

1/21/81  
TOS

04-338898

APPROVED  
1/27/81 RIT  
P 30630  
A 26602

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th.

INDEXED

DATE 4/16/80

Robert Frye IS PERMITTED TO INSTALL  ALTER

ADDRESS 6271 Oakland Mills Road, Sykesville, Md. 21784 PHONE 795-3115

SUBDIVISION Westcliffe Manor ROAD 13738 Barberry Way LOT 13, Sec 1

PROPERTY OWNER Robert Frye and Francis Peach *Michael + Gail Surgen*

ADDRESS 1247 Liberty Road Sykesville, Md. 21784

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

*Dry Well* SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 120 SQ. FT. *per bedroom*

INLET PIPE 4 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 12 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 1/2 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 engineers platt: 88 feet off left property line and 190 feet from rear property line when facing lot from Barberry Way. Perc holes (1&2) or if dry well and trench used - need 5 feet earth buffer between trench and dry well. Call for two inspections of trench before and after stone in.*

PLANS APPROVED BY C. B. Streaker DATE 1/13/78

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

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

PERMIT VOID AFTER THREE YEARS.

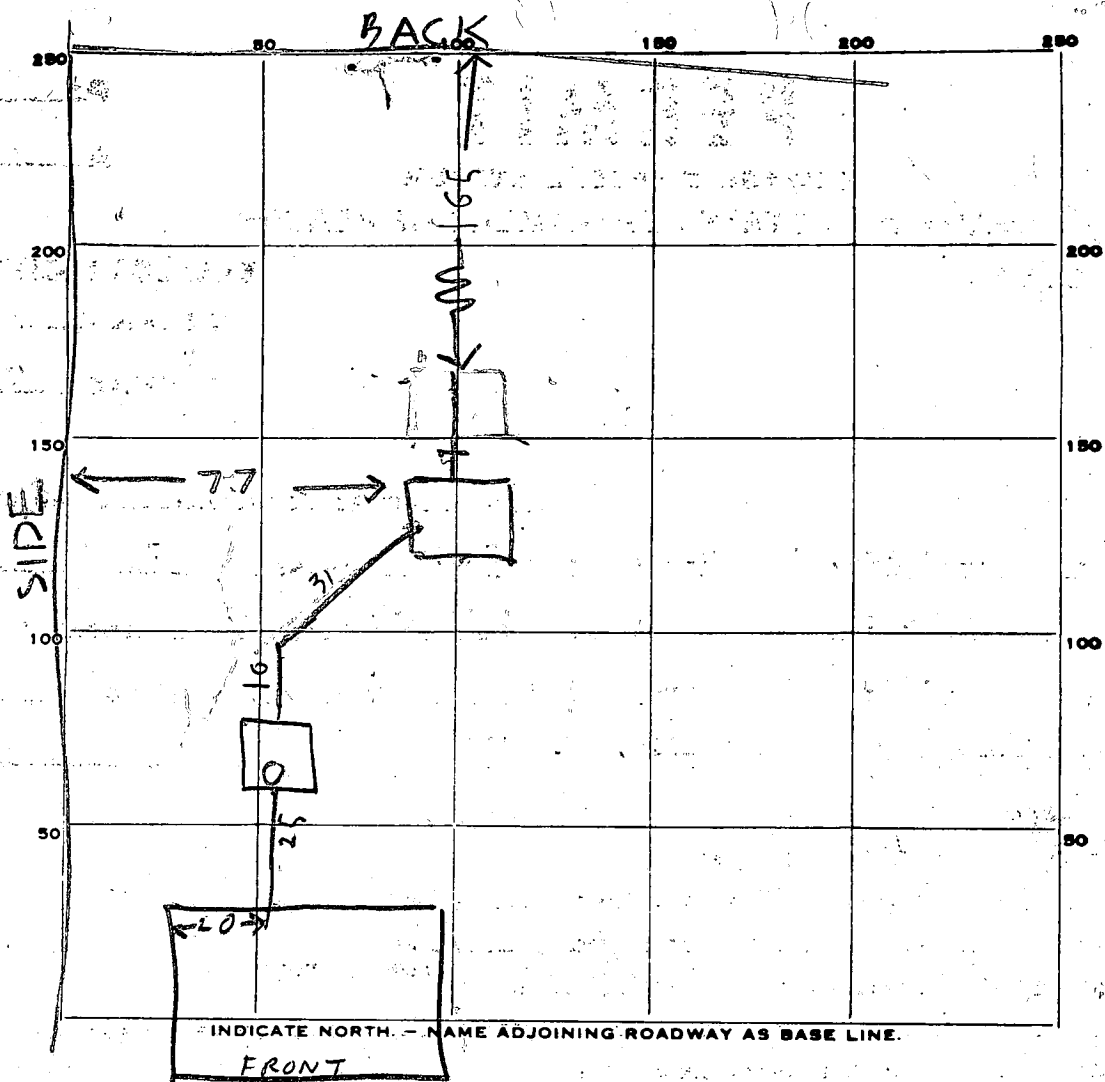
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

BUDG. PERMIT SIGNED  
AND RETURNED *1/28/80*  
*Serial #23736 - part*

A 26602

95



136  
296

PERMIT CARD

(W)

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

SEPTIC TANK, LEVEL OK 1250 (BABYLON VAULT) CLEANOUTS

DISTRIBUTION BOX, LEVEL

TRENCH FILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 1/2 FT.

GRAVEL DEPTH 8 FT IN. TOTAL LENGTH 11 1/2 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 74 ONE SIDE BELOW TOP 5 1/2 CLAY

SEEPAGE PITS, INSIDE DIAMETER PERIMETER 66 FT. DEPTH BELOW INLET 9 FT.

ABSORBENT AREA 450 SQ. FT. BELOW TOP 5 1/2 FT OF CLAY

REMARKS 1/27/81<sup>230</sup> - DW INLET 4 FT BELOW GRADE DITCH INLET 4 1/2 FT BELOW GRADE WATER WELL 53 FT IN FRONT

OF HOUSE ADD STONE TO DITCH RH

1/27/81 - 300PM STONE ADDED 74 + 450 = 524  
50 FT DW + DITCH

DATE SYSTEM APPROVED 1/27/81

INSPECTOR Raymond Hodges

PRELIMINARY

# APPLICATION

A 26602

P \_\_\_\_\_

## 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 1000 gallons  
4th  
DATE 8/16/77  
1250  
120 sq. ft. effective

BLDG. PERMIT SIGNED  
AND RETURNED 3/20/80  
Serial # 42737

Septic tank { 1-3 Bedrooms  
4 Bedrooms }  
Dry well to have  
absorbant sidewall area per bedroom below  
first 5 1/2' of original soil. Inlet to be 4' and maximum  
depth 12 1/2'. Location per engineers plat; 88' off  
left property line + 190' from rear property line when  
facing lot from Barberrry Way. Per hole (H2)

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.

Robert L Frye  
J G B Partnership

PROPERTY OWNER

ADDRESS 1247 Liberty Road  
5632 Stevens Forest Rd., Apt. 254, Columbia 21045 PHONE Ron Carter - 837-0194

PROPERTY LOCATION:

SUBDIVISION Westcliffe Manor

LOT NO. 37

ROAD AND DESCRIPTION off Underwood Road - 13732 Barberrry Way

SIZE OF LOT 50,000 sq. ft.

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/ Ron Carter

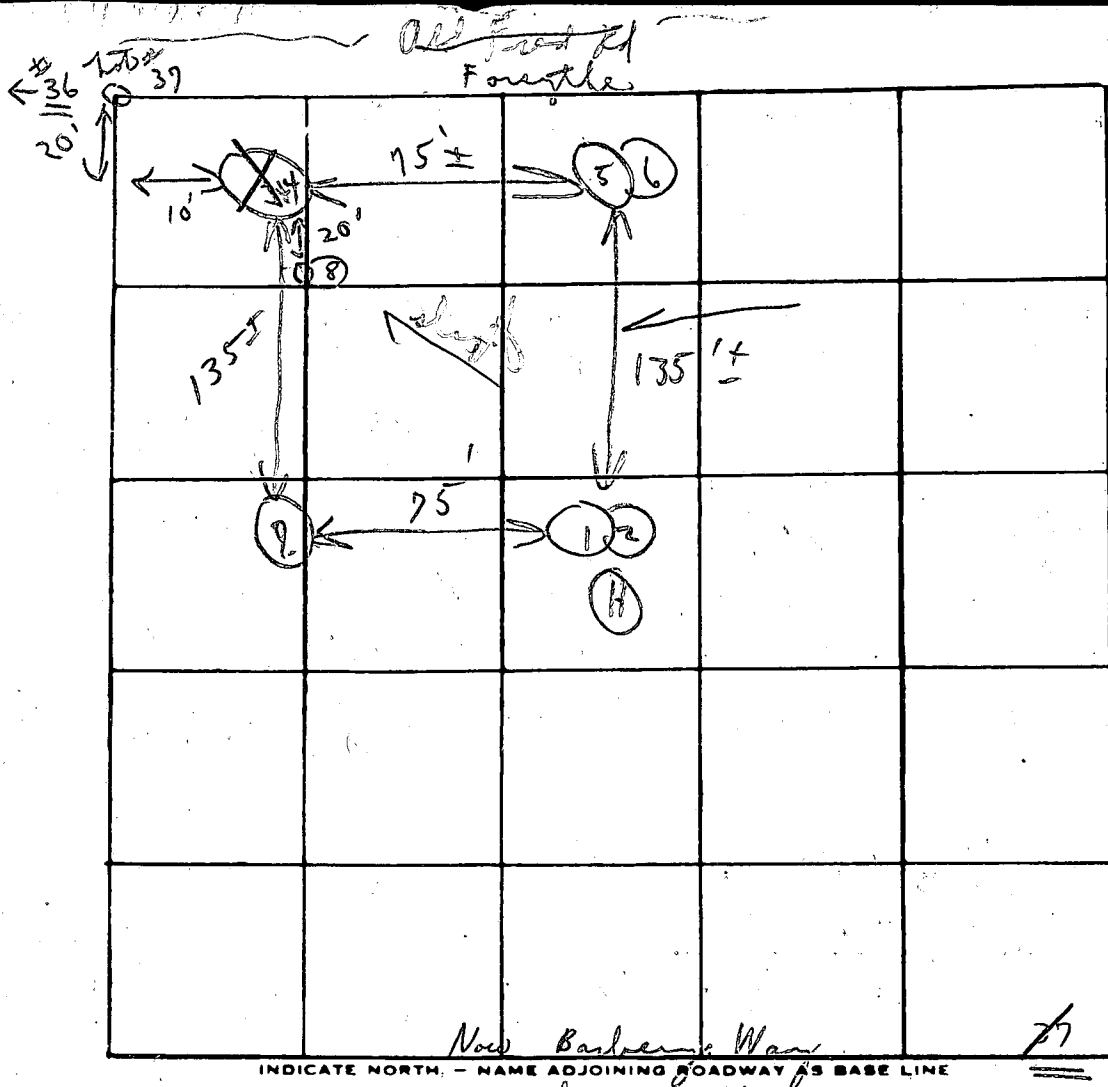
APPROVED BY C. B. Streaker FOR dry well & tr DATE 1/13/78  
dry well & trench  
(KIND OF SYSTEM)

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



lot #37

New #13

Soil Profile

| DATE    | TEST NO. | DEPTH        | PRE-WET         |      | TEST - 1" DROP |      | TIME |    |
|---------|----------|--------------|-----------------|------|----------------|------|------|----|
|         |          |              | START           | STOP | START          | STOP |      |    |
| 8/30/73 | 1        | 5 1/2'       | 1:14            | 1:16 | 1:16           | 1:19 | 3m   |    |
|         | 2        | 13 1/2'      | 1:14            | 1:18 | 1:18           | 1:24 | 6m   |    |
|         | 3        | 9'           | 1:09            | 1:X  | 1:X            | 1:X  |      |    |
|         | 4        | 13'          | 1:10            | 1:17 | 1:17           | 1:29 | 12m  |    |
|         | 5        | 4 1/2'       | 1:08            | 1:11 | 1:11           | 1:17 | 6m   |    |
|         | 6        | 13'          | 1:08            | 1:12 | 1:12           | 1:17 | 5m   |    |
|         | 7        | 12'          | Veneer Dry      |      | seeds          |      | both |    |
|         | 8        | 6'-6 1/2'    | 1:31            | 1:34 | 1:34           | 1:39 | 5m   |    |
|         |          | 12 1/2' deep | sun. types soil |      |                |      | 6/37 | 9m |

Damp  
from  
below  
clay

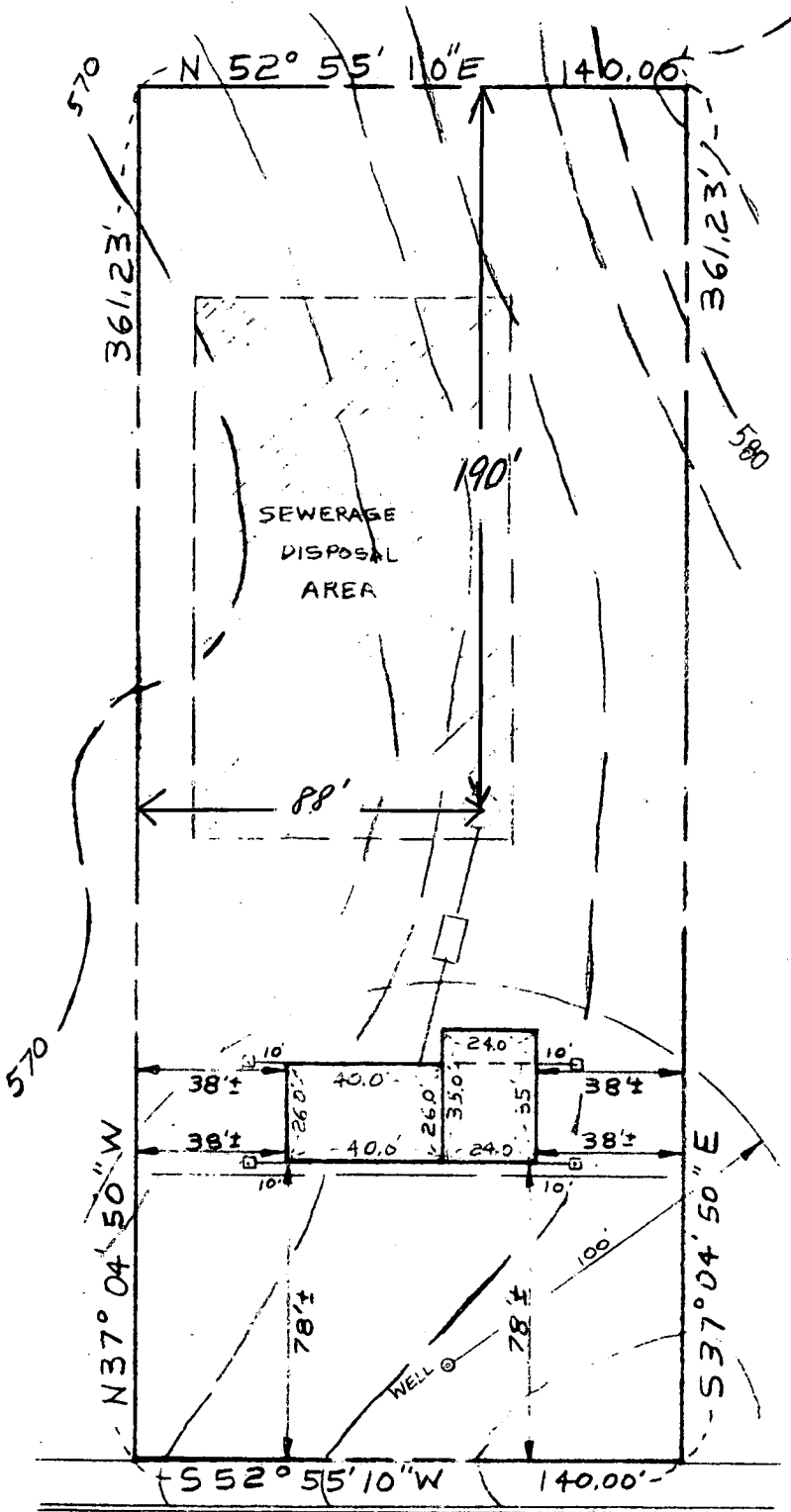
120 yft  
safety 4'  
good ground  
5 1/2'

REMARKS: open field

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

TESTED BY: C. B. D.

ALSO PRESENT: Freshman



## SITE PLAN

BARBERRY WAY  
 LOT 13  
 WESTCLIFFE MANOR  
 PLAT NO. 3897  
 ELECT. DIST. 4  
 HOWARD COUNTY, MD.

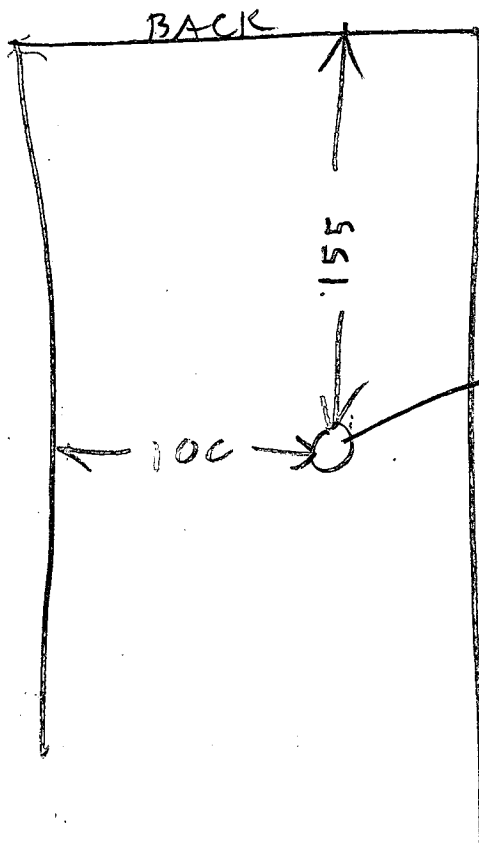
## DRYWELL DATA

|                      |            |
|----------------------|------------|
| INV. IN DRYWELL      | 571.50     |
| INV. OUT SEPTIC TANK | 572.15 ✓   |
| INV. IN SEPTIC TANK  | 572.40 ✓   |
| INV. OUT DWELLING    | 573.05 ✓   |
| FIRST FLOOR ELEV.    | 577.00     |
| BASEMENT ELEV.       | 568.50     |
| WELL ELEV.           | 576.20     |
| NO. BEDROOMS         | 4          |
| ACREAGE              | 1.1620 AC. |

NOTE: NO PLUMBING  
 IN BASEMENT

R.M. 3/20/80 o/p  
 C.B.O.  
 Review P.W.M.  
 ol

BARBERRY WAY 50' R/W



ROCK 7 FT TO 9 1/2 FT  
AT DRYWELL SITE

CALL ROBERT FRYE

795 3115 HOME

$$\begin{array}{r}
 11.5 \\
 6.5 \\
 \hline
 575 \\
 690 \\
 \hline
 7475 \\
 10 \text{ FT}
 \end{array}$$

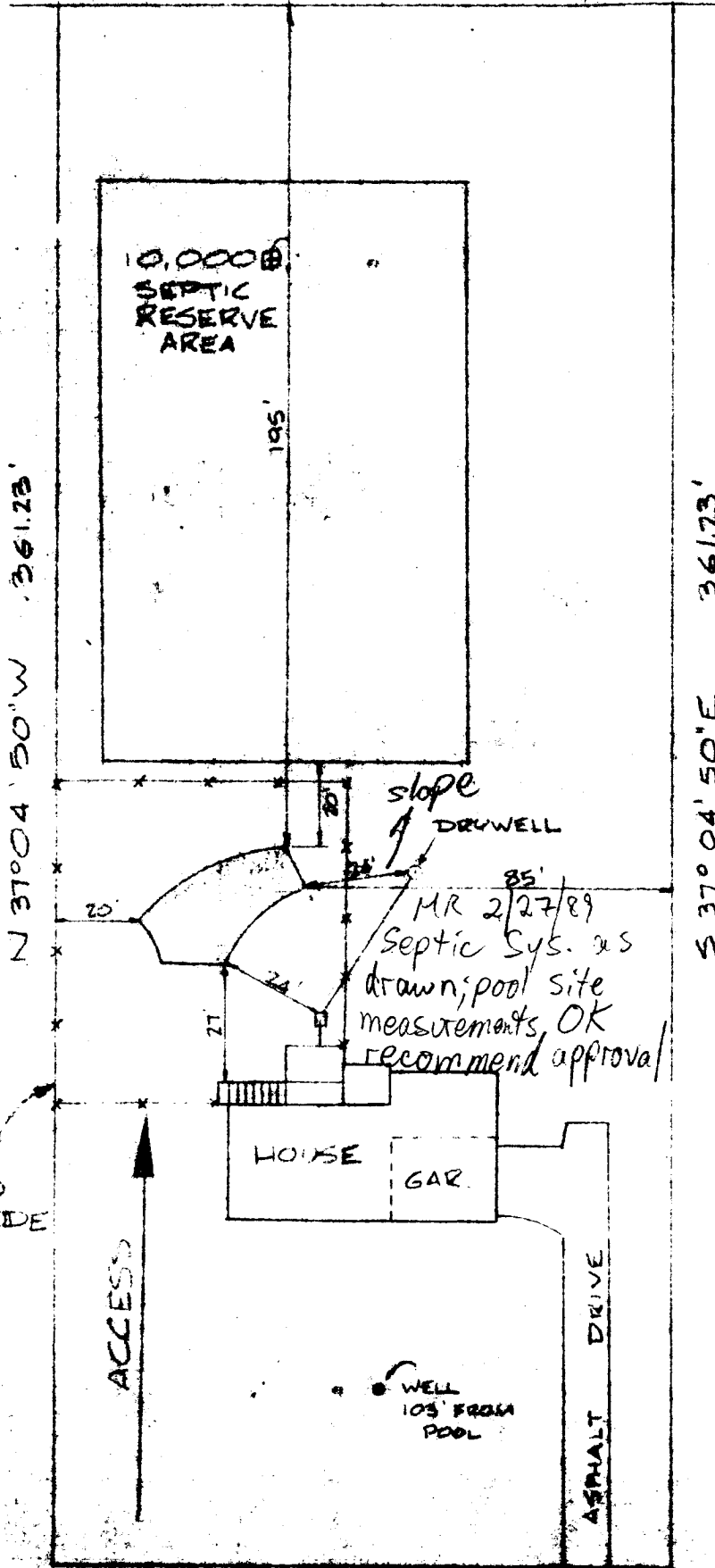
512

$$\begin{array}{r}
 11.5 \\
 7.5 \\
 \hline
 575 \\
 205 \\
 \hline
 85.25
 \end{array}$$

$$\begin{array}{r}
 450 \\
 25 \\
 \hline
 535
 \end{array}$$

120  
4

N 52° 55' 10" E 140.00'



SCALE  
1" = 40' 0"

PROPOSED  
6 FENCE CODE

BARBERRY WAY  
30' W

C 1 **3722** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WATER RESOURCES ADMINISTRATION**  
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

**FILL IN THIS FORM COMPLETELY**

COUNTY NUMBER **A26602**

DATE RECEIVED (WRA USE ONLY) **March 19, 1980** DATE WELL COMPLETED

DEPTH OF WELL **160** (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **MO-73-3533**

DRILLERS IDENTIFICATION NO. **256**

OWNER **Fye, Robert L. & Peach, Francis**

STREET OR RFD **1247 Liberty Road** POST OFFICE **Sykesville, Md. 21784**

**WELL LOG**

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY) | FEET |     | CHECK IF WATER BEARING |
|--|------|-----|------------------------|
|  | FROM | TO  |                        |
| Dirt   | 0    | 7   |                        |
| Blue Sandstone                                   | 7    | 38  |                        |
| Brown Sandstone & Gravel                         | 38   | 39  | X                      |
| Blue Sandstone                                   | 39   | 80  |                        |
| Brown Sandstone                                  | 80   | 81  | X                      |
| Blue Sandstone                                   | 81   | 120 |                        |
| Brown Sandstone                                  | 120  | 121 | X                      |
| Blue Sandstone                                   | 121  | 137 |                        |
| Brown Sandstone                                  | 137  | 138 | X                      |
| Blue Sandstone                                   | 138  | 160 |                        |

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  Y  N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT  CM  BC BENTONITE CLAY

NO. OF BAGS **35** NO. OF POUNDS **3,290**

GALLONS OF WATER **210**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM **0** FT. TO **70** FT.

**CASING RECORD**

CASING TYPES (INSERT APPROPRIATE CODE BELOW)

STEEL  X  CO CONCRETE

PLASTIC  PL  OT OTHER

MAIN CASING TYPE  S  T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6**

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **72**

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW)

STEEL  ST  BR BRASS OR BRONZE  HO OPEN HOLE

PLASTIC  PL  OT OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM **72** TO **160**

EACH SCREEN

|   |    |    |    |    |    |    |
|---|----|----|----|----|----|----|
| 1 | 8  | 9  | 11 | 15 | 17 | 21 |
| 2 | 23 | 24 | 26 | 30 | 32 | 36 |
| 3 | 38 | 39 | 41 | 45 | 47 | 51 |

SLOTS SIZE 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

DIAMETER OF SCREEN **5.6** (NEAREST INCH)

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX)  F

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

TELESCOPE CASING  T  70

LOG INDICATOR  (E.R.O.S.)  72

OTHER DATA AVAILABLE  W  Q  74  75  76

**PUMPING TEST**

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

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **12**

METHOD USED TO MEASURE PUMPING RATE **Flowmeter**

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING: **67** (NEAREST FOOT)

WHEN PUMPING: **137** (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)

A AIR  P PISTON  T TURBINE

C CENTRIFUGAL  R ROTARY  O OTHER (DESCRIBE BELOW)

J JET  S SUBMERSIBLE

**PUMP INSTALLED**

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  Y  N

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**

PUMP HORSE POWER **37** **41**

PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

**CASING HEIGHT** (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE  BELOW

LAND SURFACE (NEAREST FOOT) **50** **51**

**LOCATION OF WELL ON LOT**

SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

*Handwritten notes:*  
 X well  
 under Wood Rd.  
 100' to 150' (diagonal line)

**CIRCLE APPROPRIATE BOXES**

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME **Dana Kyker, Jr, II**

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

SIGNATURE *Dana Kyker, Jr, II*