (S T) CONCRETE (C O)  
PLASTIC (P L) OTHER (O T)  
MAIN CASING TYPE (S T) NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 DEPTH OF MAIN CASING (NEAREST FOOT) 163

OTHER CASING (IF USED)  
DIAMETER (INCH) DEPTH (FEET) FROM TO  
SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)  
STEEL (S T) BRASS OR BRONZE (B R) OPEN HOLE (H O)  
PLASTIC (P L) OTHER (O T)

SCREEN RECORD  
DEPTH (NEAREST WHOLE FOOT) FROM TO  
1 11 165  
2 22 24 20 30 32 30  
3 38 39 41 46 47 51  
SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 18 60 (NEAREST INCH) FROM TO  
GRAVEL PACK  
IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) P

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
TELESCOPE CASING (T) LOG INDICATOR (L) OTHER DATA AVAILABLE (O)

PUMPING TEST  
HOURS PUMPED (TO NEAREST HOUR) 2  
PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5  
METHOD USED TO MEASURE PUMPING RATE BUCKET  
WATER LEVEL (DISTANCE FROM LAND SURFACE)  
BEFORE PUMPING 40 (NEAREST FOOT)  
WHEN PUMPING 165 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)  
AIR (A) PISTON (P) TURBINE (T)  
CENTRIFUGAL (C) ROTARY (R) OTHER (O)  
JET (J) SUBMERSIBLE (S)

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 (Y) NO (N)  
CAPACITY:  
GALLONS PER MINUTE (TO NEAREST GALLON) 31 31  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

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

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).  
House  
10' well  
rd

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

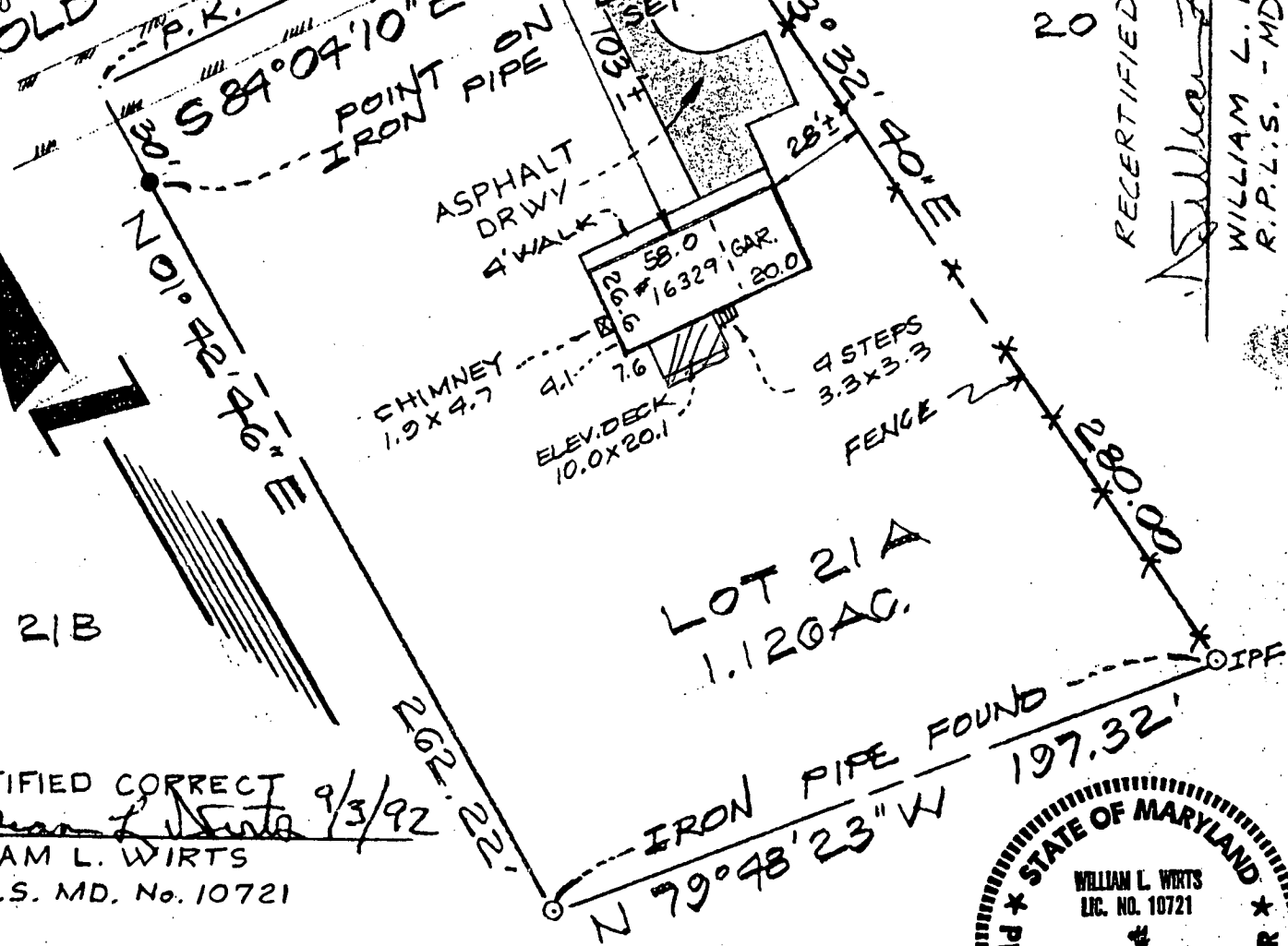
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.  
DRILLER'S NAME  
SIGNATURE  
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)



PROPOSED DECK OK  
 NO IMPACT  
 OK TO PROCEED #16329

MR  
 8/5/98

OLD FREDERICK ROAD  
 P.K. NAIL FOUND

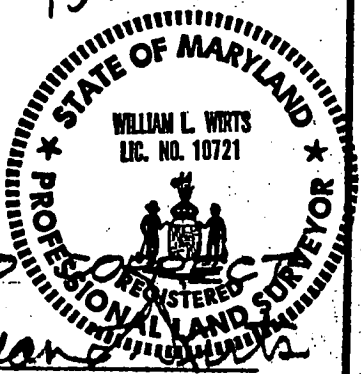


RECERTIFIED CORRECT  
 WILLIAM L. WIRTS  
 R.P.L.S. - MD. #10721

RECERTIFIED CORRECT  
 9/3/92  
 WILLIAM L. WIRTS  
 R.P.L.S. MD. No. 10721

FINAL HOUSE LOCATION  
 LOT 21A  
 MIDDLE TRAIL  
 FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MD.

RECERTIFIED  
 9/24/81  
 WILLIAM L. WIRTS  
 R.P.L.S. MD. #10721



**SURVEYOR'S CERTIFICATE**

I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments. **THE HOUSE DOES NOT LIE WITHIN A FLOOD HAZARD AREA.**

*William L. Wirts*  
 WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721

**Tri-County Surveys, Inc.**

BOX 55 • DAMASCUS, MARYLAND 20750 (301) 253-3591  
 LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES

REFERENCE	Drawn by <i>W/LW</i>	Checked by
Plat Book Plat No.	Date 2-27-81	Record No. BK. 90
	Scale 1" = 50'	25-35

NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fence, building or other improvements. No responsibility is extended herein to future purchasers.