

4/3/81

APPROVED
4/3/81 RH

PERMIT

P 31020

A 26566

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

01-338812

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 11/13/80

Robert Frye and Frank Peach

IS PERMITTED TO INSTALL ALTER

ADDRESS 6271 Oakland Mills Road, Spikesville, Md. 21784 PHONE

SUBDIVISION Westcliffe Manor ROAD 13725 Barberry Way LOT 6

PROPERTY OWNER Robert Frye and Frank Peach

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 130 SQ. FT. per bedroom below inlet.

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

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 65 FT. FROM rear LOT LINE AND 150 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Barberry Way. The rear property line is 480 ft. in length and the right property line is 190 ft. in length. ~~OKAY~~ Okay to use trench off dry well if needed to make up absorbent sidewall area in system. Leave 5 ft. earth buffer between trench and dry well. Trench to follow the contour of the land.

PLANS APPROVED BY Charles 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.

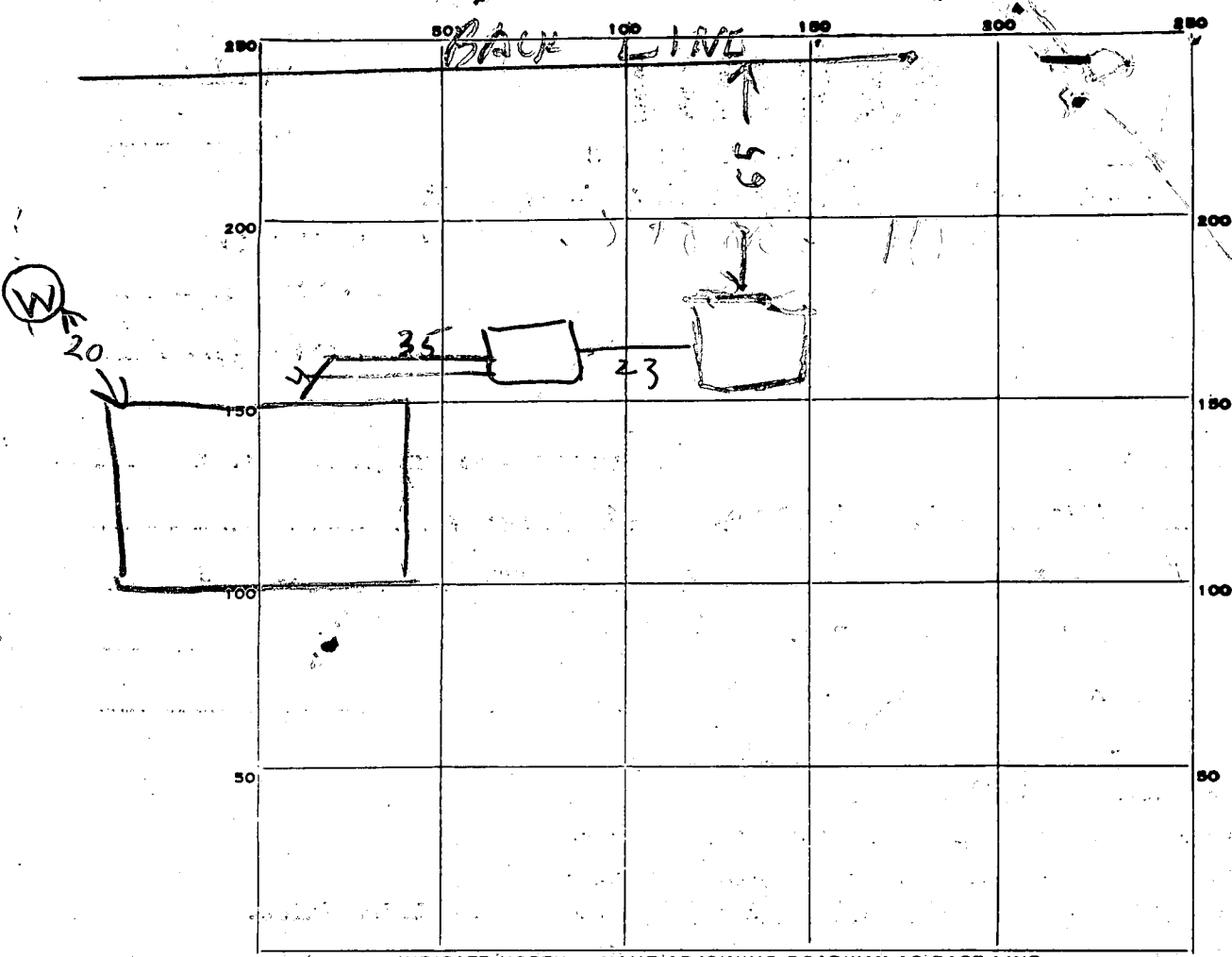
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

A 20576



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK TOP 1 FT 80.6 CLEANOUTS ST | DW
OK | OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER PERIMETER 55 FT. DEPTH BELOW INLET 9 1/2 FT.

ABSORBENT AREA 522 SQ. FT.

REMARKS 4/3/81 - DW INLET 2 1/2 FT BELOW OG
LOCATION OK

DATE SYSTEM APPROVED 4/3/81 INSPECTOR Raymond Hodges

PRELIMINARY

APPLICATION

A 26566

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

Septic Tank { ^{1-3 Bedrooms} 1000 gallons
^{4 Bedrooms} 1250 gallons
DATE 8/15/77

absorbent sidewall area per bedroom below inlet. Inlet to be 2 1/2' below original grade and maximum depth 12' location. ~~_____~~; 65' from rear property line being 480' in length and in 150' from right property line being 198' in length when facing lot from Barberry Way

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 Robert Frye + Frank
J & B Partnership

ADDRESS 4271 Oakland Mills Road
5632 Stevens Forest Rd., Apt. 254, Columbia, Md.
Sykesville, Md.

PROPERTY LOCATION: Westcliffe Manor

SUBDIVISION Westcliffe Manor LOT NO. 76
ROAD AND DESCRIPTION off Underwood Road 13725 Barberry Way

SIZE OF LOT 53,500 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

BLDG. PERMIT SIGNED
AND RETURNED 11/12/80
44900

APPROVED BY C. B. Streak

FOR Dry well + trench DATE 11/13/78
(KIND OF SYSTEM)

REJECTED BY _____

FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING per possible redesign (rock) see above
Retested in different areas - C.B.S. C.B.S.

THIS IS NOT A PERMIT

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

PRELIMINARY

APPLICATION

A 26567

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

P O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 8/15/77

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 & B Partnership

ADDRESS 5632 Stevens Forest Rd., Apt. 254, Columbia 21045 PHONE Any questions call Ron Carter - 837-0194

PROPERTY LOCATION:

SUBDIVISION Westcliffe Manor LOT NO. 7 New #

ROAD AND DESCRIPTION off Underwood Road

SIZE OF LOT 53,500 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 _____ FOR _____ DATE _____
(KIND OF SYSTEM)

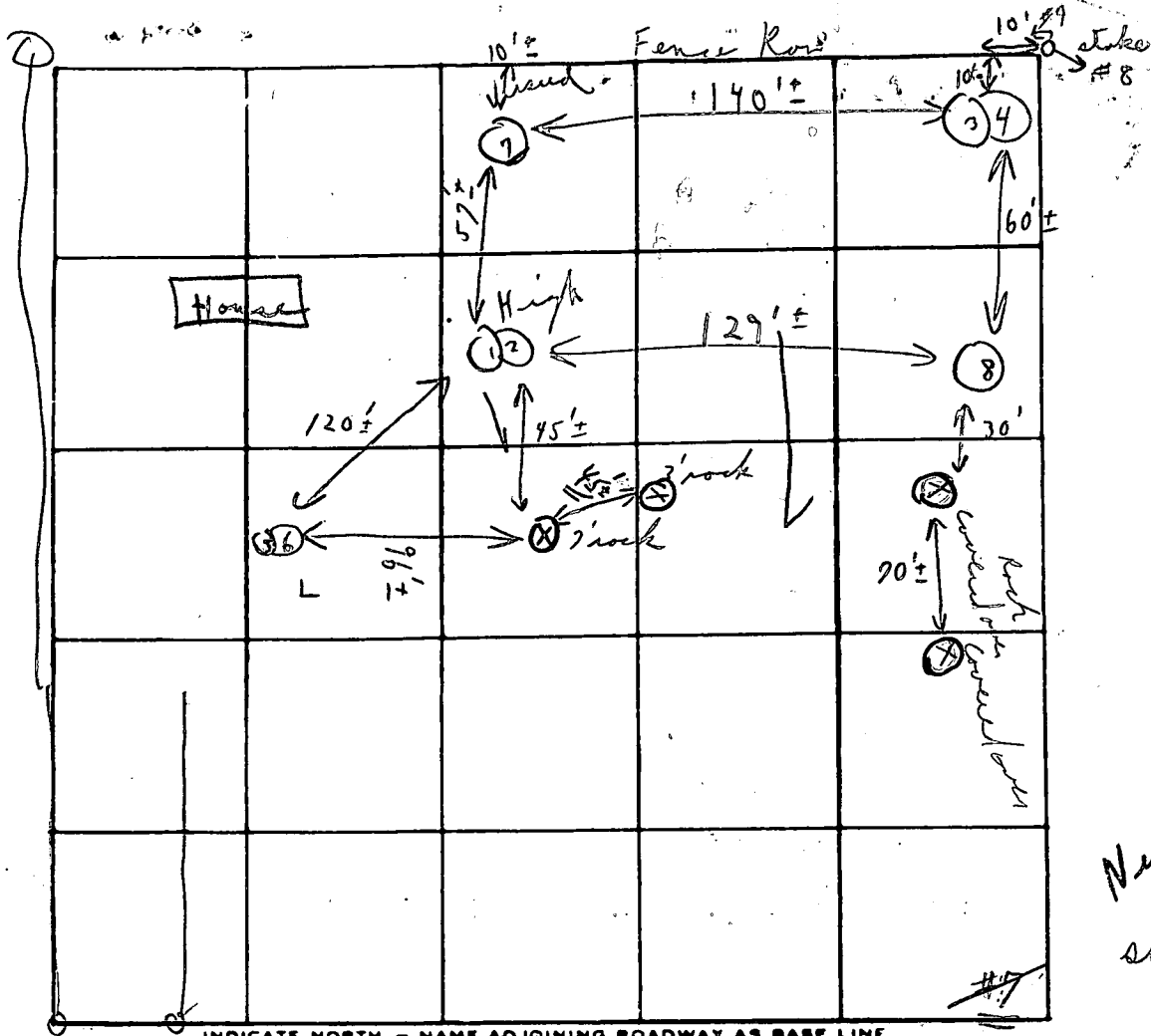
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for possible redesign (work)
C.B.S.

THIS IS NOT A PERMIT

#6



Jennifers Court North Barbary Way

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/2/77	1	2 1/2'	10:42	10:46	10:46	10:55	9m
	2	12 1/2'	10:42	10:45	10:45	10:52	9m
	3	4'	10:46	10:48	10:48	10:57	9m
	4	12'	10:46	10:49	10:49	10:57	8m
	5	2 1/2'	10:33	10:40	10:40	10:54	14m
	6	12 1/2'	10:33	10:35	10:35	10:40	5m
	7	10 1/2'	Visual		sandy soil hard in bottom		3 1/2m
	8	10 1/2'	Visual		similar to the sandstone		5m
						6	9m

Soil Profile
Sandy brown - below clay

(130 yft.)

2 1/2'

3 1/2' 10 1/2'

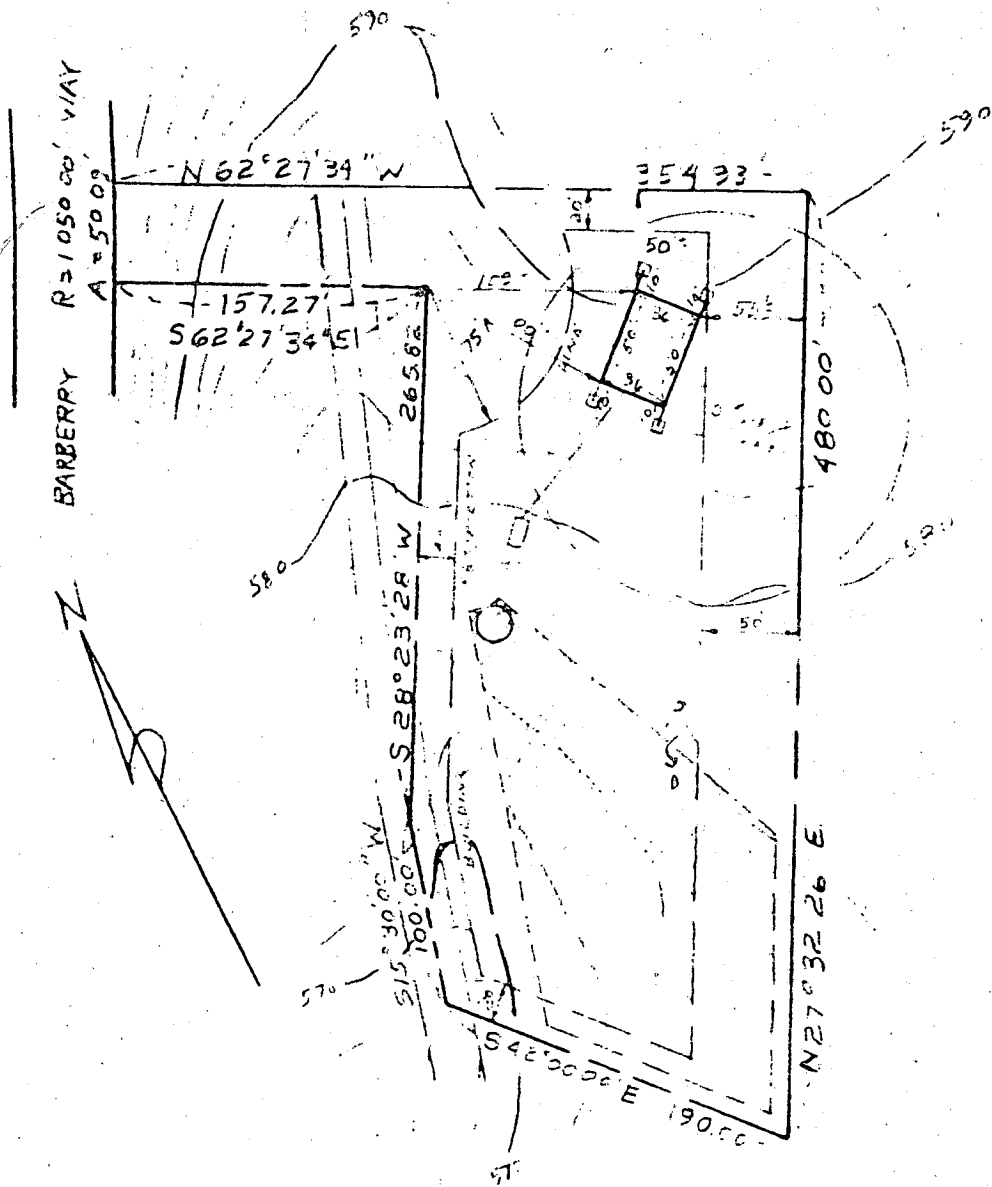
REMARKS: Open field sold for supervision
 TYPE OF SOIL: _____
 TESTED BY: C. B. A.
 ALSO PRESENT: Fwork + men
 Visuals shallow

William E. Doyle

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210

□ DENOTES TACKED NIP AND SHANK SET



HOUSE STAKEOUT
SITE PLAN

BARBERRY WAY
LOT 6
WESTCLIFFE MANOR
PLAT NO. 3896
ELECT. DIST. 4
HOWARD CO., MD.

DRYWELL DATA

INV. IN DRYWELL	573.00
INV. OUT SEPTIC TANK	574.30
INV. IN SEPTIC TANK	574.60
INV. OUT DWELLING	575.00
FIRST FLOOR ELEV.	590.00
BASEMENT ELEV.	582.00
WELL ELEV.	585.00
NO. BEDROOMS	4
ACREAGE	2.16504

I CERTIFY THE ABOVE MEASUREMENTS
AND ELEVATIONS ARE ACTUAL AND
CORRECT FOR THIS PROPERTY

SIGNED William E. Doyle

DRAWN: OCT 14, 1980
SCALE: 1"=100'

P.M. Briefly
Hold 10/21/80 (1) Dry well not in area of spec.

(2) Drawing not clear. C.B.A.

CALL 10/22/80. T/c 795-3115 FILE NO. 43-5.5

10/22/80 (3) HOLD FOR WELL INSTALLATION + GROUT. C.B.S.

10/23/80 { Called after discussion with F.V.
Spoke to Mrs. Frye they are C.B.D.
to call us w/ or come to office. C.B.A.

B 1 4391 SEQUENCE NO. (WRA USE ONLY)

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

WRA PERMIT NUMBER
 HO-73-25-24

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 11/7/80
 19
 OWNER Frye, Robert L. Beach, Francis
 COL 15 LAST NAME COL 34 FIRST NAME
 STREET OR RFD 2247 Liberty Road COL 36 COL 55
 POST OFFICE COL 57 COL 76

B 1 CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6
 DATE March 10, 1980 LICENSE NUMBER 256
 77 80
 Dana Kyker, Jr. II
 FIRST NAME DRILLER LAST NAME
 SIGNATURE

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6
 COUNTY Howard
 (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION 23 42
 SECTION 44 46 LOT 48 50
 NEAREST TOWN Sykesville 52 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN) 79 76 77 78

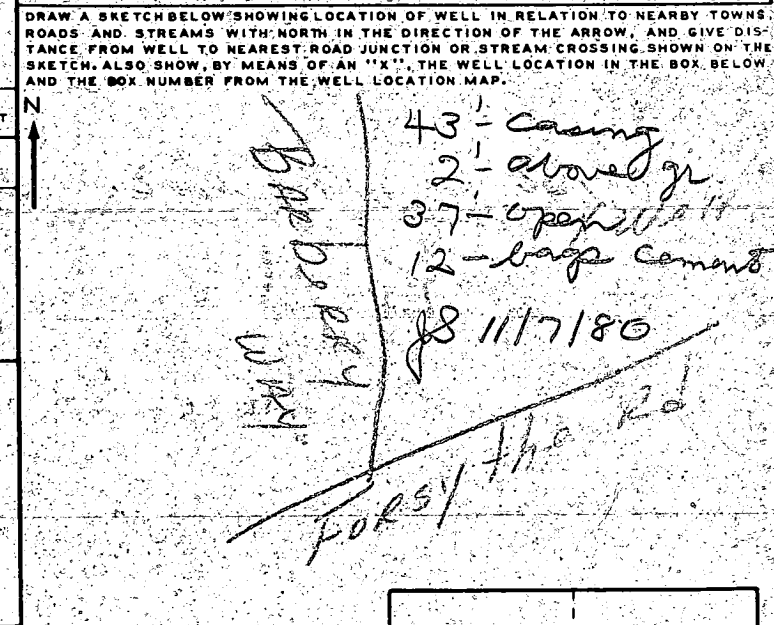
B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 575
 14 20
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 PRIVATE WATER COMPANY
 TEST

B 4 **DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)**

1 2 3 (SEQ. NO.) 6
 N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
 NEAR WHAT ROAD 11 NORTH SOUTH EAST WEST 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W 32 32
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 34 50 37 38 39

APPROXIMATE DEPTH OF WELL 200 FEET
 24 26
 APPROXIMATE DIAMETER OF WELL (NEAREST INCH)
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED): JETTED DRIVEN
 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE)
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL.
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)



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

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 65
 FORCE WRITE INITIALS IN BOX CONDITIONS: A E N S G W Q C L U
 67 68 70 71 72 73 74 75 76 77 78 79

BOX NUMBER E 800 N 550
 NORTH COORDINATE 50 51 52 53 54 55
 EAST COORDINATE 57 58 59 60 61 62 63
 ELEVATION AT WELL HEAD (FEET) 65 66 67 68
 0/5 5/0

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6
 41 STATE HEALTH (CIRCLE BOX) COUNTY NAME COUNTY NO.
 MO. DAY YR. APPROVED BY
 DATE 4/23/80
 Ronald W. Monaghan, Sanitarian

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

August 4 HEALTH

HG. 600

24,000

William E. Doyle

26x40
lot B @ 70,000 base Stevens

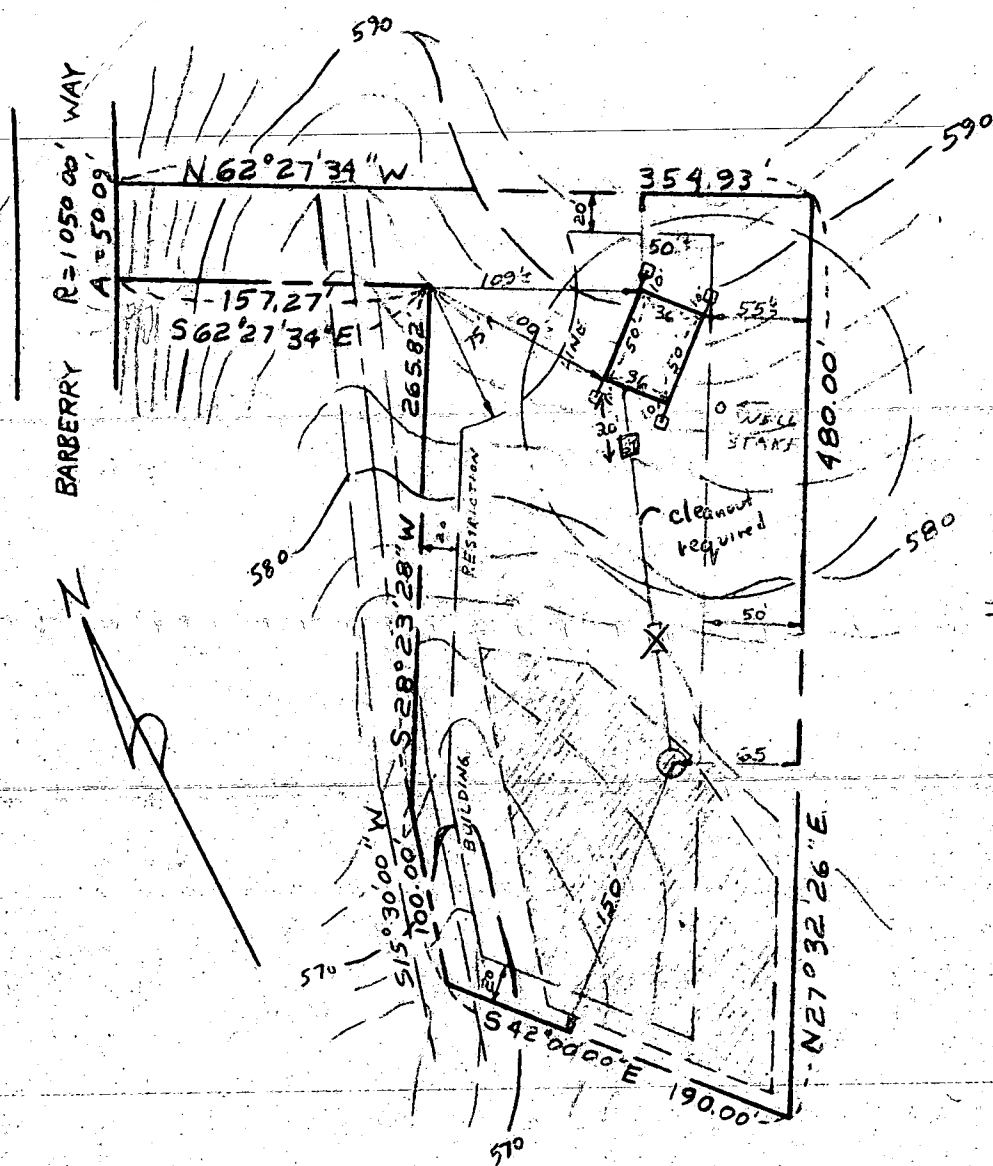
LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210

□ DENOTES TACKED HUB AND GUARD SET

HOUSE STAKEOUT
AND
SITE PLAN

BARBERRY WAY
LOT 6
WESTCLIFFE MANOR
PLAT NO. 3896
ELECT. DIST. 4
HOWARD CO., MD.



DRYWELL DATA

EXIST. GROUND @ DRYWELL	575.00
INV. IN DRYWELL	572.50
INV. OUT SEPTIC TANK	573.75
INV. IN SEPTIC TANK	586.60
INV. OUT DWELLING	587.00
FIRST FLOOR ELEV.	590.00
BASEMENT ELEV.	588.00
WELL ELEV.	585.00
NO. BEDROOMS	4
ACREAGE	2.16604 AC

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

SIGNED William E. Doyle



DRAWN: OCT. 27, 1980
SCALE: 1"=100'

Revised changes OK
Robert Frye

11/12/80
Sketch 0.4 S.S.

FILE NO. 43-55

SEQUENCE NO. (USE ONLY)

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION
PAWES 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: A 26566

DATE WELL COMPLETED: November 7, 1980

DEPTH OF WELL: 136 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-73-3484

DRILLERS IDENTIFICATION NO.: 296

DRILLER NAME: Frve, Robert L. & Peach, Francis
1247 Liberty Road

POST OFFICE: Sykesville, Maryland 21784

WELL LOG		
KIND OF FORMATIONS PENETRATED, THEIR DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (ADDITIONAL SHEETS IF NECESSARY)	FEET (FROM TO)	CHECK IF WATER BEARING
ft	0 2	
ly. sand & Brn. Mica	2 12	
Granite	12 26	
Red Clay	26 28	X
soft Brn. Sandstone	28 35	X
Granite	35 48	
Hard Brn. Sandstone	48 49	X
Granite	49 62	
Brown Sandstone	62 71	X
Granite	71 75	
Brown Sandstone	75 83	X
Granite	83 105	
Brown Sandstone	105 107	X
Granite	107 131	
Soft Yellow Sandstone & Clay	131 134	X
Granite	134 136	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY
 HYDRAH 45 46 12 1,128

NO. OF BAGS: 12 NO. OF POUNDS: 1,128
 GALLONS OF WATER: 72

DEPTH OF GROUT SEAL (TO NEAREST FOOT): 41
 FROM 0 FT. TO 41 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW:
 STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE: S T 6 43
 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH): 6
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 43

OTHER CASING (IF USED)

DIAMETER (INCH)	DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: S T B R H O
 STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

INSERT APPROPRIATE CODE BELOW

DEPTH (NEAREST WHOLE FOOT)

FROM 43 TO 136

SCREEN DEPTH (NEAREST WHOLE FOOT): 43

SCREEN TYPE: H O

SCREEN DEPTH (NEAREST WHOLE FOOT): 43

SCREEN DEPTH (NEAREST WHOLE FOOT): 136

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN: 56 (NEAREST INCH)

FROM 56 TO 60

GRAVEL PACK: 136 125

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX: 68 F

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 10

METHOD USED TO MEASURE PUMPING RATE: Flowmeter

WATER LEVEL (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING: 30
 WHEN PUMPING: 17 134 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX):
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O): 29

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): 2

LOCATION OF WELL ON LOT

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

Handwritten notes: Backyard well, underwood

CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

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.

DRILLER'S NAME: Ronald L. Kyker

SIGNATURE: *Ronald L. Kyker*

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

TELESCOPE CASING

LOG INDICATOR

OTHER DATA AVAILABLE: 74 75 76