

# PERMIT

APPROVED  
6/18/81  
RH

3147  
A 3042

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLCOTT CITY

DISTRICT 34

INDEXED

DATE 3-22-82

Paul Schindler

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 7301 Derecke Rd., Mount Airy, Md. 21106

PHONE 2820 785-7658

SUBDIVISION BOWTIE ESTATES

ROAD 510 River Road

LOT 2 2

PROPERTY OWNER Robert J. Schindler, Jr.

Kretsch

ADDRESS 4225 WOODBINE RD

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 4000 GALLONS

DRAIN FIELD DEPTH 4 FT. MINIMUM AREA 600 SQ. FT.

DEEP TRENCH DEPTH 4 FT. MINIMUM AREA 600 SQ. FT.

SCREENING PIT DEPTH 4 FT. MINIMUM AREA 600 SQ. FT.

INLET PIPE 4 IN. DIA. MINIMUM GRADE 12 INCH DEPTH 4 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE

LOCATE DISPOSAL AREA 10 FT. FROM RIGHT LOT LINE AND 10 FT. FROM FRONT LOT LINE AS SHOWN

FACING LOT FROM River Rd.

If trench only system for 1 bedroom home requires a minimum 2 ft. of trench 2 ft. with inlet at 4 ft. below original grade in area of high pore hole.

PLANS APPROVED BY [Signature] DATE 10/28/78

COVER NO MORE THAN INDICATED AND APPROVED

NEITHER THE HOWARD COUNTY COMMISSION 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 16 INCH 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 STEEL.

COTTA ACCEPTED.

INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

GLD. PERMIT SIGNED  
AND RETURNED 12-12-78  
Serial # B-109106  
Pole Building

EH-2-1070

31497

RIVER RD

|    |    |
|----|----|
| ST | DW |
| OK | OK |

CLEANOUTS OK OK

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 186

SEEPAGE PITS, INSIDE ~~ENCLOSURE~~ 444 FT. DEPTH BELOW WILET 5 FT.

ABSORBENT AREA 230 SQ. FT.

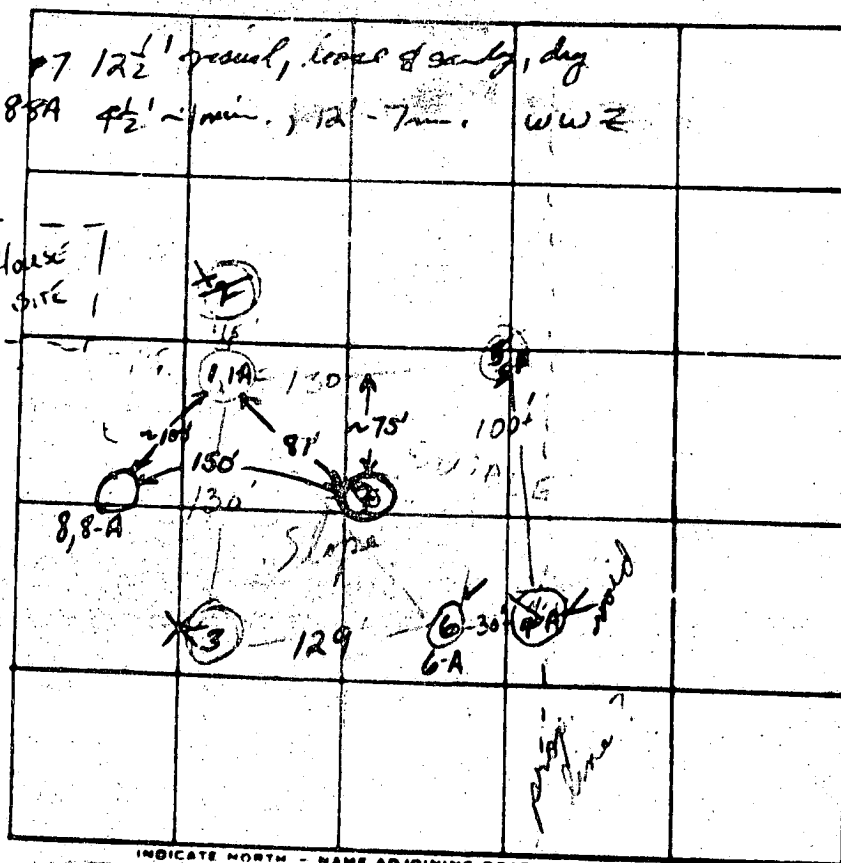
REMARKS: 6/10/81 DW HOLE 9 FT B.O.G. LOCATION ON ~~REMAINING~~  
COVER TANK & HOUSE SEWER RH  
6/10/81 DW INLET 4 FT B.O.G. DITCH INLET 4 FT B.O.G.  
3 BR = 360 SPFT REQUIRED, 224 + 136 = 400  
TOTAL ABSORBENT AREA

DATE SYSTEM APPROVED 6/10/81 INSPECTOR Raymond J. Hedges

20482

9/4/74 #7 12 1/2' gravel, loose & sandy, dry  
 #8A 4 1/2' - 1 min., 12' - 7 min. WWZ

Use  
 8, 8-A  
 for system



Lot 2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

RIVER RD

N

| DATE  | TEST NO. | DEPTH   | PRE-WET<br>START               | PRE-WET<br>STOP          | TEST - 1" DROP<br>START | TEST - 1" DROP<br>STOP | TIME |
|-------|----------|---------|--------------------------------|--------------------------|-------------------------|------------------------|------|
| 11/21 | 1        | 4 1/2'  | 11:09                          | 11:14                    | 11:14                   | 11:20                  | 6    |
|       | 1-A      | 12      | 11:07                          | 11:09                    | 11:09                   | 11:16                  | 7    |
|       | 2        | 6       | Rock                           |                          |                         |                        |      |
|       | 3        | 9       | Rock in bottom; 1 1/2' 4' clay |                          |                         |                        |      |
|       | 4        | 11      | 2                              | NOT ON LOT 2             |                         |                        |      |
|       | 4-A      | 11      | 3                              | See 1, 1-A test on LOT 2 |                         |                        |      |
|       | 5        | 4 1/2'  | 11:32                          | 11:33                    | 11:33                   | 11:36                  | 3    |
|       | 6        | 11 1/2' | 11:30                          | 11:40                    | 11:40                   | 11:50                  | 10   |
|       | 6-A      | 12      | 11:55                          | 11:57                    | 11:57                   | 12:03                  | 6    |
|       | 6-A      | 12      | 12:10                          | 12:13                    | 12:13                   | 12:20                  | 7    |

1 = 6 min

100 4/8 c

20 1/2" = 20 ft

120 4/8 c

Inlet @ 4'

REMARKS

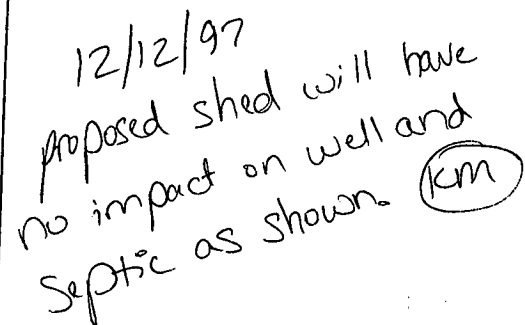
TYPE OF SOIL

TESTED BY

ALSO PRESENT:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>C1</b> 4871<br><small>THIS NUMBER IS TO BE PUNCHED IN COPY TO SHOW ALL CORDS</small><br>Date Received (WRA use only)<br>3/2/81<br>DATE WELL COMPLETED                                                                                                                                                                                                                                                                                                                                                 | SEQUENCE NO. (WRA USE ONLY)<br>STATE OF MARYLAND<br><b>WELL COMPLETION REPORT</b><br>FILL IN THIS FORM COMPLETELY<br>PLEASE PRINT OR TYPE                      | THIS REPORT MUST BE SUBMITTED WITHIN<br>30 DAYS AFTER WELL IS COMPLETED<br>COUNTY NUMBER <b>A 20482</b><br>PERMIT NO. <b>HO-73-3161</b><br>FROM "PERMIT TO DRILL WELL"                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| OWNER <b>Hess</b><br>STREET OR RD <b>River Road</b><br>SUBDIVISION <b>Berndell Estates</b><br>TOWN <b>Sykesville</b><br>SECTION <b>140</b> LOT <b>2</b>                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| STATE THE KIND OF FORMATIONS<br>PENETRATED, THEIR COLOR, DEPTH,<br>THICKNESS AND IF WATER BEARING<br>DESCRIPTION (Use additional sheets if needed)                                                                                                                                                                                                                                                                                                                                                       | FEET<br>FROM TO<br>TOP SOIL 0 2<br>CLAY 2 5<br>SHALE 5 10<br>BLUE SLATE 10 58<br>BROWN SLATE 58 58 ✓<br>BLUE SLATE 58 90<br>COALS 90 95 ✓<br>BLUE SLATE 95 140 | WELL HAS BEEN GROUTED (Circle Appropriate Box)<br>TYPE OF GROUTING MATERIAL<br>CEMENT <input checked="" type="checkbox"/> BENTONITE CLAY <input checked="" type="checkbox"/><br>NO. OF BAGS <b>14</b> NO. OF POUNDS <b>240</b><br>GALLONS OF WATER <b>70</b><br>DEPTH OF GROUT SEAL (to nearest foot)<br>from 0 to 15 ft. (enter 0 if from surface)                                                                                                                                                                                                                                                               |  |
| CASING RECORD<br>casing types insert appropriate code below<br>MAIN CASING TYPE <input checked="" type="checkbox"/> STEEL <input checked="" type="checkbox"/> CONCRETE<br>PLASTIC <input type="checkbox"/> OTHER <input type="checkbox"/><br>Nominal diameter top (main casing) (nearest inch) <b>21</b><br>Total depth of main casing (nearest foot) <b>140</b>                                                                                                                                         |                                                                                                                                                                | PUMPING TEST<br>HOURS PUMPED (nearest hour) <b>2</b><br>PUMPING RATE (gal. per min. to nearest gal.) <b>15</b><br>METHOD USED TO MEASURE PUMPING RATE <b>BRACKET</b><br>WATER LEVEL (distance from land surface) BEFORE PUMPING <b>50</b><br>WHEN PUMPING <b>140</b><br>TYPE OF PUMP USED (for test)<br><input checked="" type="checkbox"/> piston <input type="checkbox"/> turbine <input type="checkbox"/> centrifugal <input type="checkbox"/> rotary <input type="checkbox"/> other (describe below)<br><input type="checkbox"/> jet <input type="checkbox"/> submersible                                     |  |
| SCREEN RECORD<br>screen type or open hole insert appropriate code below<br><input checked="" type="checkbox"/> STEEL <input type="checkbox"/> BRASS <input type="checkbox"/> OPEN HOLE<br><input type="checkbox"/> PLASTIC <input type="checkbox"/> OTHER<br>DEPTH (nearest ft.) <b>19</b> <b>140</b><br>SLOT SIZE <b>2</b><br>DIAMETER OF SCREEN (NEAREST INCH) <b>10</b>                                                                                                                               |                                                                                                                                                                | PUMP INFO<br>DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br>IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME<br>TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: B, C, J, P, R, S, T, O)<br>CAPACITY: GALLONS PER MINUTE (in nearest gallon)<br>PUMP HORSE POWER<br>PUMP COLUMN LENGTH (nearest ft.)<br>CASING HEIGHT (circle appropriate box and enter casing height)<br><input checked="" type="checkbox"/> above LAND SURFACE <b>2</b><br><input type="checkbox"/> below (nearest foot) |  |
| CIRCLE APPROPRIATE BOX<br><input checked="" type="checkbox"/> A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED<br><input type="checkbox"/> E ELECTRIC LOG OBTAINED<br><input type="checkbox"/> P TEST WELL CONVERTED TO PRODUCTION WELL<br>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. |                                                                                                                                                                | LOCATION OF WELL ON LOT<br>SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)<br>WELL 500'<br>200'<br>RIVER RD.<br>RIGHT LOT LINE                                                                                                                                                                                                                                                                                                                                                                                          |  |
| DRILLERS IDENT NO <b>40</b><br>DRILLERS SIGNATURE <i>James P. Lantieri</i><br>MUST MATCH SIGNATURE ON APPLICATION<br>SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)                                                                                                                                                                                                                                                                                |                                                                                                                                                                | WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)<br>T (E.R.O.S.) <input type="checkbox"/><br>W.O. <input type="checkbox"/><br>TELESCOPE CASING <input type="checkbox"/> LOG INDICATOR <input type="checkbox"/> OTHER DATA <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                   |  |

21 casing  
 2' along pt.  
 18' open  
 14 bags cement  
 3-2-81 JS SK



810 RIVER ROAD  
SYKESVILLE, MD 21784  
Owner - EARL R. KRATSCH