

Approved (GLK)  
17 Oct 78

0 P.C.O.  
18159

10/13/78  
10/19/78

# PERMIT

P 28977  
28977  
A 18159

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY 04-339177

ELLICOTT CITY  
DISTRICT 4th  
DATE 10/4/78

INDEXED

Fred Dickson IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 442-1097

SUBDIVISION Green Meadows ROAD 2510 Hobbs Road LOT 2

PROPERTY OWNER Gordon Stafford

ADDRESS 1083 Pikeston Place, Rockville, Md. 20854 Phone: \_\_\_\_\_

SPECIFICATIONS 5 bedrooms 1250

SEPTIC TANK CAPACITY ~~1500~~ 1250 GALLONS

BLDG. PERMIT SIGNED  
AND RETURNED 10/2/78  
Serial No. 41500  
Pole Barn

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 2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 6 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

Four (4) 50 foot trenches. Use distribution box. Run trenches across knoll 300 ft. from rear and 230 ft. from right lot line.

PLANS APPROVED BY David J. O'Neill DATE 5/15/78

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 TERRA COTTA ACCEPTED.

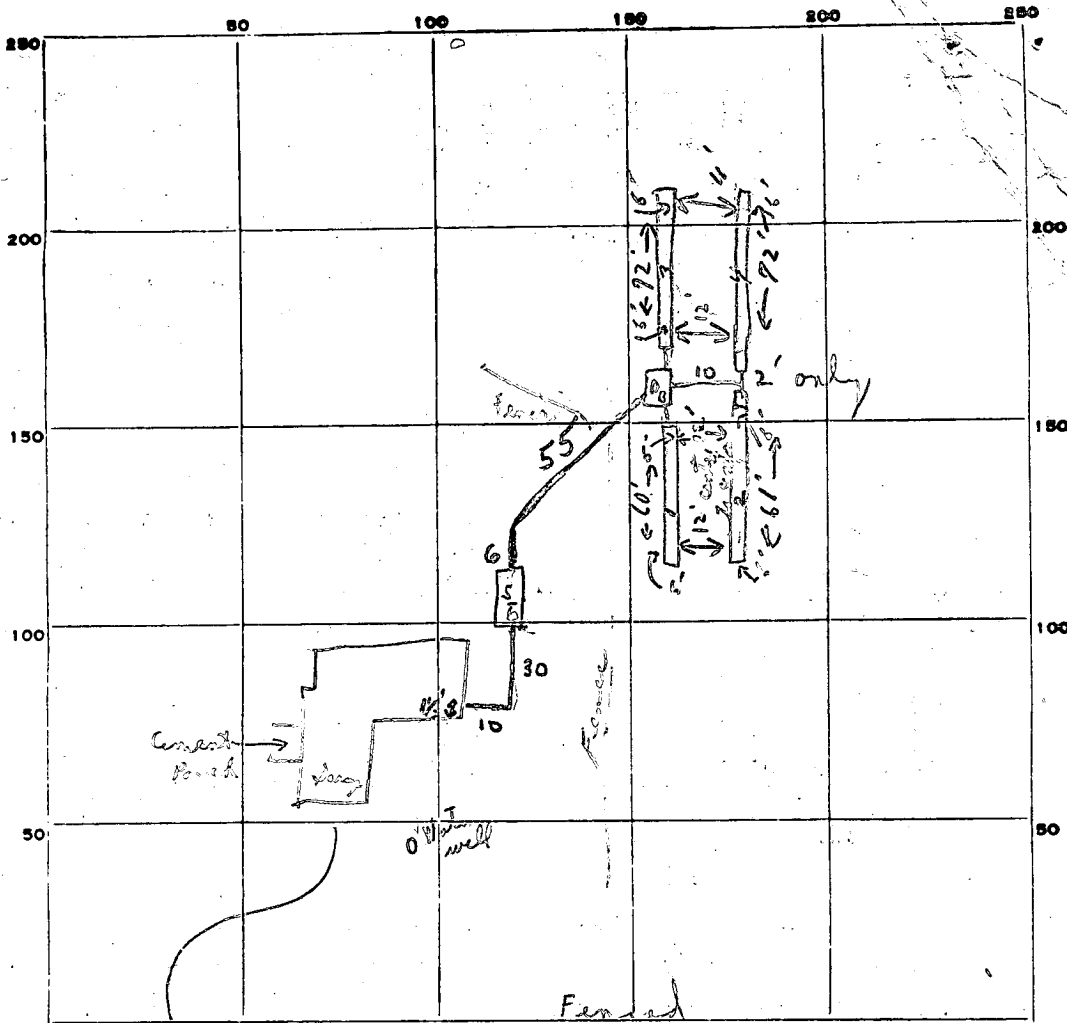
BLDG. PERMIT SIGNED  
AND RETURNED 4/2/82  
Serial # 49779  
P.H.

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

A 28977  
18159

350

$$\begin{array}{r}
 265 \\
 \times 35 \\
 \hline
 1325 \\
 795 \\
 \hline
 9275
 \end{array}$$



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD  Not seen Hobbs Rd McKendree Rd  
 SEPTIC TANK, LEVEL  ok CLEANOUTS No S.T.  P.W.  terra cotta  
 DISTRIBUTION BOX, LEVEL baffle  See below also 10/13/78 Weld a block w/ partial partition where effluent comes in.  
 TILE FIELD, DEPTH 6 FT. TRENCH WIDTH 2 FT.  
 GRAVEL DEPTH 3 1/2 IN. TOTAL LENGTH 265 FT. 72'  
 NUMBER OF TRENCHES 4 TOTAL BOTTOM AREA 265 72'  
 SEEPAGE PITS, INSIDE DIAMETER - FT. DEPTH BELOW INLET - FT. 60'  
 ABSORBENT AREA 928 + SQ. FT. 61'  
265'

REMARKS 10/13/78 Partial - Tank in - no pipe from D.B. to tank for  
tank to house. Distribution box cracked - need to repair  
with cement to replace C.B.D. Stones in most of trenches  
checked each end 6' depth & open. Left lateral entrance  
to continue C.B.D.  
17 Oct 78 - FINAL OK (GLK)

DATE SYSTEM APPROVED 17 Oct 78 INSPECTOR G. Keller

# APPLICATION

A 18159

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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 3-27-73

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 Robert W. Douglas Gordon Stafford

ADDRESS ~~9315 Annapolis Rd., Lanham, Md~~ PHONE 577-0065

PROPERTY LOCATION: 1083 Pikeston Place  
Rockville, Md. 20854

SUBDIVISION Green Meadows LOT NO. 2 New lot 2

ROAD AND DESCRIPTION McKendree Road 2510 Hobbs Road

SIZE OF LOT 1.128 Acres TYPE BLDG. 5 bedroom  
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 Robert W. Douglas 1st BLDG. PERMIT SIGNED AND RETURNED 6/19/78

APPROVED BY Dan J. O'Neil FOR Drainfields DATE 5/15/75  
(KIND OF SYSTEM)

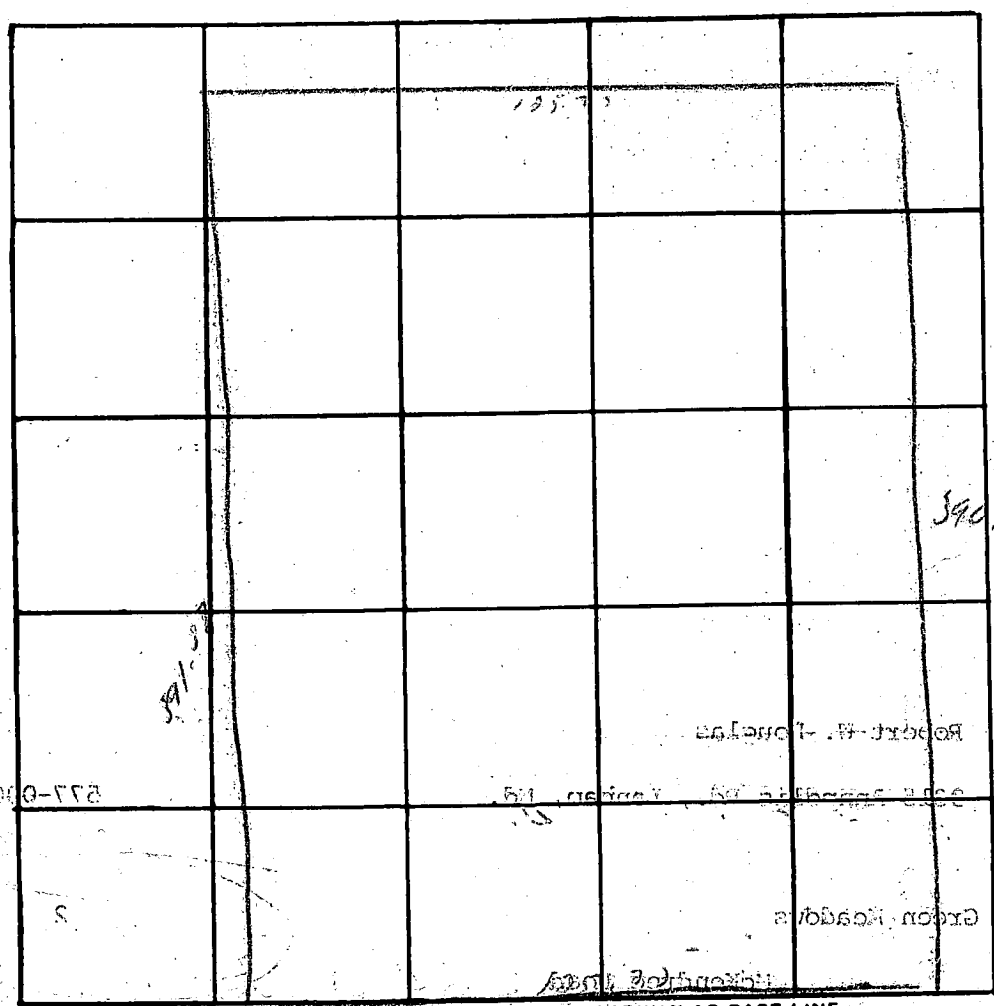
REJECTED BY Don Manning FOR Septic DATE 5-15-77  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 5-15-73 - poor soil - water

# THIS IS NOT A PERMIT

3-27-73



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Mc Kenzie Rd*

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

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

# APPLICATION

A 18159

## SEWAGE DISPOSAL TESTING

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STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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PROPERTY OWNER Robert W. Douglas

ADDRESS 9315 Annapolis Rd., Lanham, Md. PHONE 577-0065

PROPERTY LOCATION:

SUBDIVISION Green Meadows LOT NO. 2

ROAD AND DESCRIPTION McKendree Road

SIZE OF LOT 1.128 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 Robert W. Douglas /s/

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

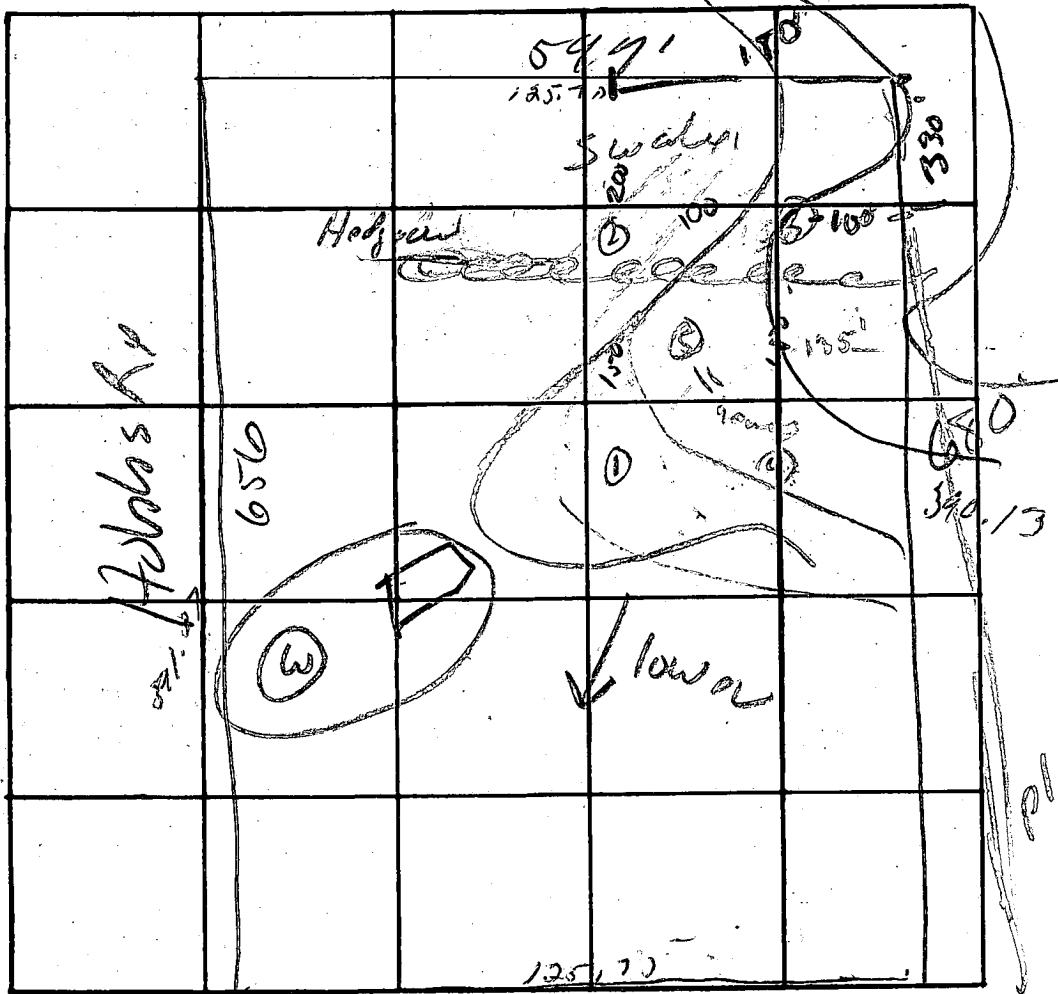
REJECTED BY [Signature] FOR Septic DATE 5-15-73  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING: 5-15-73 poor soil water

# THIS IS NOT A PERMIT

Lot 2



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

McKendree Rd

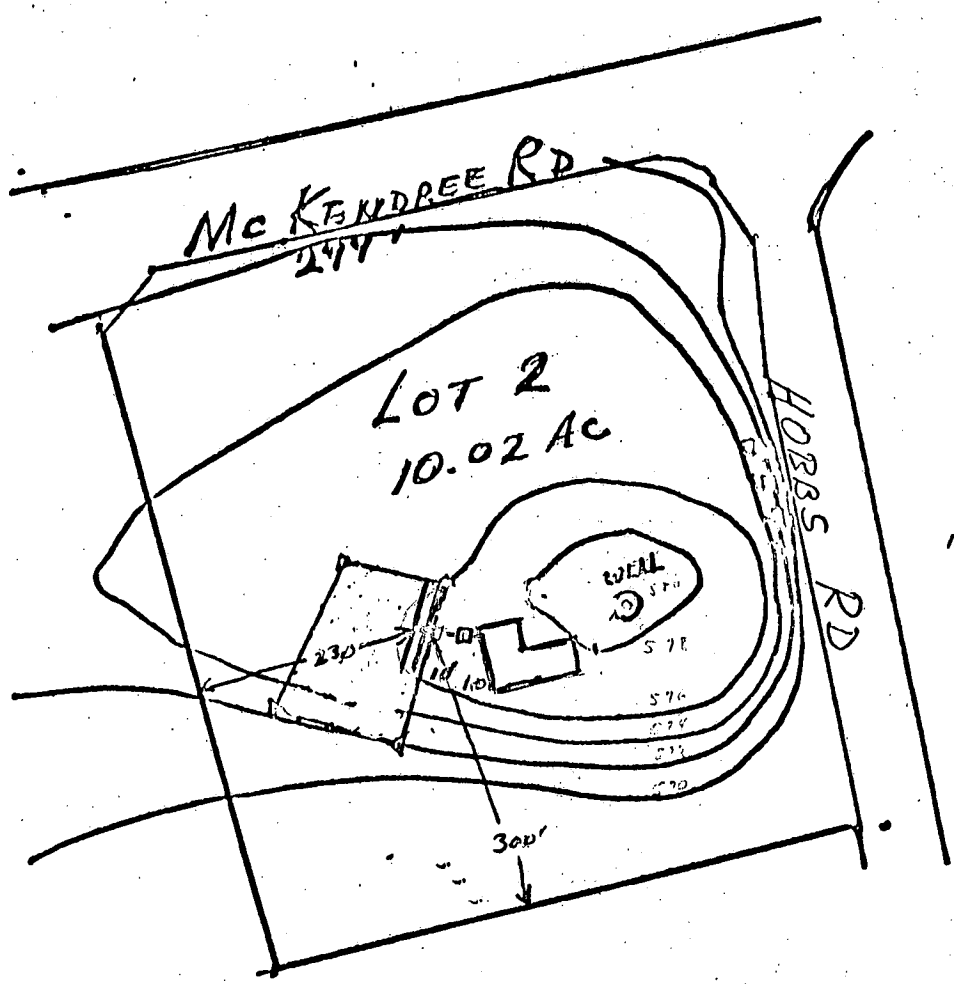
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/1/4	1s	2'	255	259	259	203	6
	d	8'	255	200	200	209	9
	2s	2'	258		Failure		
	d	7'	258	259	305%	204	4:30
	3s	2'	206			212	3
	a	7'	207	212	212	220	8
	2s	3'	224	238	235	252	14
		10' -	Sand	9-10'			
	4 -	12' dry					
	5 -	11' dry					

dry to 18'

REMARKS

TYPE OF SOIL

loam.



Well, Final	<u>580'</u>
House, FF	<u>582'</u>
Base	<u>573</u>
Inu	<u>575.25</u>
Septic Final	<u>580</u>
Inu	<u>575.0</u>
Drain Fields	
Original	<u>576.5</u>
Final	<u>576.5</u>
Invert	<u>574.5</u>
dist 140	<u>574.7</u>
box grade	<u>576.5</u>

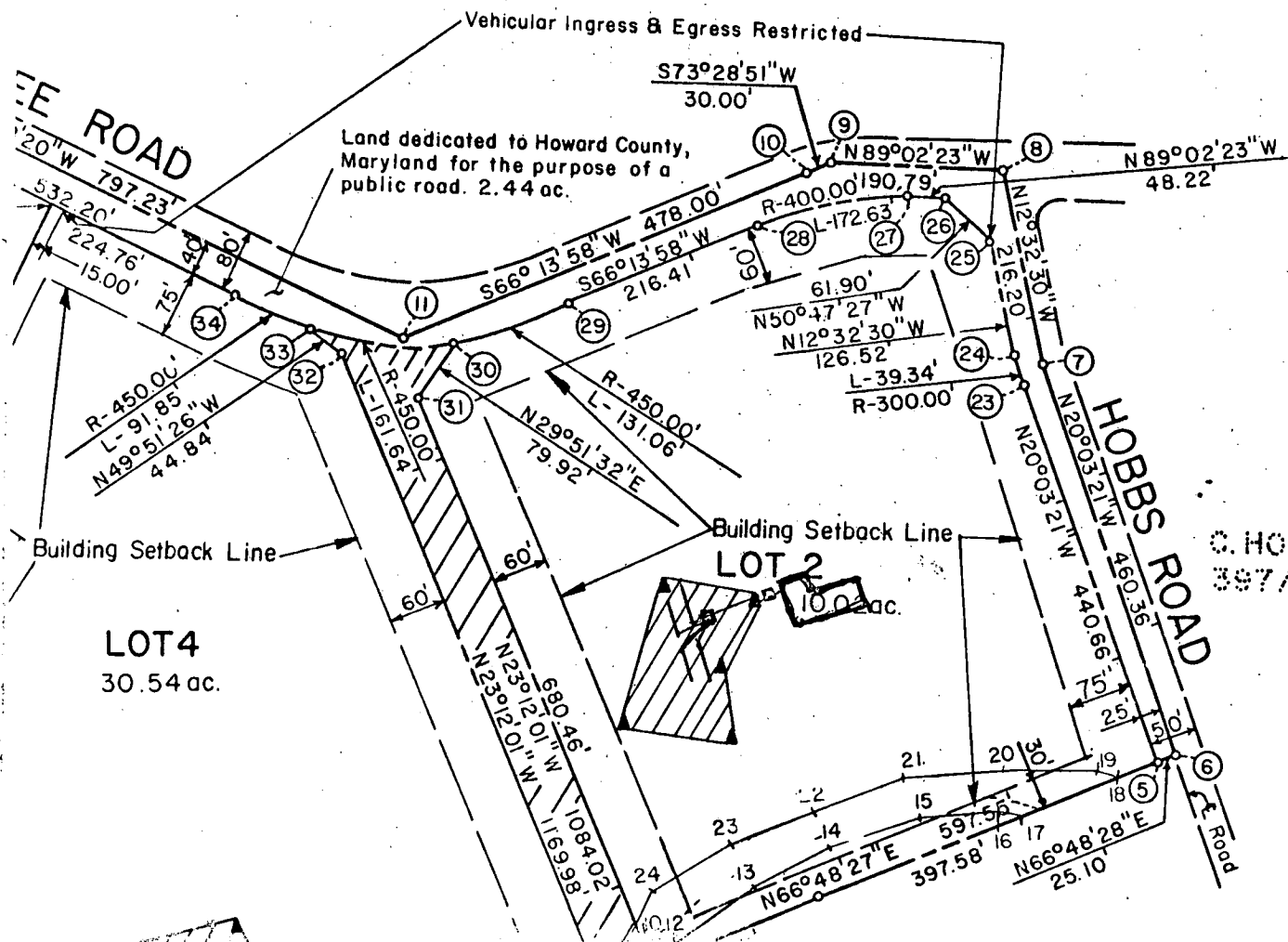
Contour Interval = 2'

OK upon  
6/15/78

OK upon  
6/18/78

Fred Dickson  
June 15, 1978

LEWITZ  
37324



C. HOBBS  
397/454

**B 1** 0620 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, MARYLAND 21401**  
**APPLICATION FOR PERMIT TO DRILL WELL**

**WRA PERMIT NUMBER**  
HO-7B-2668  
**FILL IN THIS FORM COMPLETELY**

DATE RECEIVED (WRA USE ONLY) 6/2/78  
 OWNER Dickson Fred (Old World Homes)  
 COL 15 LAST NAME FIRST NAME COL. 34  
 STREET OR RFD 15775 Rt. 3144  
 COL 36 COL. 55  
 POST OFFICE Lisbon, Maryland 21765  
 COL 57 COL. 76

**B 1 CONTINUED DRILLER INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 DATE March 20, 1978 LICENSE NUMBER 296  
 77 80  
Ronald L. Kyker  
 FIRST NAME DRILLER LAST NAME  
 SIGNATURE Ronald L. Kyker

**B 3 LOCATION OF WELL**  
 1 2 3 (SEQ. NO.) 6  
 COUNTY Howard  
 8 (DO NOT ABBREVIATE COUNTY NAME) 21  
 SUBDIVISION "Green Meadows"  
 29 42  
 SECTION 2 LOT 2  
 44 48 50  
 NEAREST TOWN Cooksville  
 52 71  
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 79 M I. 76 77 78

**B 2 WELL INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 450  
 14 20

**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  
 8 8 9 8 9  
 NEAR WHAT ROAD McKendree & Hobbs Road  
 11 NORTH SOUTH EAST WEST 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  N  S  E  W  
 32 32 32 32  
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 500 M I. 37 38 39

**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  
 P PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL  
 T TEST

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.

APPROXIMATE DEPTH OF WELL 150'  
 24 28 FEET  
 APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH)

**METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)**  
 BORED (OR AUGERED) JETTED DRIVEN  
 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)  
 CABLE REVERSE-ROTARY DRIVE-POINT  
 OTHER (DESCRIBE)

N ↑  
 23' casing  
 17' open hole  
 6/1/78 well not grouted F.S.  
 6/2/78 2' casing above grade  
 grout pipe jetted to 18'  
 7 bags of cement used  
 O.K. F.S.

**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 CONDITIONS 68  
 A E N S G W Q C L U

BOX NUMBER E 790  
 N 530  
 NORTH COORDINATE 52-1001  
 50 51 52 53 54 55  
 EAST COORDINATE 071000  
 57 58 59 60 61 62 63  
 ELEVATION AT WELL HEAD (FEET) 0/0 65 66 67 68 0/0 5/0

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**  
 1 2 3 (SEQ. NO.) 6  
 41  STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. W27701  
 MO. DAY YR. 2 2 78  
 DATE APPROVED BY Donald W. Monahan  
 43 46 Donald W. Monahan, Sanitarian

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**  
 1 2 3 (SEQ. NO.) 6

C 1 **0493** (SEQ. NO.)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (WRA USE ONLY)

**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 **27702**

DATE RECEIVED (WRA USE ONLY) **June 2, 1978** DEPTH OF WELL **160**  
 DATE WELL COMPLETED **06/02/78** (TO NEAREST FOOT) **26**  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **HC-22-2469**  
 28 29 30 31 32 33 34 35 36 37  
 250  
 DRILLERS IDENTIFICATION NO. **250**

OWNER **Dickson, (Old World Homes) Fred**  
 LAST NAME FIRST NAME  
 STREET OR RFD **15775 Rt. #144** POST OFFICE **Lisbon, Maryland 21765**

**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	
Dirt	0	9	
Blue Sandstone	9	44	
Brown Sandstone	44	45	X
Blue Sandstone	45	160	

**GROUTING RECORD** YES NO

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)  
 CEMENT  C M. BENTONITE CLAY  B C  
 44 44  
 45 46 45 46

NO. OF BAGS **7** NO. OF POUNDS **658**

GALLONS OF WATER **142**

**DEPTH OF GROUT SEAL (TO NEAREST FOOT)**  
 FROM **0** FT. TO **21** FT.  
 (ENTER 0 IF FROM SURFACE) 48 52 54 58

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  S  T CONCRETE  C  O  
 PLASTIC  P  L OTHER  O  T

MAIN CASING TYPE  S  T **6** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **23**

60 61 63 64 66 70

**OTHER CASING (IF USED)**

EACH CASING DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN TYPE OR OPEN HOLE

**SCREEN RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  S  T BRASS OR BRONZE  B  R OPEN HOLE  H  O  
 PLASTIC  P  L OTHER  O  T

**EACH SCREEN**

SCREEN NO.	DEPTH (NEAREST WHOLE FOOT)	
	FROM	TO
1	<b>23</b>	<b>160</b>
2		
3		

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)

TELESCOPE CASING  70 LOG INDICATOR  72 OTHER DATA AVAILABLE  74  75  76

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) **6**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **7 1/2**  
 Flowmeter

METHOD USED TO MEASURE PUMPING RATE **Flowmeter**

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**  
 BEFORE PUMPING **30** (NEAREST FOOT) 17 20  
 WHEN PUMPING **45** (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) **29**

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES  Y NO  N

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 **2** (NEAREST FOOT) 49 51  
 - BELOW

**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).

*McKenzie*

**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 **Dana Kyker, Jr. II**

(PLEASE PRINT) **Dana Kyker, Jr. II**

SIGNATURE *Dana Kyker, Jr. II*

