

12-3-87

12/19/87 2pm &amp; EALLY

Needs house connection, inspect first cleanout bend. JEN

12/4  
11AM12/3/87  
JEN**PERMIT**OK 12-10-87  
JEN

P 43063

A 30237

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

04-342941

DATE 11/22/87

DATE SYSTEM APPROVED 12-10-87

INSPECTOR JEN

INDEXED

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE 988-9270

SUBDIVISION

Roxbury

ROAD 4098 Roxmill Court

LOT 11

PROPERTY OWNER

Matthew Regan

ADDRESS

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER?

YES

NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

158  
632

AT 1/16 1646(16)

158 ft trench

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start first trench 475 feet from the edge of Roxmill/Split Rail Court and 105 ft from the left (320') lot line. Run trench(s) along level ground toward the front of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

ALL REPAIRS TO SYSTEM TO BE SHALLOW - INLET 4 feet-BOTTOM DEPTH 5.5 feet.

CONS 106 1' D66PER TO SHALLOW TRENCHES OK/CK

PLANS APPROVED BY

C. Williams

DATE 8/19/83

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.

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

OLDG. PERMIT SIGNED

AND RETURNED

4-22-92

Serial # 200 117479

Attached garage

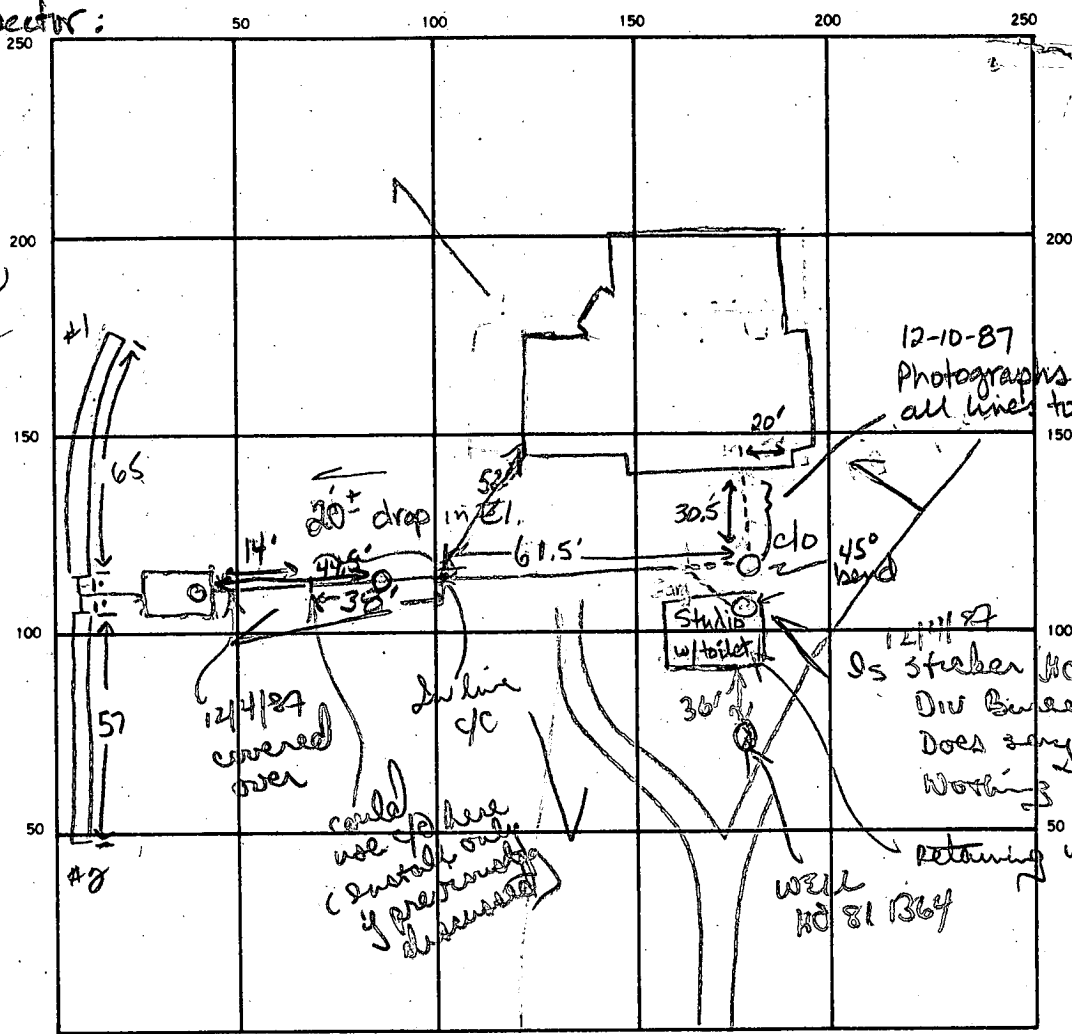
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 30237

8-87 - called  
 Plumbing Inspector:  
 7-87  
 Mike  
 Stencipher  
 992-2000  
 was on site  
 JEN



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.  
 Roxmill Court

SEPTIC TANK. LEVEL 1250 gal CLEANOUTS staked 57' c/o, 3 in line c/o

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 9 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 4 FT.

EFFECTIVE GRAVEL DEPTH 5.5 5 FT. TOTAL LENGTH 65 57 FT. 122

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 12-3-87 OK to cover line to tank & tank once cleanouts in-line and on tank are in place. JEN Have contractor excavated at house connection and cleanout 30 ft from house. 12/4/87 Tank w/ c/o + in line c/o in - OK. Is inspection staker (see above) indicating possible approval of area to be covered. Pump/power line & pitless in 24" ground were needed. 12-9-87 Mike Stencipher of plumbing office has NOT inspected anything outside of house. JEN 12-10-87 OK to cover all work. JEN

DATE SYSTEM APPROVED 12-10-87 INSPECTOR Jane Tadean

SUBDIVISION: ROXBURYLOT NUMBER: 11DRY WELL OR DRY WELL AND TRENCH

|           | <u>Septic Tank</u> | <u>Minimum Total Square Feet</u>            |
|-----------|--------------------|---------------------------------------------|
| 3 bedroom | 1000 gallon        | <u>                    </u> sq. ft./bedroom |
| 4 bedroom | 1250 gallon        | <u>                    </u>                 |
| 5 bedroom | 1500 gallon        | <u>                    </u>                 |

Inlet            feet below original grade.Bottom maximum depth            feet below original grade.Effective area begins at            feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with            feet of stone below distribution pipe.

TRENCHES158 sq. ft./bedroomTrench to be 2 wide.Inlet 4' feet below original grade.Bottom maximum depth 8 feet below original grade.Effective area begins at 4 feet below original grade.4 feet of stone below distribution pipe.46L  
NO DISPOSAL.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START FIRST TRENCH 475' FROM THE  
EDGE OF ROXMILL / SPLIT RAIL COURT AND 105' FROM  
THE LEFT (320') LOT LINE. RUN TRENCH(S) ALONG LEVEL  
GROUND TOWARD THE FRONT OF PROPERTY.

8-19-83 Craig Williams

2-9-87 ALL REPAIRS TO SYSTEM TO BE SHALLOW INLET 4 BOTTOM  
5.5'

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

A 30237

P \_\_\_\_\_

DISTRICT 4th.

DATE 9/28/79

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 J. Garrett Reilly

ADDRESS Roxbury Mills Rd., Glenwood, Md. 21738 PHONE 489-4481

PROPERTY LOCATION:

SUBDIVISION Roxbury LOT NO. 14

ROAD AND DESCRIPTION Route 97 4098 Roxmill Ct.

SIZE OF LOT 4.35 Acres TYPE BLDG. 3 or 4 Bedrooms

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

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT E. Smariga /s/ *Building Permit Signer*  
*2/18/87*  
*BP# 9905*  
*S. Age*

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 12/4/79 MORE TEST RH

# THIS IS NOT A PERMIT

### SOIL PROFILE

LOT 13

LOT 14

X = ORIGINAL  
PERC SITES

# FIELD SHEET

LOT 15

|    |      |      |      |      |     |
|----|------|------|------|------|-----|
| 5' | 2:59 | 3:06 | 3:06 | 3:27 | 21m |
|----|------|------|------|------|-----|

12/6/79

99

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE

1-4225 PY

2011

52

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|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

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| DATE    | TEST NO.    | DEPTH  | PRE-WET  |       | TEST - 1" DROP |       | TIME  |
|---------|-------------|--------|----------|-------|----------------|-------|-------|
|         |             |        | START    | STOP  | START          | STOP  |       |
| 12/4/79 | 1 S         | 3 1/2  | 221      | 224   | 224            | 226   | 2     |
| 12/4/79 | 1 D         | 12 1/2 | 221      | 229   | 229            | 244   | 15    |
| 1       | 2 S         | 3 1/2  | 246      | 247   | 247            | 250   | 3     |
|         | 2 D         | 11 1/2 | 246      | 257   | 257            | 307   | 10    |
|         | 3 V         | 11     | WATER    |       | 0 1/2          |       | X     |
| 12/6/79 | 4 A         | 4'     | 12:48    | 12:50 | 12:50          | 12:57 | 7 min |
|         | 4 B         | 13'    | 12:48    | 12:50 | 12:50          | 12:53 | 3 min |
|         | Highest 5 A | 4'     | 1:34     | 1:36  | 1:36           | 1:38  | 2 min |
|         | 5 B         | 13'    | 1:34     | 1:36  | 1:36           | 1:42  | 6 min |
|         | 6 A         | 4'     | 1:58     | 2:00  | 2:00           | 2:02  | 2 min |
|         | 6 B         | 12'    | 1:57     | 2:00  | 2:00           | 2:03  | 3 min |
|         | 7 A         | 5'     | 3:07     | 3:09  | 3:09           | 3:11  | 2 min |
|         | 7 B         | 11'    | Handover |       | diving         |       |       |

## SOIL PROFILE

1'-4' CLAY

04-13' LORM

1-4' CLAY

4'-13' L OAM

1-4 CLAY

4'-12' LOAN

1-5' CL

1500000

$\pm 10^{\circ} - 5^{\circ} \approx 11^{\circ} \pi$

(HOLES END TO END MEASUREMENT)

(Sand & Tone)

REMARKS 12/3/79 HOLE PATTERN CHANGED FROM TEST PLAT HOLE ② IS SAME  
OTHER HOLES DIFFERENT

TYPE OF SOIL

TESTED BY

RH & RD

C. B. S.

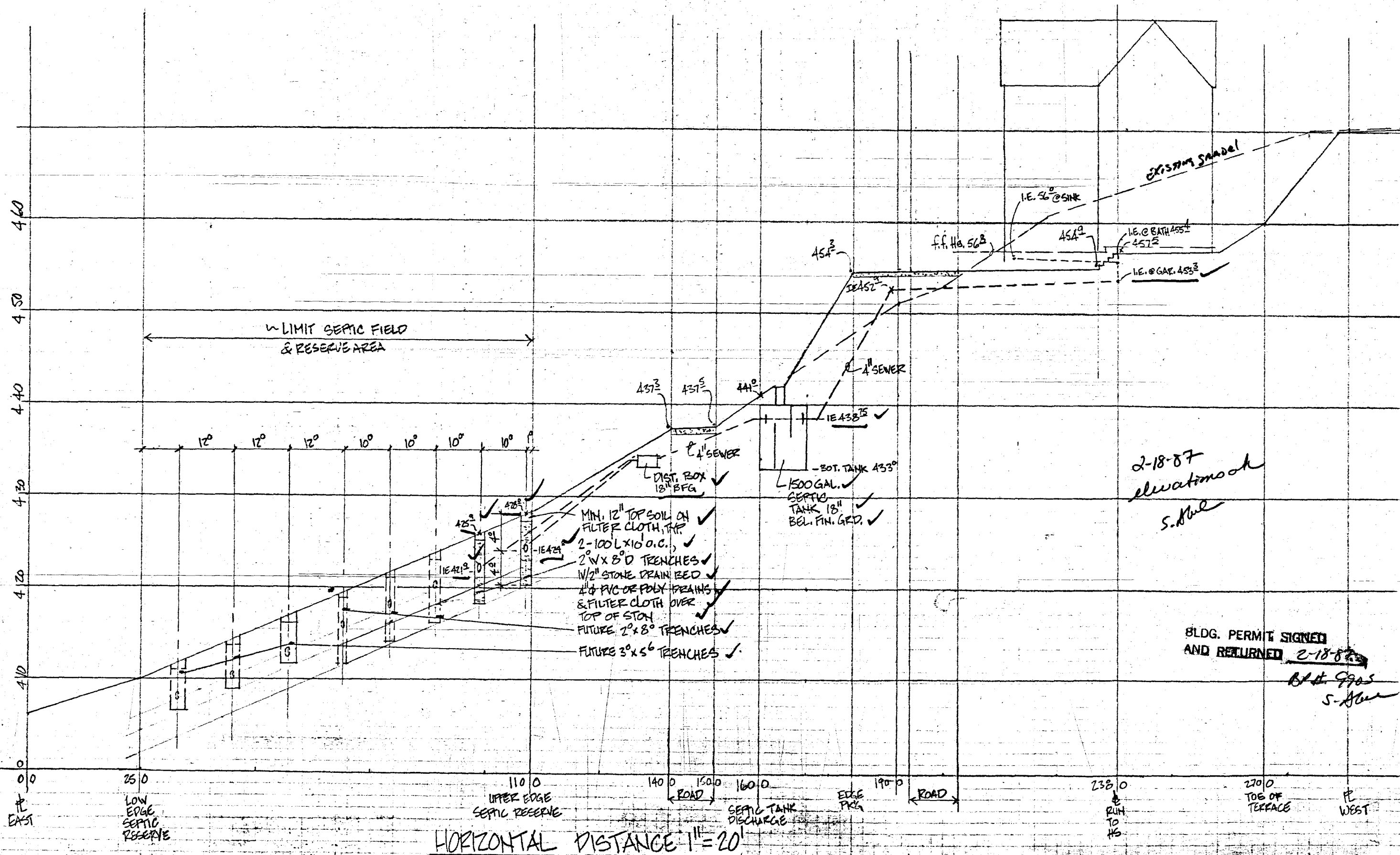
12/6/90

(Hold for review with supervisor)

**ALSO PRESENT**

KETTERMAN II

ELEVATION DISTANCE 1"=10'-0"



2-18-87  
elevations  
S. Hill

BLDG. PERMIT SIGNED  
AND RETURNED 2-18-87  
B.H. 9905  
S. Hill

SEWER/SEPTIC SYSTEM PROFILE  
REGAN RESIDENCE - 4098 ROXMILL COURT  
2/13/87

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER  
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL  
DRILLER:

My well driller is not to install the pump for my water well, and I  
hereby certify that it will be my responsibility to have a Pump Permit  
taken out by a registered master plumber or certified pump installer.  
It will be my responsibility to notify the Health Department before  
and during the installation so that inspections can be made by their  
representative. (Pursuant to Chapter XVII, of the Plumbing Code of  
Howard County.)

Matthew & Barbara Regan

Matthew Regan 2/14/86  
(Name)

5838 Stevens Forest Rd Apt. 12

Columbia, Md. 21045  
(Address)

424-1680 WK (Rockville)  
~~946-2135~~ Hm (Columbia)

964-0532

HO-81-1364

(OEP Well Permit Number)

2/19/86

(Date)

Review OK'd by [signature] 6/27/82

Well Permit No. HO - 81 1364  
Location of property (road) ROX MILL COURT  
Subdivision ROXBURY Lot 11 Block      Plat      Sec. 1  
Well Driller JOSEPH MAYNE Owner REGAN, MATTHEW

Depth of well 165'  
Distance of measuring point (M.P.) above ground 1'  
Static water level (S.W.L.) below M.P. 61'

Time pump started 11:15 Pumping rate 12  
Total time 30 min to reach pumping water level 94 ft. below M.P.

[illegible]

|                                                                                    |                                |                                                                                                                   |                                                                                                 |
|------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>C1</b> <b>00900</b><br>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) | SEQUENCE NO.<br>(OEP USE ONLY) | <b>STATE OF MARYLAND</b><br><b>WELL COMPLETION REPORT</b><br>FILL IN THIS FORM COMPLETELY<br>PLEASE PRINT OR TYPE | THIS REPORT MUST BE SUBMITTED WITHIN<br>45 DAYS AFTER WELL IS COMPLETED.                        |
| DATE Received<br>[ ] [ ] [ ] [ ] [ ] [ ]<br>8 13                                   |                                | DATE WELL COMPLETED<br><b>050786</b><br>15 20                                                                     | COUNTY<br>NUMBER <b>A 30237</b>                                                                 |
| OWNER <b>REGAN</b><br>last name                                                    |                                | Depth of Well<br><b>165</b><br>(TO NEAREST FOOT)                                                                  | PERMIT NO.<br>FROM "PERMIT TO DRILL WELL"<br><b>HO-81-1364</b><br>28 29 30 31 32 33 34 35 36 37 |
| STREET OR RFD <b>ROXMILL COURT</b>                                                 |                                | TOWN <b>GLENWOOD</b>                                                                                              |                                                                                                 |
| SUBDIVISION <b>ROXBURY</b>                                                         |                                | SECTION <b>1</b>                                                                                                  | LOT <b>11</b>                                                                                   |

|                                                                                                                                                                                                                                                                                                        |                 |                                                                                                                                                          |  |                                                                                                                                                                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>WELL LOG</b><br>Not required for driven wells                                                                                                                                                                                                                                                       |                 | <b>GROUTING RECORD</b>                                                                                                                                   |  | <b>C 3</b>                                                                                                                                                                           |  |
| STATE THE KIND OF FORMATIONS<br>PENETRATED, THEIR COLOR, DEPTH,<br>THICKNESS AND IF WATER BEARING                                                                                                                                                                                                      |                 | WELL HAS BEEN GROUTED<br>(Circle Appropriate Box)<br><b>Y</b> <b>N</b><br>44 44                                                                          |  | PUMPING TEST                                                                                                                                                                         |  |
| DESCRIPTION (Use<br>additional sheets if needed)                                                                                                                                                                                                                                                       | FEET<br>FROM TO | TYPE OF GROUTING MATERIAL<br>CEMENT <b>CM</b> BENTONITE CLAY <b>BC</b><br>45 46 45 46                                                                    |  | HOURS PUMPED (nearest hour) <b>3</b><br>8 9                                                                                                                                          |  |
| Brown Shale 0 61<br>Gray mica Rock 61 165 ✓                                                                                                                                                                                                                                                            |                 | NO. OF BAGS <b>13</b> NO. OF POUNDS <b>1222</b><br>45 46 45 46                                                                                           |  | PUMPING RATE (gal. per min.<br>to nearest gal.) <b>12</b><br>11 15                                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                        |                 | GALLONS OF WATER <b>18</b>                                                                                                                               |  | METHOD USED TO<br>MEASURE PUMPING RATE <b>bucket</b>                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                        |                 | DEPTH OF GROUT SEAL (to nearest foot)<br>from <b>0</b> ft. to <b>50</b> ft.<br>48 TOP 52 54 BOTTOM 58<br>(enter 0 if from surface)                       |  | WATER LEVEL (distance from land surface).<br>BEFORE PUMPING <b>161</b><br>17 20                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                        |                 | OTHER CASING RECORD<br>casing types insert appropriate code below<br><b>ST</b> <b>CO</b><br>STEEL CONCRETE<br><b>PL</b> <b>OT</b><br>PLASTIC OTHER       |  | WHEN PUMPING <b>94</b><br>22 23                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                        |                 | MAIN CASING TYPE<br><b>SF</b><br>60 61                                                                                                                   |  | TYPE OF PUMP USED (for test)<br><b>A</b> air <b>P</b> piston <b>T</b> turbine<br>27 27 27                                                                                            |  |
|                                                                                                                                                                                                                                                                                                        |                 | Nominal diameter of main casing<br>(nearest inch) <b>6</b><br>63 64                                                                                      |  | <b>C</b> centrifugal <b>R</b> rotary <b>O</b> other (describe below)<br>27 27 27                                                                                                     |  |
|                                                                                                                                                                                                                                                                                                        |                 | Total depth of main casing<br>(nearest foot) <b>166</b><br>66 70                                                                                         |  | <b>J</b> jet <b>S</b> submersible<br>27 27                                                                                                                                           |  |
|                                                                                                                                                                                                                                                                                                        |                 | OTHER CASING (if used)<br>EACH CASING diameter inch depth (feet) from to                                                                                 |  | PUMP INSTALLED                                                                                                                                                                       |  |
|                                                                                                                                                                                                                                                                                                        |                 | screen type or open hole insert appropriate code below<br><b>ST</b> <b>BR</b> <b>HO</b><br>STEEL BRASS OPEN HOLE<br><b>PL</b> <b>OT</b><br>PLASTIC OTHER |  | DRILLER WILL INSTALL PUMP YES <b>NO</b><br>(CIRCLE) (YES or NO)                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                        |                 | <b>C 2</b>                                                                                                                                               |  | IF DRILLER INSTALLS PUMP, THIS SECTION<br>MUST BE COMPLETED FOR ALL WELLS<br>EXCEPT HOME USE                                                                                         |  |
|                                                                                                                                                                                                                                                                                                        |                 | DEPTH (nearest ft.)<br><b>40</b> <b>65</b> <b>165</b><br>8 9 11 15 17 21                                                                                 |  | TYPE OF PUMP INSTALLED<br>PLACE (A,C,J,P,R,S,T,O)<br>IN BOX - SEE ABOVE: <b>29</b>                                                                                                   |  |
|                                                                                                                                                                                                                                                                                                        |                 | EACH SCREEN<br><b>1</b> <b>2</b> <b>3</b><br>23 24 26 30 32 36<br>38 39 41 45 47 51                                                                      |  | CAPACITY:<br>GALLONS PER MINUTE<br>(to nearest gallon) <b>31</b> <b>35</b><br>31 35                                                                                                  |  |
|                                                                                                                                                                                                                                                                                                        |                 | SLOT SIZE 1 2 3                                                                                                                                          |  | PUMP HORSE POWER <b>37</b> <b>41</b><br>37 41                                                                                                                                        |  |
|                                                                                                                                                                                                                                                                                                        |                 | DIAMETER OF SCREEN <b>56</b> (NEAREST INCH)<br>56 60                                                                                                     |  | PUMP COLUMN LENGTH (nearest ft.) <b>43</b> <b>47</b><br>43 47                                                                                                                        |  |
| CIRCLE APPROPRIATE LETTER<br>A A WELL WAS ABANDONED AND SEALED<br>WHEN THIS WELL WAS COMPLETED<br>E ELECTRIC LOG OBTAINED<br>P TEST WELL CONVERTED TO PRODUCTION WELL                                                                                                                                  |                 | GRAVEL PACK IF WELL DRILLED WAS<br>FLOWING WELL INSERT F IN BOX 68                                                                                       |  | CASING HEIGHT (circle appropriate box<br>and enter casing height)<br><b>+</b> above <b>-</b> below <b>50</b> (nearest foot)<br>49 49 50 51                                           |  |
| I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN<br>ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"<br>AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE<br>ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION<br>PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST<br>OF MY KNOWLEDGE. |                 | OEP USE ONLY<br>(NOT TO BE FILLED IN BY DRILLER)<br>T (E.R.O.S.) WQ<br>70 72 74 75 76<br>TELESCOPE CASING LOG INDICATOR OTHER DATA                       |  | LOCATION OF WELL ON LOT<br>SHOW PERMANENT STRUCTURE SUCH AS<br>BUILDING, SEPTIC TANKS, AND/OR<br>LANDMARKS AND INDICATE NOT LESS<br>THAN TWO DISTANCES<br>(MEASUREMENTS TO WELL)<br> |  |
| DRILLERS IDENT. NO. <b>238</b><br><b>Joseph L. Morgan</b>                                                                                                                                                                                                                                              |                 |                                                                                                                                                          |  |                                                                                                                                                                                      |  |
| DRILLERS SIGNATURE<br>(MUST MATCH SIGNATURE ON APPLICATION)                                                                                                                                                                                                                                            |                 |                                                                                                                                                          |  |                                                                                                                                                                                      |  |
| SITE SUPERVISOR (sign. of driller or journeyman<br>responsible for sitework if different from permittee)                                                                                                                                                                                               |                 |                                                                                                                                                          |  |                                                                                                                                                                                      |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                                                                                                                                                                                                                                             |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>B 1</b><br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">4588</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SEQUENCE NO.<br>(OEP USE ONLY) | <b>STATE OF MARYLAND</b><br><b>PERMIT TO DRILL WELL</b><br>please print or type                                                                                                                                                                                             | OEP PERMIT NUMBER<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">HO-81-1364</div> |
| Date Received<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">02/18/86</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                | <b>B 3</b> LOCATION OF WELL                                                                                                                                                                                                                                                 |                                                                                                                                    |
| <b>OWNER INFORMATION</b><br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">REGAN</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">MATTHEW</div>                                                                                                                                                                                                                                                                                                                                      |                                | 8 COUNTY<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">ROXBURY</div>                                                                                                                                                      |                                                                                                                                    |
| 15 Last Name<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5838 STEVENS FORREST</div>                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                | 23 SUBDIVISION<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">11</div>                                                                                                                                                     |                                                                                                                                    |
| 36 Street or RFD<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">COLUMBIA</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                | SECTION<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">44</div>                                                                                                                                                            |                                                                                                                                    |
| 57 Town<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">MD 21045</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                | LOT<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">48</div>                                                                                                                                                                |                                                                                                                                    |
| <b>DRILLER INFORMATION</b><br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Joseph L. Mayne</div>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                | 52 NEAREST TOWN<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">GLENWOOD</div>                                                                                                                                              |                                                                                                                                    |
| Driller's Name<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Joseph L. Mayne</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                | MILES FROM TOWN (enter 0 if in town)<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">2 1/2</div>                                                                                                                            |                                                                                                                                    |
| Firm Name<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5512 Ridge Rd. Mt. Airy, Md.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                | <b>B 4</b>                                                                                                                                                                                                                                                                  |                                                                                                                                    |
| Address<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Joseph L. Mayne</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                | 11 NEAR WHAT ROAD<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">Roxmill Court</div>                                                                                                                                       |                                                                                                                                    |
| Signature<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">2/17/86</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                | 34 DISTANCE FROM ROAD<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">600</div>                                                                                                                                             |                                                                                                                                    |
| <b>B 2</b> WELL INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                | 11 NORTH<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">N</div>                                                                                                                                                            |                                                                                                                                    |
| 1 APPROX. PUMPING RATE (GAL. PER MIN.)<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5</div>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                | 37 DISTANCE FROM ROAD<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">600</div>                                                                                                                                             |                                                                                                                                    |
| AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY)<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">500</div>                                                                                                                                                                                                                                                                                                                                                                                                                               |                                | ENTER FT or MI<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">FT</div>                                                                                                                                                     |                                                                                                                                    |
| <b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b><br><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)<br><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)<br><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)<br><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)<br><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)                   |                                | NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">HOWARD</div>                                                                                                      |                                                                                                                                    |
| APPROXIMATE DEPTH OF WELL<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">260</div> FEET                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                | COUNTY NAME<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A 30237</div>                                                                                                                                                   |                                                                                                                                    |
| APPROXIMATE DIAMETER OF WELL<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">6</div> INCH                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                | COUNTY NO.<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A 30237</div>                                                                                                                                                    |                                                                                                                                    |
| <b>METHOD OF DRILLING (circle one)</b><br><input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN<br><input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary)<br><input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT<br>other _____                                                                                                                                 |                                | OEP SIGNATURE<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A. Nihon</div>                                                                                                                                                |                                                                                                                                    |
| <b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b><br><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL<br><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED<br><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY<br><input type="checkbox"/> THIS WELL WILL DEEPEN AN EXISTING WELL<br>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">41</div> |                                | DATE ISSUED<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">022786</div>                                                                                                                                                    |                                                                                                                                    |
| Not to be filled in by driller (OEP USE ONLY)<br>APPROP. PERMIT NUMBER<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">G A P</div>                                                                                                                                                                                                                                                                                                                                                                                                   |                                | CO SIGNATURE<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">A. Nihon</div>                                                                                                                                                 |                                                                                                                                    |
| FORCE<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">67 68</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                | EXP. DATE<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">8/27/86</div>                                                                                                                                                     |                                                                                                                                    |
| SPECIAL CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                | SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X<br>SOURCES OF DRILLING WATER<br>1. WELL<br>2.<br>3.<br>WRITE THE BOX NUMBER FROM THE MAP HERE<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">E 786 6<br/>N 536 18</div> |                                                                                                                                    |
| HEALTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                | DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION<br><div style="border: 1px solid black; padding: 2px; display: inline-block; font-size: 1.2em;">5/7/86</div>                        |                                                                                                                                    |



ASAP

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Court House Square  
Ellicott City, Md. 21043  
461-9933

New Installation ☒  
Replacement ☐

Receipt # 39733  
Date 7/27/87

Name of Installer R. A. WOOD PLUMBING

Telephone 381-4823

License number 7040

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner MATHEW REGAN

Telephone 964-0532

Subdivision ROXBURY ESTATES

Lot # 11

Well tag # HO-21-1364

Site Address LOT # 11

4098 ROXBURY MILL CIRCLE

Pump

- Type
  - Deep well jet ☐
  - Shallow well jet ☐
  - Submersible ☒

2. Make JACUZZI

3. Model # 7EH

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☒

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

1. Horsepower 1/2

2. RPM 1750

3. Voltage ☐

a. 110 ☐

b. 220 ☒

Pitless Adapter

1. Make GOULDS

2. Model # PRESSURE

3. Depth 4'

Tank

1. Capacity 3 GALL

2. Pressure relief  
valve? 75 PSI

Piping

1. Type POLYBUTYLENE

2. Size D-1"

3. NSF and/or BOCA

Code approved ☒

4. Depth of supply

line 150'

Well data

1. Depth 150 ft.

2. Yield 5 GPM

3. Static water

level 60 ft.

4. Will water supply

be disinfected by

installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

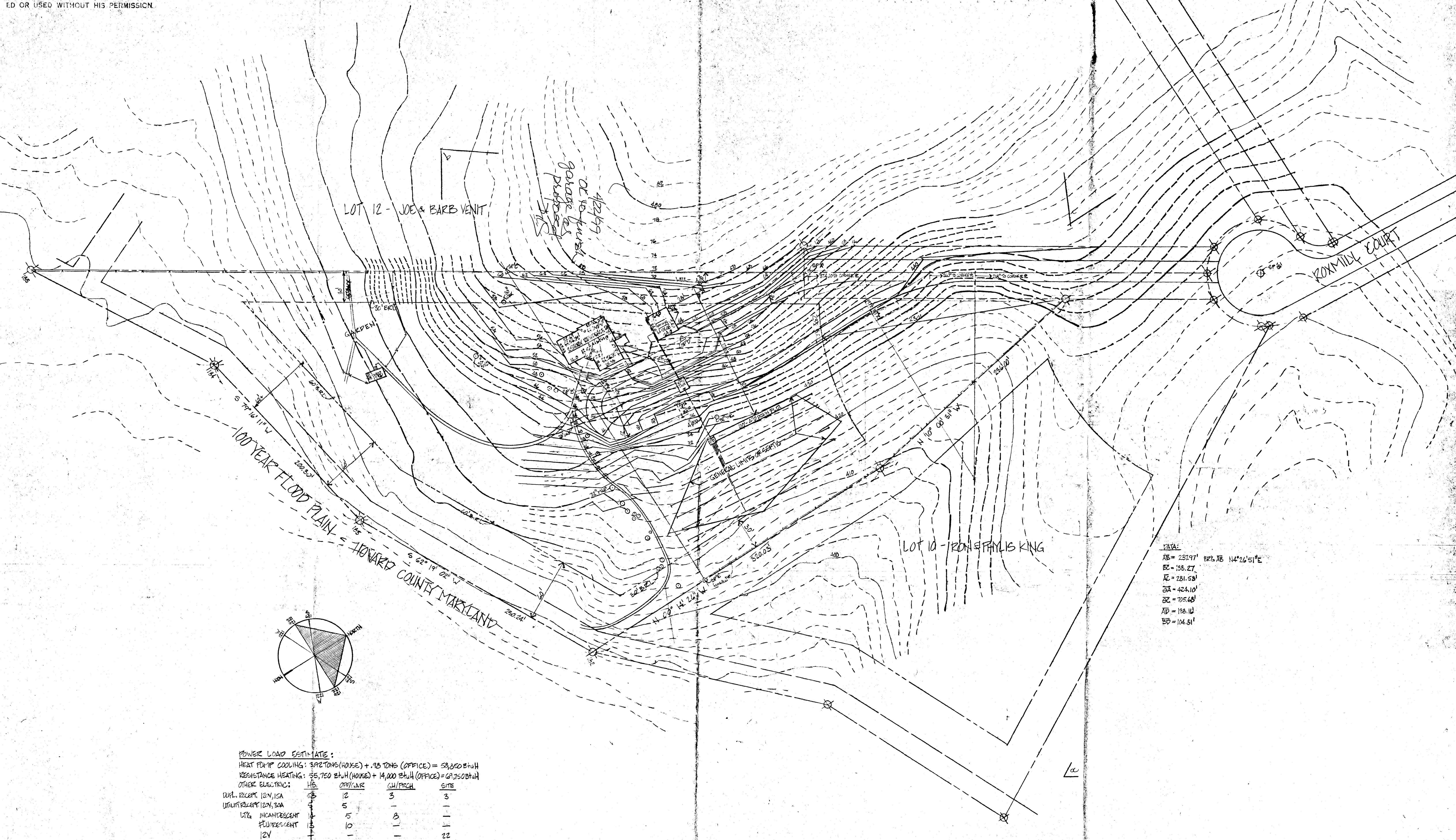
Signature of Applicant: [Signature]

Date: 7-27-87

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

7/28/87 OK TO COVER

LINES & PITLESS ADAPTER PRESSURE TANK  
NOT YET INSTALLED



**SITE PLAN** (REVISED 4-21-99) **1" = 40'**

REGAN RESIDENCE - LOT 12 ROXBURY ESTATES 4.339 ACRES  
 4098 ROXBURY COURT, ROXBURY MILLS, HOWARD COUNTY, MARYLAND 20833  
 PLAT 5485, 4<sup>TH</sup> ELECTION DISTRICT, CENSUS TRACT 6040, ZONED R1

**MATTHEW REGAN**  
**ARCHITECTS AND PLANNERS**  
 5938 ROXBURY COURT, GLENMARTIN, MD 20738  
 5938 STEVENS FOREST ROAD, COLUMBIA, MARYLAND

6-2-87  
**A1**