

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

X7609933X 313-2640

INDEXED

DISTRICT 4th

DATE 7/14/94

DATE SYSTEM APPROVED 7/18/94

INSPECTOR Arm

ADDRESS _____ PHONE _____

SUBDIVISION _____ LOT 1 ROAD 1052 Ridge Road

PROPERTY OWNER Michael Schaefer

ADDRESS 1052 Ridge Road
Mt. Airy, Maryland 21771

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED (New added 100')

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 07/05/94

CONTRACTOR REPORTS LINE BLOCKAGE FOUND ^{4 CONNECTED} EXISTING TRENCH IN GOOD CONDITION.

APPLICANT DECIDED TO INSTALL ADDITIONAL TRENCH ANYWAY.

→ (1) Trench 100' + long, 2' wide, 9' deep, ended 4' (CW)
5' of stone, 500' sq. ft. effective area plus old trench
PLANS APPROVED BY [C. Bat for C.W. - Unfield (A.M.)] DATE 7/14/94

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

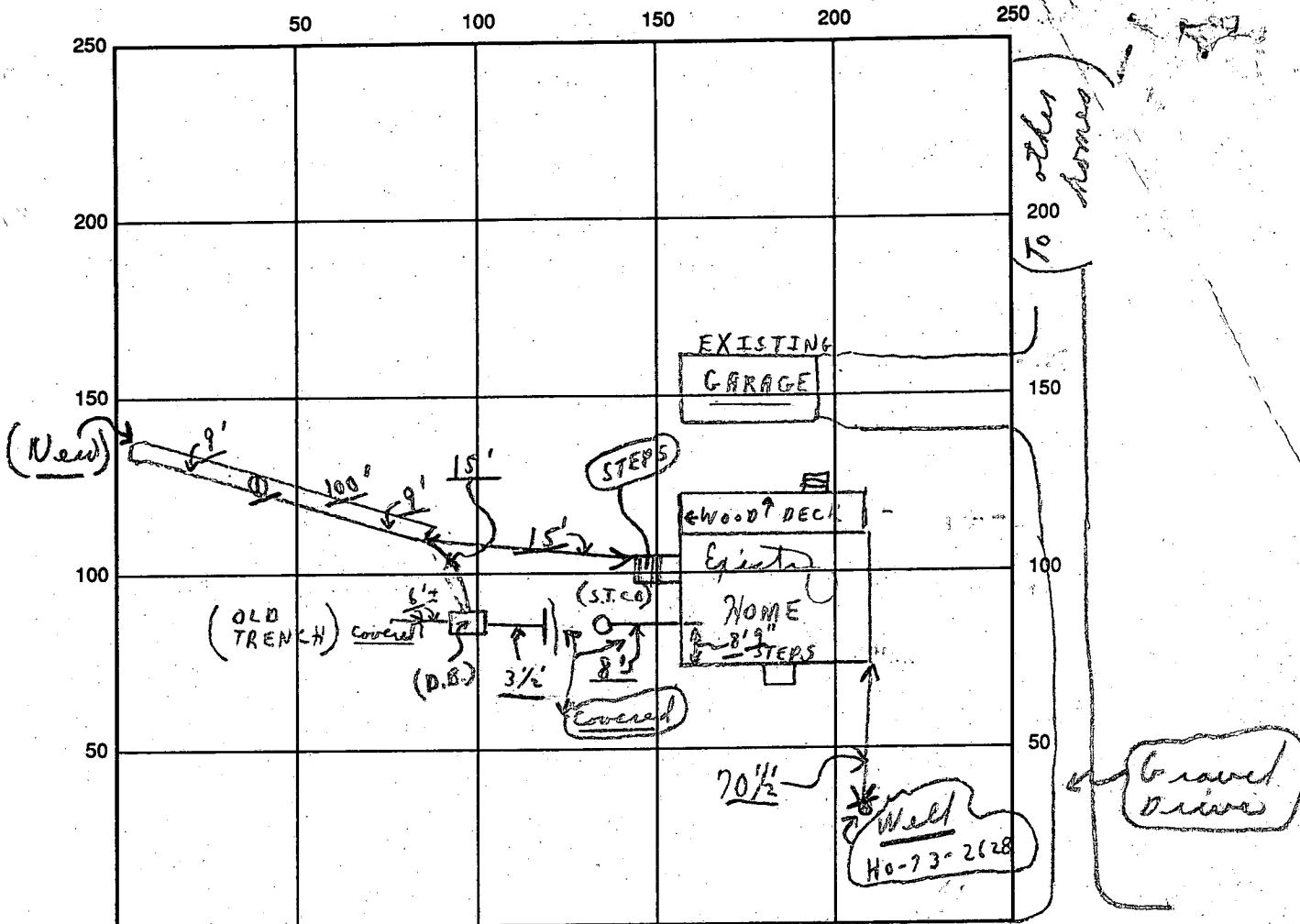
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

R 50148



Damascus INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Ridge Road OK 27 MT 27

SEPTIC TANK LEVEL Existing CLEANOUTS Existing

DISTRIBUTION BOX LEVEL OK (New) (Baffles is in)

DRAIN FIELD/TITLE DEPTH 9 ± average FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH (1) 100 plus old FT. (500)

NUMBER OF TRENCHES (1) New (1) old ONE SIDEWALL/ bottom AREA old SQ. FT. trench system

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 500 SQ. FT. +(old system trench)

REMARKS: (PARTIAL) 7/14/94 (A.M.) OK TO STONE NEW TRENCH-ETC.; HOLD

FOR A CALL; C.B. 7/18/94 OK TO COVER ALL NEW WORK FINAL ACK

DATE SYSTEM APPROVED 7/18/94 INSPECTOR Amy McMillan

SYSTEM TO BE INSTALLED
FIRST BEFORE BUILDING PERMIT
CAN BE SIGNED.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 3/22/78

INDEX

Herman Sirk

IS PERMITTED TO INSTALL E ALTER

ADDRESS

PHONE

SUBDIVISION

ROAD

LOT

1

PROPERTY OWNER

Michael Schaeffer

ADDRESS

1052 Ridge Road (route 27)

SPECIFICATIONS

~~8~~ 5 bedrooms 1000

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 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

TRENCH: 2 ft. wide - 9 ft. wide - 100 ft. long with 5 ft. of gravel under pipe.

Start trench 75 ft. from front lot line and 150 ft. from left side line
as seen from Rt. 27. Trench to run with contour of ground.

BLDG. PERMIT SIGNED
AND RETURNED 4/3/78

Serial No. 34839

PLANS APPROVED BY

Robert V. Torre

DATE

5/30/73

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.

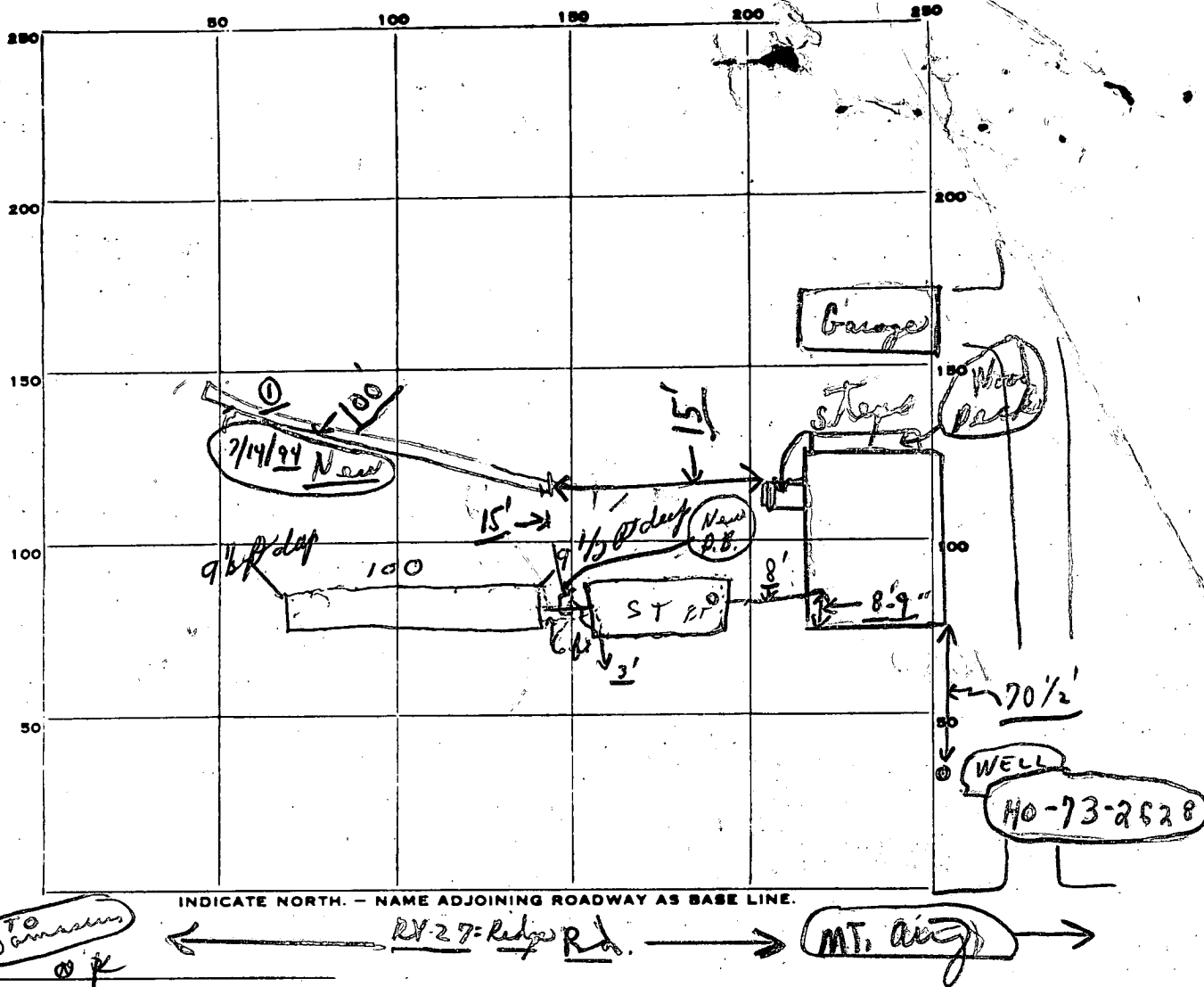
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

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

A 24115



PERMIT CARD OK

SEPTIC TANK, LEVEL OK

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 60 IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3-22-78 OK to gravel in trench.

3-23-78 OK to cover trench & septic tank back to cleanout - to call for

final insp when house sewer is complete. DMM

3-27-79 house unoccupied - could not tell if house connected made
due to snow & mud. - recheck - 30 days. WJ

DATE SYSTEM APPROVED _____

INSPECTOR _____

PRELIMINARY

APPLICATION

Schafer
A 24115

10/13/76
9:30 A.M.

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 10/4/76

well & septic to be installed first

[Use R. Torie spec]

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 Raymond E. Greenfield

Michael Schafer
729 Watersville Rd.
mt. Airy, Md. 831-7228

ADDRESS 22625 Wildcat Road, Germantown, Md.

PHONE Dial 8-428-0287

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 1

ROAD AND DESCRIPTION Ridge Road (Route 27) - next to Lou & Joe's Tavern

SIZE OF LOT (?) 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/ Raymond E. Greenfield

APPROVED BY: _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY: _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for set up of poles

THIS IS NOT A PERMIT

Vertical of Way

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

27

7.81

Soil Profile

0.1
↓
↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/1/76	1		:	:	:	:	
	2		:	:	:	:	
	3		:	:	:	:	
	4		:	:	:	:	
	5		:	:	:	:	
	6		:	:	:	:	

Notes
to use
Tests
of 1973

REMARKS Open field (See old tests)

TYPE OF SOIL _____

TESTED BY C. B. ✓ ALSO PRESENT: Stick + son

APPLICATION

A EX 18381

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT *Septic Tank - 3 bedrooms - 1000 sq. ft.* DISTRICT 4th
ENVIRONMENTAL HEALTH SERVICES *125 sq. ft.*P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356DATE 4/27/73

*absorbent sidewalk area to begin below
the first 4 ft of non-porous soil. max. depth permitted
for dry wells is 11 ft. Locate dry well 175 ft from
front lot line and 150 ft. from left side line as
seen from Rt. 27.*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLANDI, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.PROPERTY OWNER Raymond E. GreenfieldADDRESS 22625 Wildcat Road, Germantown, Md. PHONE 428-0287

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Parcel LROAD AND DESCRIPTION Route 27SIZE OF LOT 6 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/ Raymond E. GreenfieldAPPROVED BY Robert V. Tame FOR Dry Well DATE 5/30/73
(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

[illegible]

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
30/73	1	11 ft.	11 ⁵⁸	12 ⁰²	12 ⁰²	12 ¹⁰	8 min	
	2	4 ft.	11 ⁵⁹	12 ⁰⁸	12 ⁰⁸	12 ²⁹	21 min	
	3	4 ft.	12 ²¹	12 ²⁴	12 ²⁴	12 ²⁸	4 min	
	4	11 ft.	Crown in - around to send me down - Rock shale - Permeable Some sand as 4 ft. - 2 ft.					1 min
	5	10 ft.	Inc. sand dumped —					1 min
	6	10 1/2 ft.	Poorest hole clay for 4-5 ft.					

TYPE OF SOIL

Plat of Survey
 PARCEL L
 Being a part of Greenfield Property
 Howard County, Maryland
 Scale: 1" = 200'

I hereby certify that the plan shown hereon is correct and that iron pipes have been placed wher shown. This lot complies with minimum ownership, width and lot area as required by the Maryland State Department of Health Regulations.

RENN SURVEYS
 DAMASCUS, MD
 PH. 948-8822

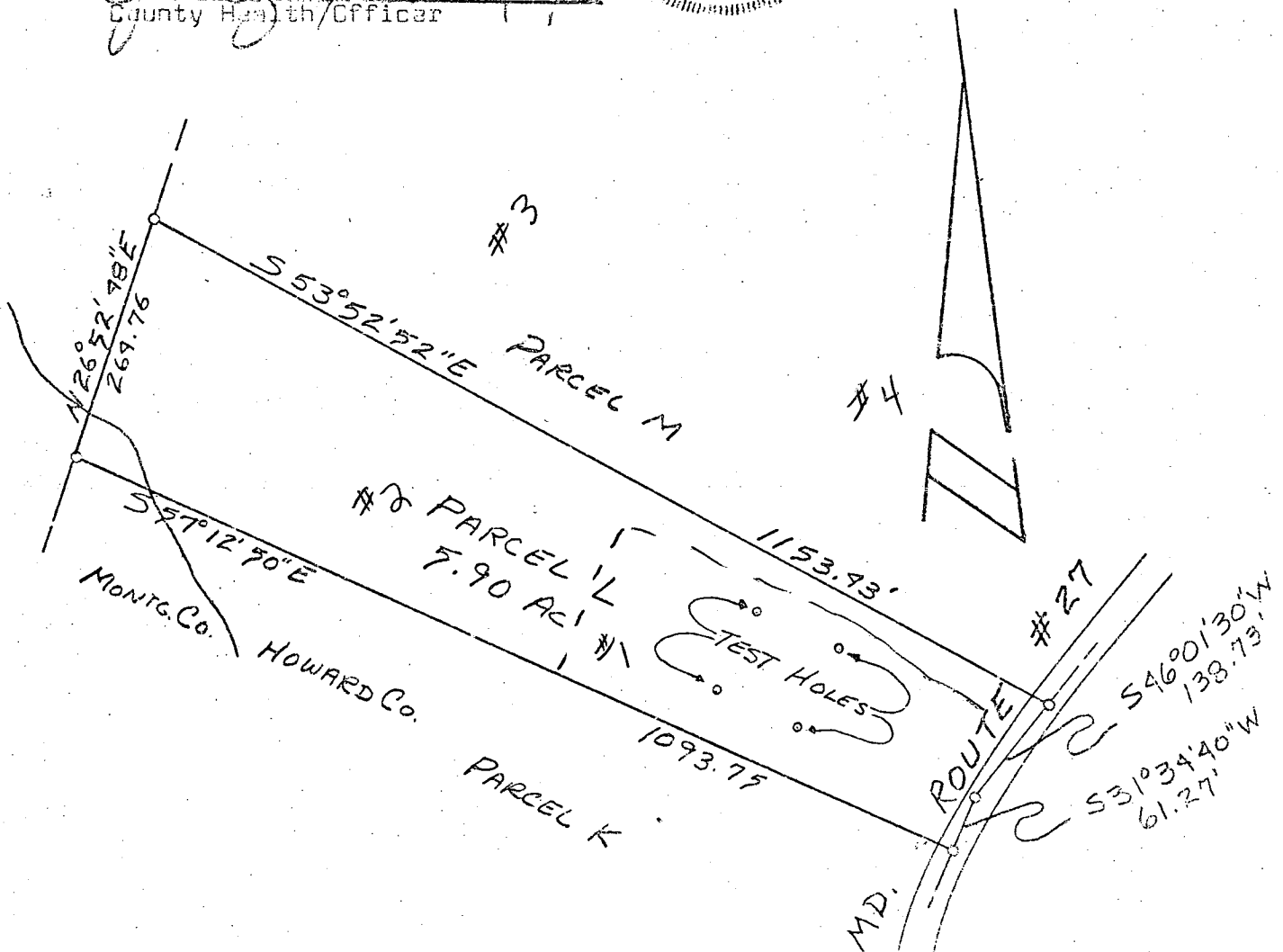
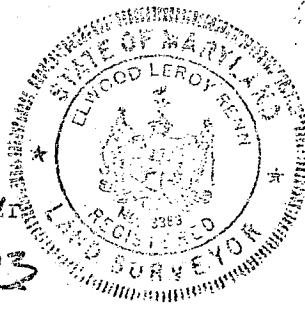
Elwood L. Renn

Elwood L. Renn
 R.P.L.S. Md. #3383
 July 5, 1973

Approved

For private water and private sewer

John H. Hagan, MD 7/12/73
 County Health Officer



STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES-STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER 40-73-2628

OWNER: SCHAEFER MICHAEL

STREET OR RFD: 729 WATERSVILLE RD.

POST OFFICE: MT. AIRY, MD 21771

DRILLER INFORMATION: ALTON R. KEYSER

WELL INFORMATION: MAXIMUM PUMPING RATE 5 GPM, AVERAGE DAILY QUANTITY NEEDED 500 GPD

USE FOR WATER: HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED: BORED (OR AUGERED) AIR-ROTARY

REPLACEMENT OR DEEPEINED WELLS: THIS WELL WILL NOT REPLACE AN EXISTING WELL

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

HEALTH DEPARTMENT APPROVAL: Howard W27614

HEALTH 2' Carry out of ground

C 1	4089	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 <u>12</u>
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)		DATE RECEIVED (WRA USE ONLY) <u>8/9/78</u> DATE WELL COMPLETED <u>8/9/78</u> DEPTH OF WELL <u>310</u> (TO NEAREST FOOT) 22 26 PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H-73-2628</u> -28 29 30 31 32 33 34 35 36 37 DRILLERS IDENTIFICATION NO. <u>277</u>		

OWNER Michael LAST NAME Watersville Rd. FIRST NAME Michael
 STREET OR RFD 724 Watersville Rd. POST OFFICE MD. 21771

WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (USE ADDITIONAL SHEETS, IF NECESSARY)</th> <th colspan="2">FEET</th> <th rowspan="2">CHECK IF WATER BEARING</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>BROWN SHALE</td> <td>0</td> <td>30</td> <td></td> </tr> <tr> <td>GREEN SHALE</td> <td>30</td> <td>310</td> <td></td> </tr> </tbody> </table>	DESCRIPTION (USE ADDITIONAL SHEETS, IF NECESSARY)	FEET		CHECK IF WATER BEARING	FROM	TO	BROWN SHALE	0	30		GREEN SHALE	30	310		GROUTING RECORD WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) ☒ YES ☐ NO TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS <u>10</u> NO. OF POUNDS <u>440</u> GALLONS OF WATER <u>60</u> DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM <u>0</u> FT. TO <u>40</u> FT. (ENTER 0 IF FROM SURFACE) CASING RECORD INSERT APPROPRIATE CODE BELOW STEEL ☒ CONCRETE ☐ PLASTIC ☐ OTHER ☐ MAIN CASING TYPE <u>ST</u> NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>41</u> 60 61 63 64 66 70 OTHER CASING (IF USED) DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____ SCREEN RECORD INSERT APPROPRIATE CODE BELOW STEEL ☒ BRASS OR BRONZE ☐ OPEN HOLE ☐ PLASTIC ☐ OTHER ☐ C 2 1 2 3 (SEQ. NO.) 6 DEPTH (NEAREST WHOLE FOOT) FROM <u>40</u> TO <u>310</u> 1 8 9 11 13 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOTSIZE 1. _____ 2. _____ 3. _____ DIAMETER OF SCREEN <u>56</u> (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) T ☐ (E.R.O.S.) ☐ W ☐ 70 ☐ 72 ☐ 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE	PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) <u>4</u> PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) <u>3</u> METHOD USED TO MEASURE PUMPING RATE <u>Rotary</u> WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING <u>40</u> (NEAREST FOOT) WHEN PUMPING <u>305</u> (NEAREST FOOT) TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) A AIR ☐ P PISTON ☐ T TURBINE ☐ 27 27 27 C CENTRIFUGAL ☐ R ROTARY ☐ O OTHER (DESCRIBE BELOW) ☐ 27 27 27 J JET ☐ S SUBMERSIBLE ☐ 27 27 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) + ABOVE } LAND SURFACE _____ (NEAREST FOOT) - BELOW } 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).
DESCRIPTION (USE ADDITIONAL SHEETS, IF NECESSARY)		FEET			CHECK IF WATER BEARING											
	FROM	TO														
BROWN SHALE	0	30														
GREEN SHALE	30	310														

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

(PLEASE PRINT) A. Ray Keyser

SIGNATURE