

1/27/81

04-338898

APPROVED
1/27/81 RIT

PERMIT

P 30630

A 26602

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 per bedroom SQ. FT.

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.

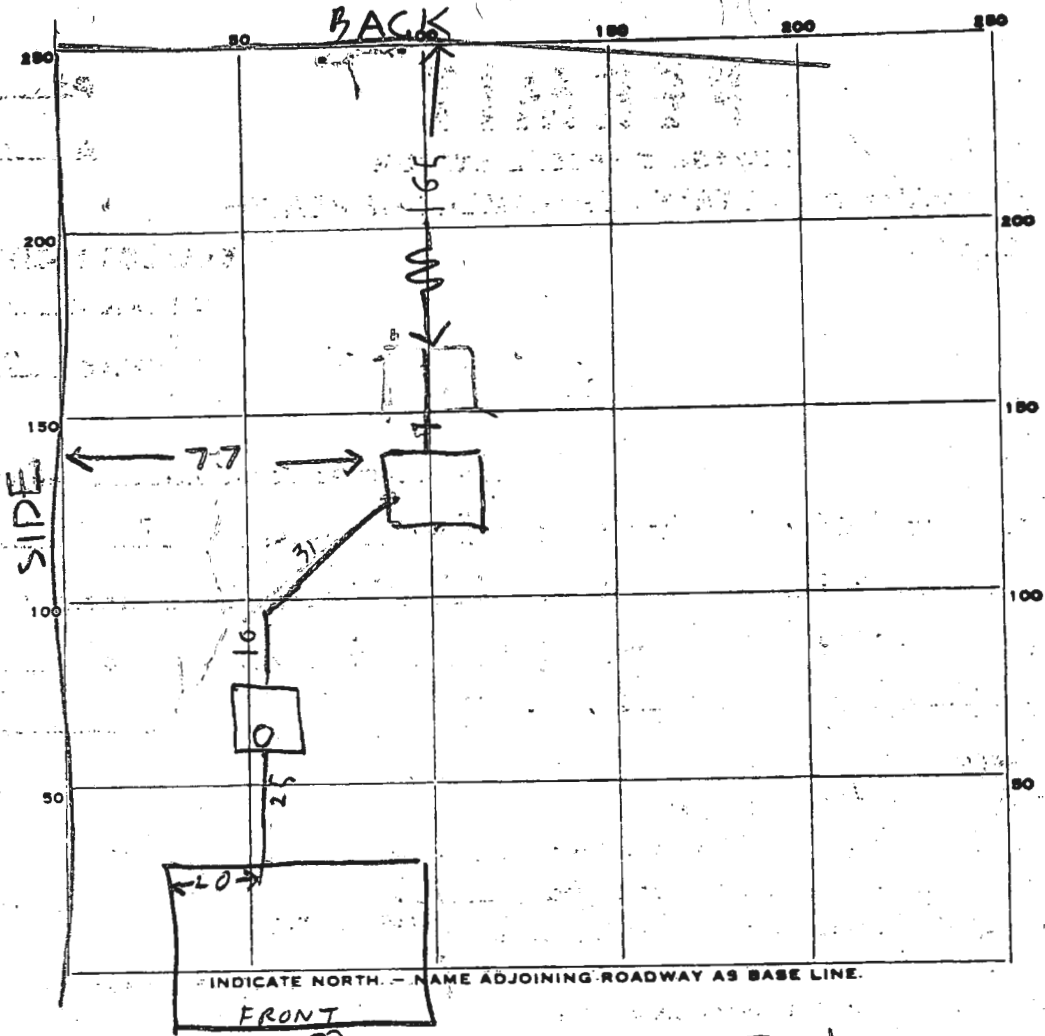
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

BUDG. PERMIT SIGNED AND RETURNED

Serial #23736 port

A 26602

95



136
296

PERMIT CARD

(W)

ST	DW
OK	OK

SEPTIC TANK, LEVEL OK 1250 (BABALON 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 1/27/81²³⁰ - 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

SEWAGE DISPOSAL TESTING

P. _____

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

Septic tank { ^{1-3 bedrooms} 1000 gallons
 { ^{4 bedrooms} 1250 gallons
DATE 8/16/77
120 g.p.t. effective

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

absorbent 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 Barberray Way. Per hole (H2)

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

- ⊗ if dry well & trench used - need:
 - ① 5' earth buffer between trench and dry well.
 - ② 2 inspections of trench

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

Robert L. Frye

PROPERTY OWNER J & B Partnership

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

PROPERTY LOCATION:

Sykesville, Md 21784

Any questions call
before and after storm
New #13

SUBDIVISION Westcliffe Manor

LOT NO. 37

ROAD AND DESCRIPTION off Underwood Road - 13738 Barberray 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

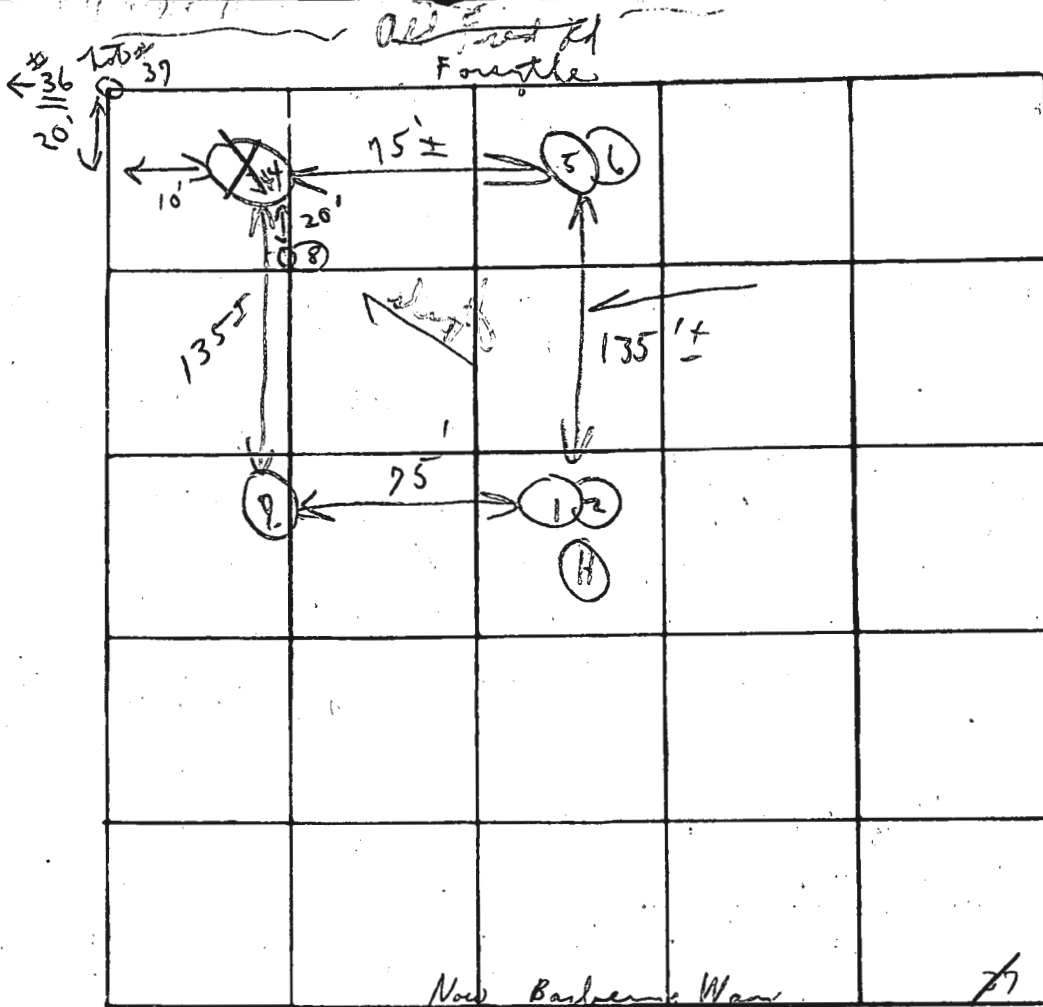
APPROVED BY C. B. Straker FOR dry well & trench DATE 1/13/78
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



Soil Profiles

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/30/97	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	7'	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'	Visual	Dry	scum	Bottom	
	8	6'-6 1/2'	1:31	1:34	1:34	1:39	5m
		12 1/2' deep	same	types	soil		6/37

120 sq ft

Very
thin
below
clay

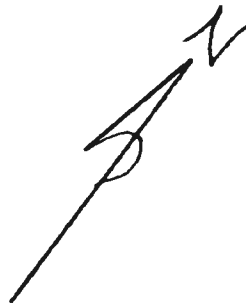
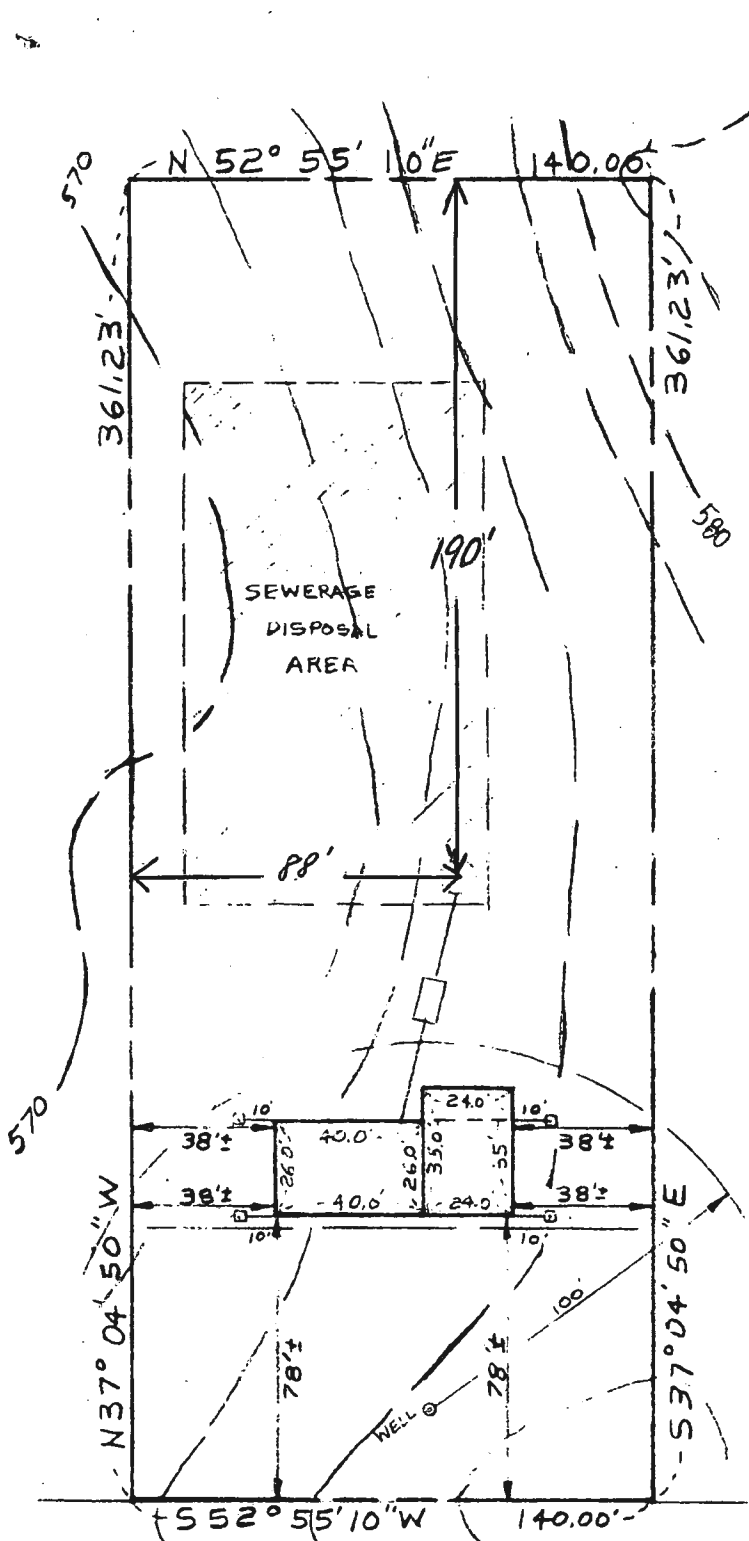
under 4'
good ground
5 1/2'

7m

REMARKS open field

TYPE OF SOIL _____

TESTED BY C. B. ad ALSO PRESENT: F. J. ...



SITE PLAN

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

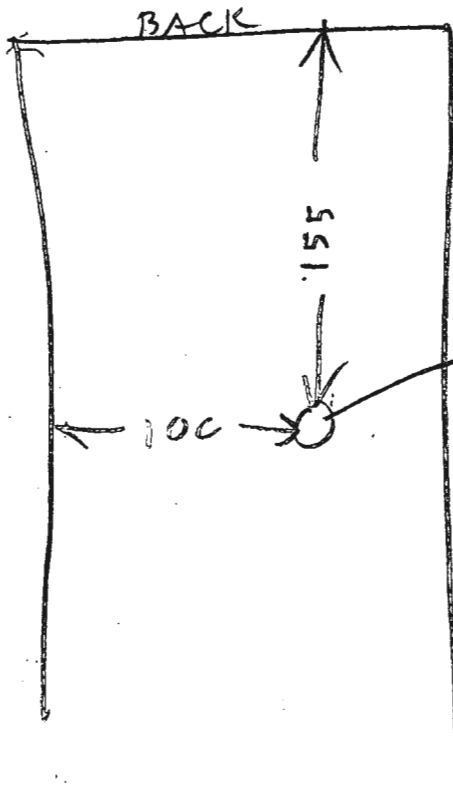
DRYWELL DATA

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 *ok*,
 C.B.D. *ok* Review P.W.M.
ok

BARBERRY WAY 50' R/W



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

CALL ROBERT FRYE
795 3115 HOME

$$\begin{array}{r}
 11.5 \\
 6.5 \\
 \hline
 575 \\
 690 \\
 \hline
 7475 \\
 512
 \end{array}$$

$$\begin{array}{r}
 11.5 \\
 7.5 \\
 \hline
 575 \\
 205 \\
 \hline
 25.25
 \end{array}$$

$$\begin{array}{r}
 450 \\
 25 \\
 \hline
 575
 \end{array}$$

12⁰
4

N 52° 55' 10" E 140.00'

10,000
SEPTIC
RESERVE
AREA

195'

N 37° 04' 50" W 361.23'

S 37° 04' 50" E 361.23'

SCALE
1" = 40.00'

PROPOSED
& FENCE & GATE

ACCESS

WELL
105' FROM
POOL

HOUSE
GAR.

ASPHALT DRIVE

Septic Sys. as
drawn, pool site
measurements OK
Recommend approval

DRIVEWELL
slope

MR 2/27/89

25'

27'

21'

85'

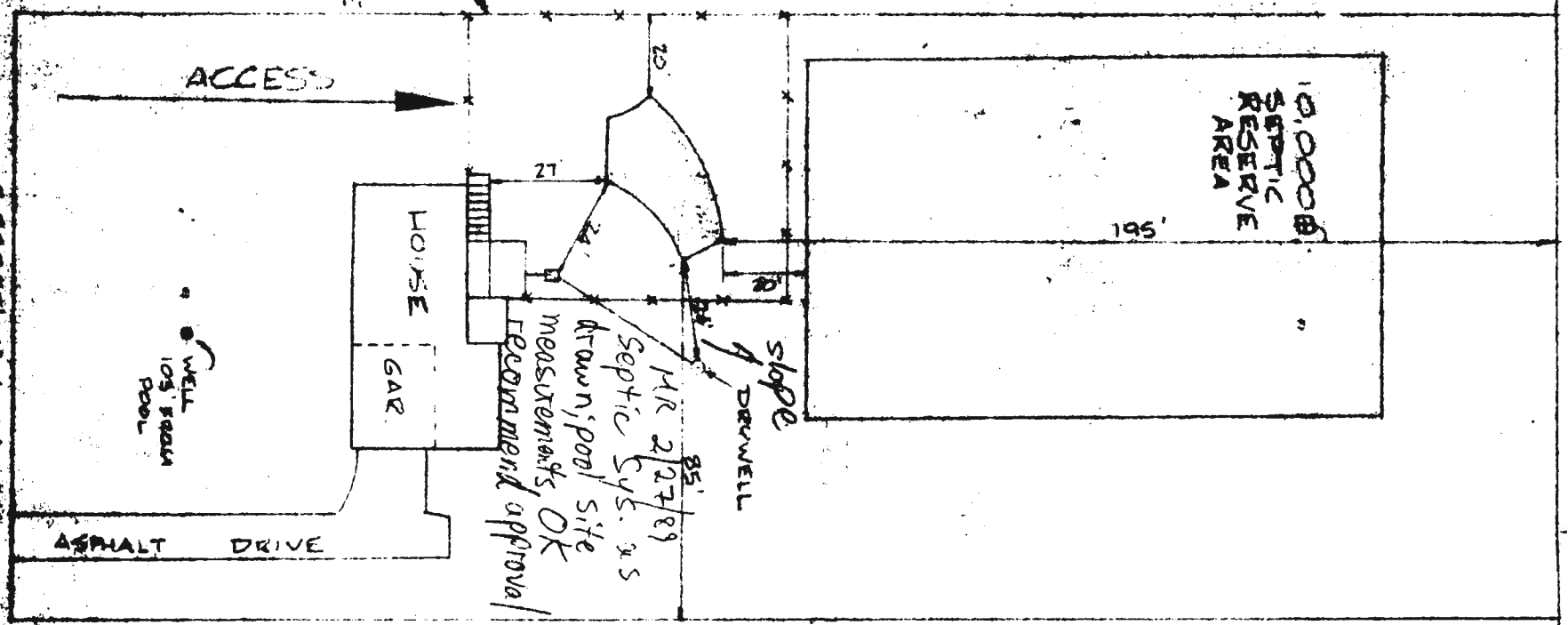
84'

8'

S 32° 04' 10" W 140.00'

BARBERY WAY

40' x 40'



C 1 **3722**
 SEQUENCE NO. (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 OF 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
031980

DEPTH OF WELL
160
 22 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"
MO-73-3533
 28 29 30 31 32 33 34 35 36 37
256
 DRILLERS IDENTIFICATION NO.

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

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

WELL DESCRIPTION

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 YES NO
 WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)
 44 44
 TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 CEMENT M BENTONITE CLAY B C
 45 46 45 46
 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.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD
 INSERT APPROPRIATE CODE BELOW
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE S T **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **72**
 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

EACH SCREEN
 1 **NO** DEPTH (NEAREST WHOLE FOOT) **7** FROM **160**
 8 9 11 15 17 21
 2 [] [] [] [] [] []
 23 24 26 30 32 36
 3 [] [] [] [] [] []
 38 39 41 45 47 51
 SLOT SIZE 1. 2. 3.

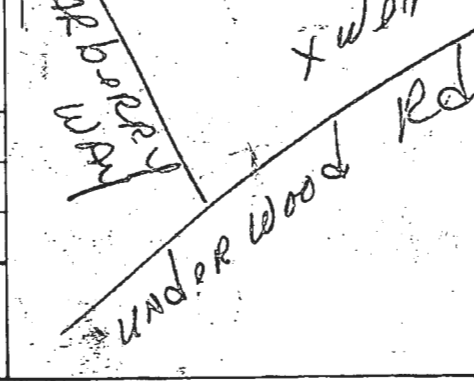
DIAMETER OF SCREEN **56** (NEAREST INCH) FROM **7** TO **60**
 GRAVEL PACK [] [] [] [] [] []
 IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) F

DRILLERS NAME **Dana Kyker, Jr. II**
 WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 Y (E.R.O.S.) W Q
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST
 C 3
 1 2 3 (SEQ. NO.) 6
 HOURS PUMPED (TO NEAREST HOUR) **6**
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **12**
 11 15
 METHOD USED TO MEASURE PUMPING RATE **Flowmeter**
 WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING **67** (NEAREST FOOT)
 17 20
 WHEN PUMPING **137** (NEAREST FOOT)
 22 25
 TYPE OF PUMPED 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, P, R, S, T, O)
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO
 CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**
 PUMP HORSE POWER **37** **41**
 PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 ABOVE BELOW
 LAND SURFACE (NEAREST FOOT) **50** **51**



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**
 SIGNATURE *Dana Kyker, Jr. II*