

10/11/78  
11/9/78

# PERMIT

P 28937

A 27080

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

04-326036

ELLICOTT CITY

DISTRICT 6th

**INDEXED**

DATE 9/29/78

Floyd Seiss Backhoe Serive

IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Milly's Delight ROAD 15598 Union Chapel Road LOT 1

PROPERTY OWNER Paul Parker Parrish new come Aug. 79.

ADDRESS \_\_\_\_\_

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 140 SQ. FT. below inlet.

INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 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

Location of dry well per engineer's plat, 30 ft. from right property line and 280 ft.

from front property line when facing from Union Chapel Road. (Perc hole 1/2).

Cleanout needed every 75 ft. between house and tank.

PLANS APPROVED BY C.B. Streaker DATE 12/1/77

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.

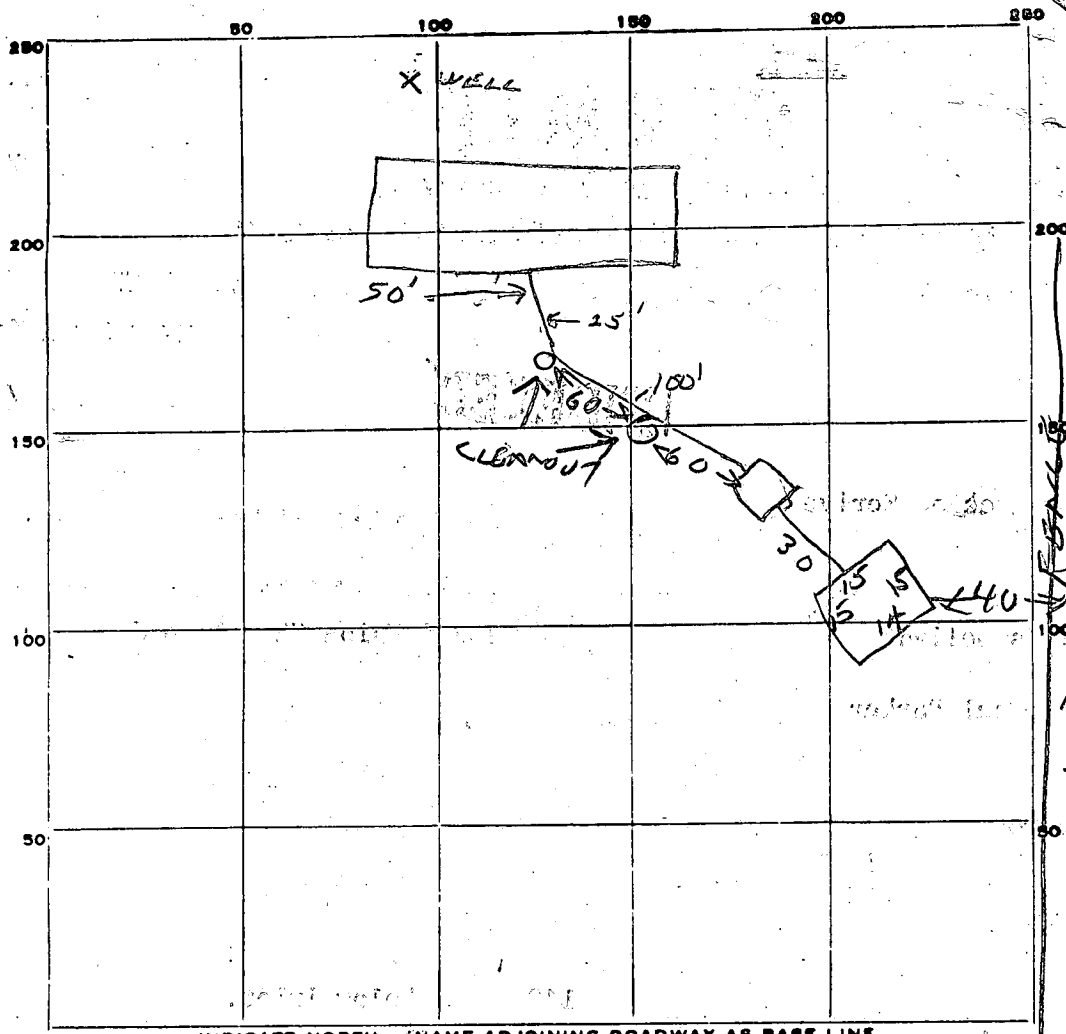
BLDG. PERMIT SIGNED AND RETURNED 4/2/81

Special # 46956  
Superman's prod.

A 27080

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

$$\begin{array}{r} 59 \\ 25 \\ \hline 295 \\ 413 \\ \hline 4325 \end{array}$$



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

UNION CHAPEL RD

PERMIT CARD  HOUSE SEWER  
 SEPTIC TANK, LEVEL                      CLEANOUTS ST/DW OK/OK OK  
 DISTRIBUTION BOX, LEVEL                       
 TILE FIELD, DEPTH                      FT. TRENCH WIDTH                      FT.  
 GRAVEL DEPTH                      IN. TOTAL LENGTH                      FT.  
 NUMBER OF TRENCHES                      TOTAL BOTTOM AREA                       
 SEEPAGE PITS, PERIMETER 59 FT. INSIDE-DIAMETER                      FT. DEPTH BELOW INLET 7 1/2 FT.  
 ABSORBENT AREA 432 SQ. FT.

REMARKS 11 Oct 78 - Area OK. However, invert to septic tank needs baffle (broken)  
 3 house sewer is extremely low (100 ft). Install cast iron cleanouts at  
 1st bend 3 at 50' mark of 100 ft length, replace baffle, and  
 install drywell/ST cleanouts; call for final. OK to backfill drywell (GUL) + 15  
 11/9/78 ABOVE CORRECTED BUT DON'T FORGET  
 TO CEMENT AROUND BASE OF TANK & DW CLEANOUTS

DATE SYSTEM APPROVED 11/9/78 INSPECTOR Raymond H. [Signature]

Heiss  
**APPLICATION**

A 27080

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE / 1000 gallon

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

DISTRICT 1-3 Bedrooms  
DATE 10/14/77  
Septic Tank { 4 Bedrooms } 1250 gallons  
Dry well to have 140 sq ft. effective

absorbant sidewall area per bedroom below inter.  
Unit to be 3 1/2' below original grade and maximum  
depth 11'. Location per engineer's plat: 30' from  
right property line and 200' from front property line  
when facing lot from Union Chapel Road. (See hole #2)  
Cleanout needed every 75' between house & tank

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

⊗ Dry well & trench used need:  
⊙ 5' earth buffer

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

PROPERTY OWNER A state of A.C. Riggs - Contract purchaser - Paul Parker

ADDRESS 3317 Stapleton Dr. Glenwood, Md PHONE 489-4766

PROPERTY LOCATION: Millip's Delight - Lot 1 2 inspections of  
SUBDIVISION 5 acres LOT NO. P. 145

ROAD AND DESCRIPTION: Rt. 97 to Union Chapel Rd - opposite farm home of  
Mrs. Riggs - lot to Lieberman farm after gravel installed.

SIZE OF LOT 5 acres TYPE BLDG. 3  
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 Mrs. Paul Parker BLDG. PERMIT SIGNED  
AND RETURNED 6/27/78

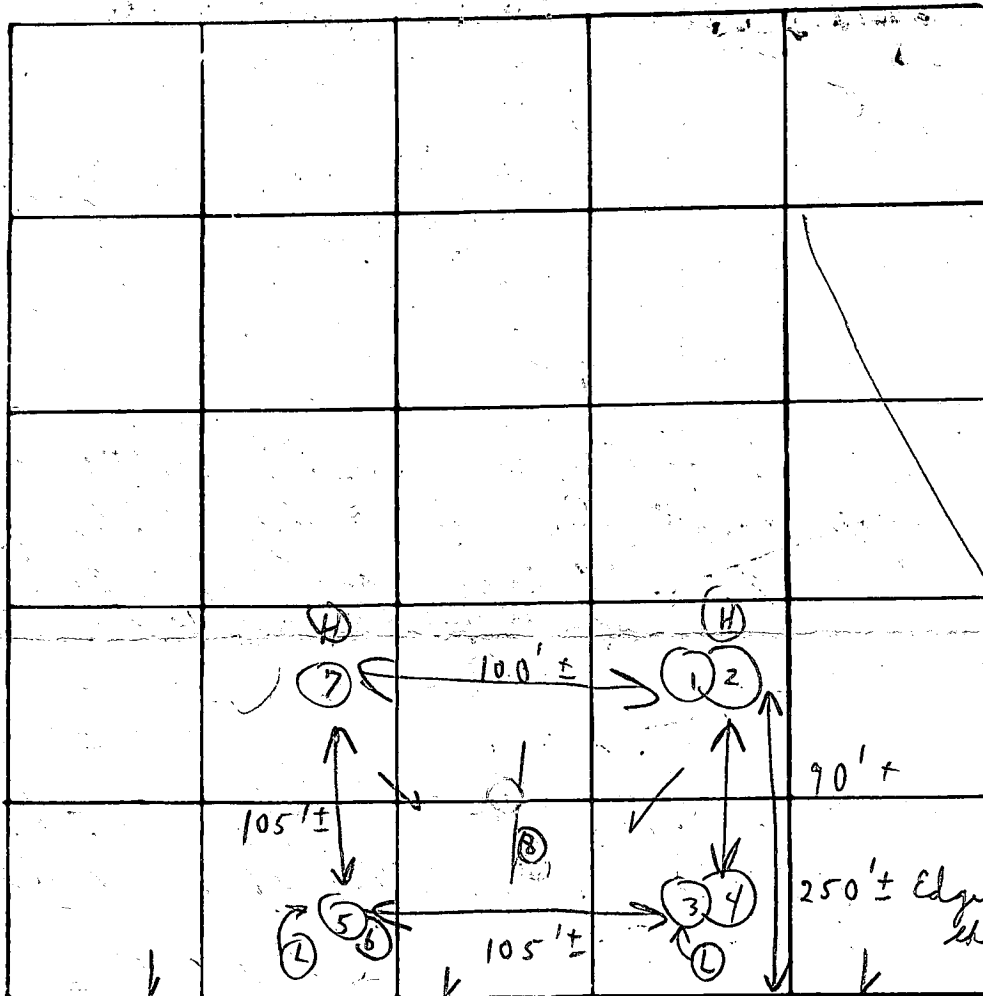
APPROVED BY C. B. Theaker FOR dry well & trench DATE 12/1/77  
(KIND OF SYSTEM)

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

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

11/10/77 REASONS FOR REJECTION OR HOLDING for certified holes - perc. ok  
1/28/77 Certified hole plat, ok. 5/18/78 Drew called for  
ok of driveway - not to cut over 1' of original ground  
in septed disposal area C.B.D.

**THIS IS NOT A PERMIT**



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Union Chapel Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/10/77	1	3 1/2'	10:20	10:26	10:26	10:31	5 min
	Ⓜ 2	11'	10:21	10:26	10:26	10:35	9 min
	Ⓛ 3	3 1/2'	10:25	10:27	10:27	10:33	6 min
	Ⓛ 4	11'	10:25	10:27	10:27	10:32	5 min
	5	4'	10:28	10:36	10:36	10:51	15 min
	Ⓛ 6	11 1/2'	10:28	10:37	10:37	10:55	18 min
	Ⓜ 7	11'-8" Visual	similar to others				
	Lowest Ⓜ 8	13 1/2' ± Visual	" " " "				

REMARKS

Some weeds Hold for certified hole  
only 1 extra hole on #8 area

TYPE OF SOIL

TESTED BY

C. B. ✓

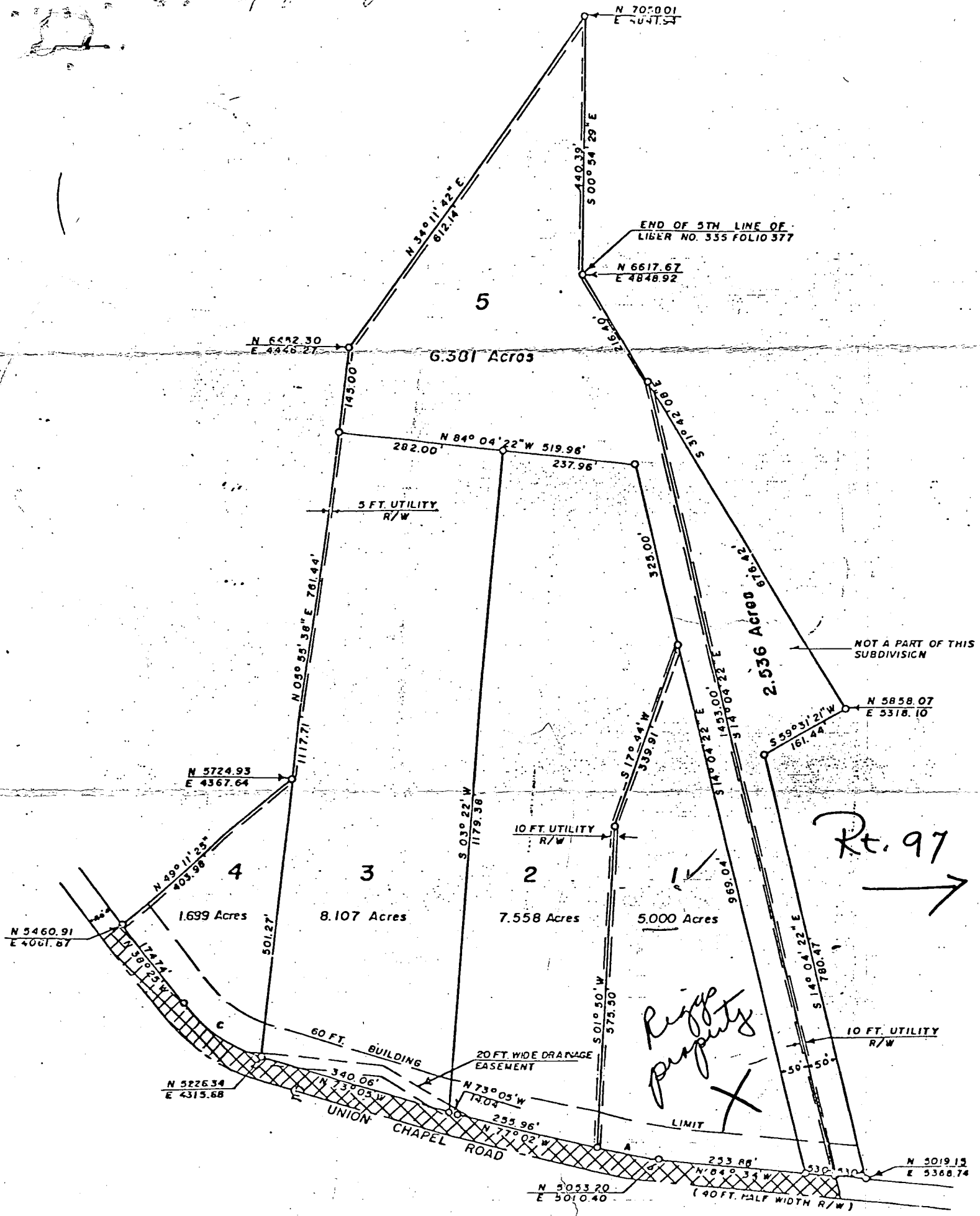
ALSO PRESENT:

N. Pickett only

Soil Profile  
Below clay  
(loamy)

10 min

Stake 50' west of existing fence - end of frontage  
 other end of frontage approximately opposite stone driveway



Rt. 97  
 →

Riggs  
 property  
 X

NOT A PART OF THIS  
 SUBDIVISION

LIMIT

(40 FT. HALF WIDTH R/W)

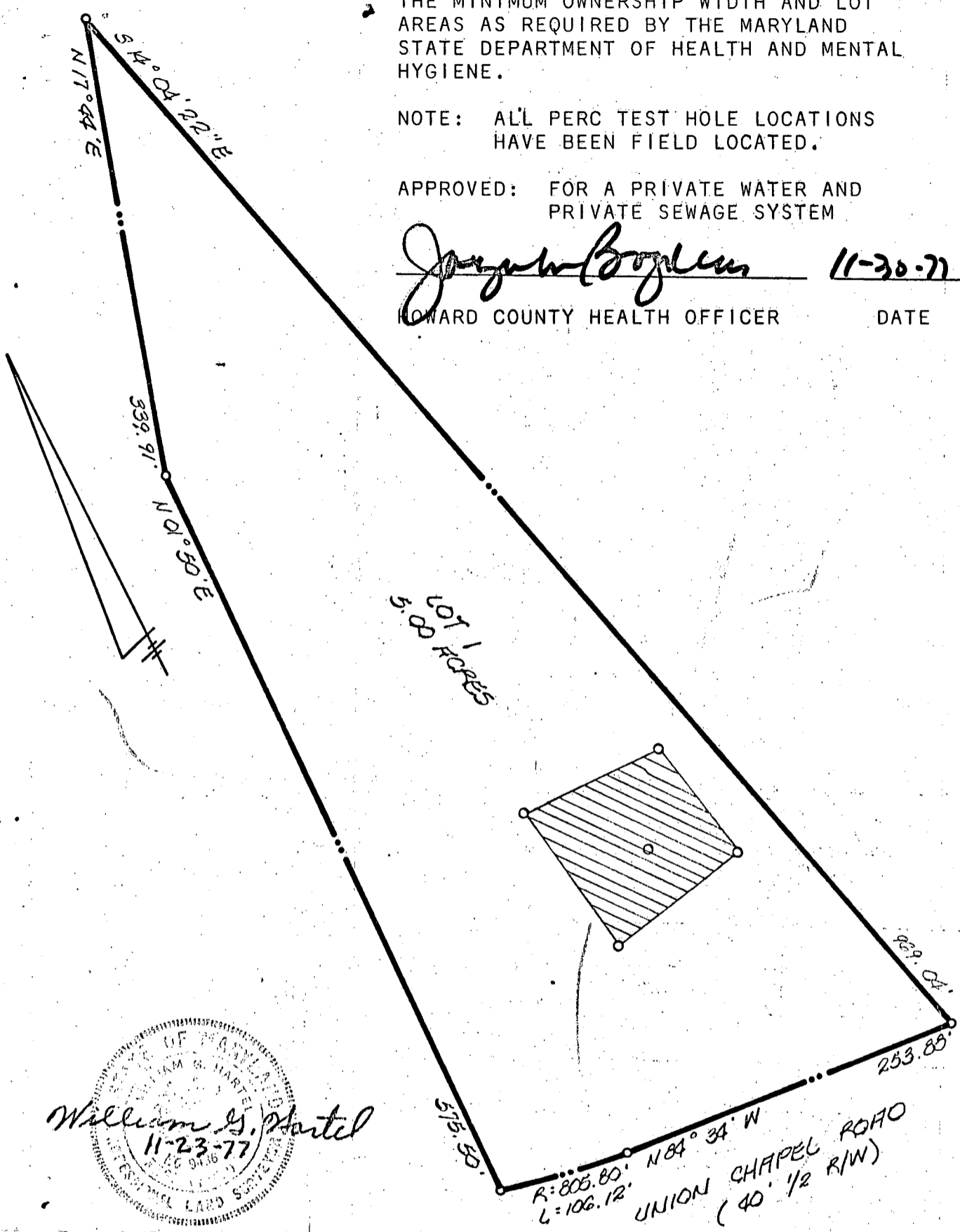
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

NOTE: ALL PERC TEST HOLE LOCATIONS HAVE BEEN FIELD LOCATED.

APPROVED: FOR A PRIVATE WATER AND PRIVATE SEWAGE SYSTEM

*Joseph W. Boyles*  
 HOWARD COUNTY HEALTH OFFICER

*11-30-77*  
 DATE



*William S. Hartel*  
 11-23-77  
 STATE OF MARYLAND  
 LAND SURVEYOR

TITLE PERCOLATION TEST PLAT			
PROJECT MILLIE'S DELIGHT - LOT 1			
LOCATION 3RD ELECTION DISTRICT, HOWARD COUNTY, MD			
DATE: NOV 1977	DESIGN BY: —	DRAWN BY: DMR	CHECKED BY: WGH
SCALE: 1" = 100'	JOB NO.: 77220	DRAWING NO.: 1	

boender associates

engineers  
 surveyors  
 planners

B 1	<b>9552</b>	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <span style="font-size: 24pt; font-family: cursive;">40-102804</span>
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY	

DATE RECEIVED (WRA USE ONLY) <span style="font-size: 24pt; font-family: cursive;">6/26/78</span> 2:00 P.M.	<b>OWNER</b> <span style="font-size: 24pt; font-family: cursive;">Consolidated Home Builders</span> COL 15 LAST NAME COL 34 FIRST NAME <b>STREET OR RFD</b> <span style="font-size: 24pt; font-family: cursive;">9403 MERRYREST Rd.</span> COL 36 COL 55 <b>POST OFFICE</b> <span style="font-size: 24pt; font-family: cursive;">Columbia Md (Owner - Paul Parker)</span> COL 57 COL 76
--	--

B 1	CONTINUED	<b>DRILLER INFORMATION</b>
1 2 3 (SEQ. NO.) 6		
DATE <span style="font-size: 24pt; font-family: cursive;">5/19/78</span>		LICENSE NUMBER <span style="font-size: 24pt; font-family: cursive;">293</span>
FIRST NAME <span style="font-size: 24pt; font-family: cursive;">Ray F</span>		DRILLER LAST NAME <span style="font-size: 24pt; font-family: cursive;">HARLEY SR</span>
SIGNATURE <span style="font-size: 24pt; font-family: cursive;">Ray F Harley Sr</span>		

B 3	<b>LOCATION OF WELL</b>
1 2 3 (SEQ. NO.) 6	
COUNTY <span style="font-size: 24pt; font-family: cursive;">Howard Co</span>	
SUBDIVISION <span style="font-size: 24pt; font-family: cursive;">EMILY'S HEIGHT</span>	
SECTION <span style="font-size: 24pt; font-family: cursive;">4</span> LOT <span style="font-size: 24pt; font-family: cursive;">1</span>	
NEAREST TOWN <span style="font-size: 24pt; font-family: cursive;">LOOKSVILLE</span>	
MILES FROM TOWN (ENTER 0 IF IN TOWN) <span style="font-size: 24pt; font-family: cursive;">3</span> MI	

B 2	<b>WELL INFORMATION</b>
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <span style="font-size: 24pt; font-family: cursive;">3</span>	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <span style="font-size: 24pt; font-family: cursive;">750</span>	
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>	
<input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
<input type="checkbox"/> FARMING, AGRICULTURE, IRRIGATION	
<input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
<input type="checkbox"/> MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL	
<input type="checkbox"/> PRIVATE WATER COMPANY }	
<input type="checkbox"/> TEST	

B 4	<b>DIRECTION FROM TOWN</b>
1 2 3 (SEQ. NO.) 6	
<input type="checkbox"/> NORTH <input type="checkbox"/> EAST <input type="checkbox"/> NE NORTHEAST <input type="checkbox"/> SE SOUTHEAST <input type="checkbox"/> SOUTH <input type="checkbox"/> WEST <input type="checkbox"/> NW NORTHWEST <input type="checkbox"/> SW SOUTHWEST	
NEAR WHAT ROAD <span style="font-size: 24pt; font-family: cursive;">UNION CHAPEL Rd</span>	
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> NORTH <input type="checkbox"/> SOUTH <input type="checkbox"/> EAST <input type="checkbox"/> WEST	
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <span style="font-size: 24pt; font-family: cursive;">300</span> MI	

APPROXIMATE DEPTH OF WELL <span style="font-size: 24pt; font-family: cursive;">200</span> FEET	24 28
APPROXIMATE DIAMETER OF WELL <span style="font-size: 24pt; font-family: cursive;">6</span> (NEAREST INCH)	

<b>METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)</b>		
<input type="checkbox"/> BORED (OR AUGERED)	<input type="checkbox"/> JETTED	<input type="checkbox"/> DRIVEN
<input type="checkbox"/> AIR-ROTARY	<input checked="" type="checkbox"/> AIR-PERCUSSION	<input type="checkbox"/> ROTARY (HYDRAULIC ROTARY)
<input type="checkbox"/> CABLE	<input type="checkbox"/> REVERSE-ROTARY	<input type="checkbox"/> DRIVE-POINT
OTHER (DESCRIBE) _____		

<b>REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)</b>	
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
<input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)	

<b>NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)</b>	
APPROPRIATION PERMIT NUMBER	ENGINEER REVIEW DISTRICT NO.
FORCE	CONDITIONS

B 4	CONTINUED	<b>HEALTH DEPARTMENT APPROVAL</b>
1 2 3 (SEQ. NO.) 6		
STATE HEALTH (CIRCLE 'BOX') <span style="font-size: 24pt; font-family: cursive;">S</span>		COUNTY NAME <span style="font-size: 24pt; font-family: cursive;">Howard Co</span> COUNTY NO. <span style="font-size: 24pt; font-family: cursive;">W28076</span>
DATE <span style="font-size: 24pt; font-family: cursive;">052278</span> APPROVED BY <span style="font-size: 24pt; font-family: cursive;">Donald W. Monaghan, Sanitarian</span>		

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.

**Handwritten Notes:**  
 42' casing above ground  
 8' measured (threaded joints hanging up weight & pipe)  
 Forced pipe to 31', hung up again, attempt to wash out unsuccessful. Solid at 31'  
 10 bags cement  
 6/26/78  
 250

**Sketch Details:**  
 North arrow pointing up.  
 Union Chapel Rd running horizontally.  
 A house labeled 'Milly's house' with 'Lot #5' and 'Septic' nearby.  
 Well location marked with an 'X' in a box.  
 Box number: E 530, N 780.

B 5	<b>SPECIAL CONDITIONS 8-63 (WRA USE ONLY)</b>
1 2 3 (SEQ. NO.) 6	
<span style="font-size: 24pt; font-family: cursive;">A27050</span>	



C 1 **7654** SEQUENCE NO. (WRA USE ONLY)

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

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 7/10/78

8-13

**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 21074

DEPTH OF WELL 150  
 22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
HO-83-2809  
 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 279

OWNER Pr. Consolidated Home LAST NAME FIRST NAME

STREET OR RFD 9408 MERRYREST BL POST OFFICE Columbia 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	2	
Yellow loess	2	16	
BRAY SLATE	16	74	
BRAY GRANITE	74	150	

Best water at 74 FT  
 Well is 150 FT

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES  NO

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

NO. OF BAGS 10 NO. OF POUNDS 940

GALLONS OF WATER 78

DEPTH OF GROUT SEAL (TO NEAREST FOOT)  
 FROM 0 FT. TO 41 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

CASING TYPES: INSERT (APPROPRIATE CODE BELOW)  STEEL  CONCRETE  PLASTIC  OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 41

**OTHER CASING (IF USED)**

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE: INSERT (APPROPRIATE CODE BELOW)  STEEL  BRASS OR BRONZE  OPEN HOLE  PLASTIC  OTHER

C 2 (SEQ. NO.)

DEPTH (NEAREST WHOLE FOOT) FROM TO

1	2	3	4	5	6
11	15	17	21	23	24
26	30	32	36	38	39
41	45	47	51		

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 60 TO

GRAVEL PACK 1 FT

IF WELL DRILLED WAS A FLOWING WELL, CIRCLE BOX 68

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

TELESCOPE CASING  LOG INDICATOR  W O

C 3 (SEQ. NO.)

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 10

METHOD USED TO MEASURE PUMPING RATE R. P. 4

WATER LEVEL: (DISTANCE FROM LAND SURFACE)  
 BEFORE PUMPING 31 (NEAREST FOOT)  
 WHEN PUMPING 56 (NEAREST FOOT)

TYPE OF PUMPED 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 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 } 1 FT (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 Ray E. Markley

(PLEASE PRINT) SIGNATURE Ray E. Markley

