

04-338928

APPROVED
6/24/80 RH

6/20/80
a.m. please

PERMIT

D 30657
A 26604

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 4th.

DATE 4/29/80

Leidner & Son

IS PERMITTED TO INSTALL ALTER

ADDRESS 5737 Oakland Road Sykesville, Md. 21784 PHONE 795-0526

SUBDIVISION Westcliffe Manor ROAD 13730 Barberry Way LOT 15

PROPERTY OWNER Hopson & Son David Leshaw

ADDRESS _____

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 130 SQ. FT. per bedroom

INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 11 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 113 FT. FROM front LOT LINE AND 57 FT. FROM left LOT LINE AS SEEN WHEN
FACING LOT FROM Barberry Road

If Dry well and trench used need: (1)- 5 Ft. earth buffer between trench and dry well.

(2)- Two inspection of trench before and after stone in.

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.

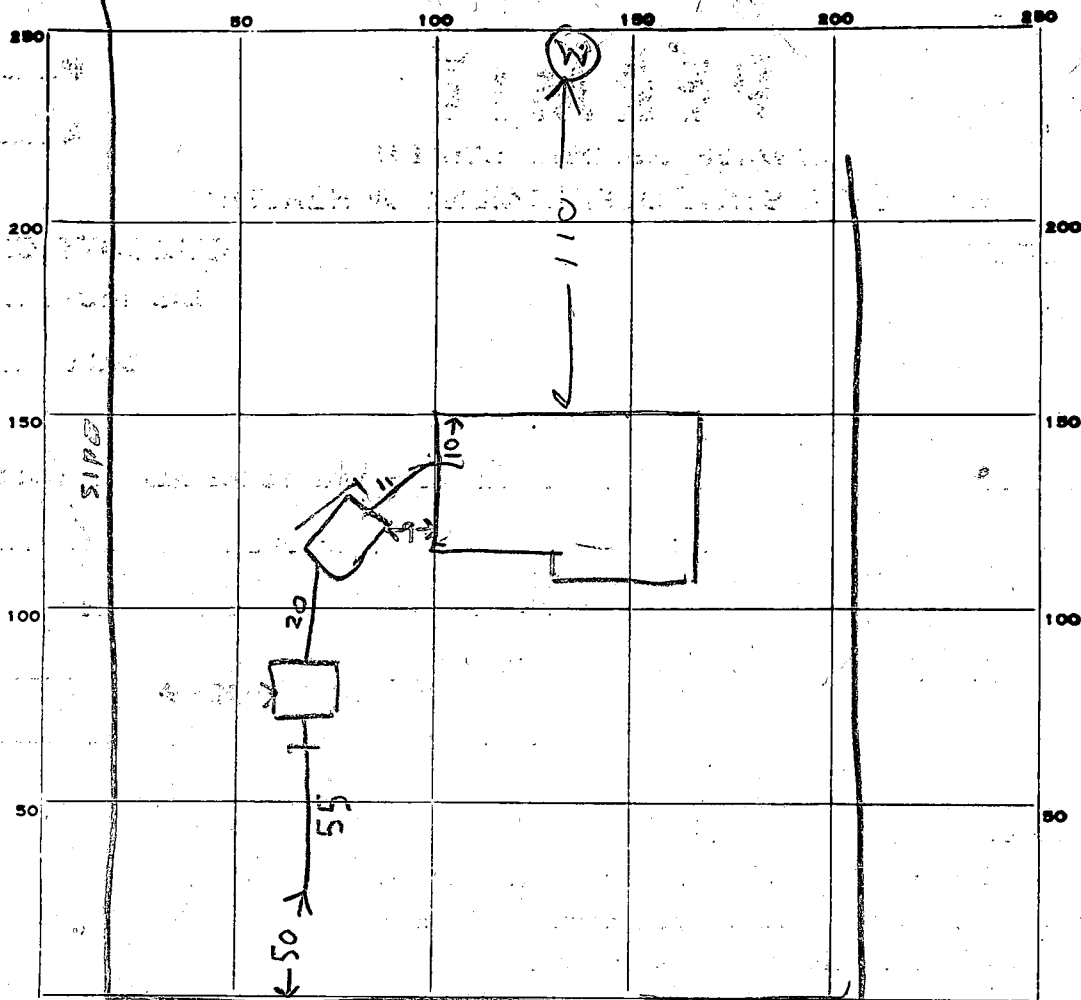
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA
COTTA ACCEPTED.

BLDG. PERMIT SIGNED
AND RETURNED 2-21-80
BOB 134487 20x16 Shred

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

BLDG. PERMIT SIGNED
AND RETURNED 4/22/80
Serial # 67620
Attached pages

A 26604



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BAR BERRY WAY

PERMIT CARD _____

ST | DW

SEPTIC TANK, LEVEL OK 1500 C
TOP 1 FT BELOW GRADE

CLEANOUTS OK | OK

DISTRIBUTION BOX, LEVEL _____

DITCH: FIELD, DEPTH 9-9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 FT IN. TOTAL LENGTH 55 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 330

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 300 SQ. FT.

REMARKS 6/20/80 DW INLET 3 1/2 FT BELOW O.G. LOCATION OK

PER PLANS ADD STONE & PIPES FINISH JOB & CALL RA

6/24/80 620 SQ FT REQUIRED

300 + 330 = 630 SQ FT DW & DITCH

DATE SYSTEM APPROVED

6/24/80

INSPECTOR

Raymond Hodges

PRELIMINARY

APPLICATION

A 26604

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

1-3 Bedrooms 1000 gallons
 DISTRICT 4th
 DATE 8/16/77
 1250 gallons

Septic tank
 Dry well to have 130 sq ft. effective
 absorbent sidewalk area per bedroom below inlet.
 Inlet to be 3 1/2' below original grade & maximum
 depth 11 1/2' location ~~_____~~ 113' from
 front property line and 50' in from left property
 line when facing lot from Barberray Road.

BLDG. PERMIT SIGNED
 AND RETURNED 4/24/80
 Serial # 43010

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

PROPERTY LOCATION
 SUBDIVISION Westcliffe Manor LOT NO. 39
 ROAD AND DESCRIPTION off Underwood Road 13730 Barberray Way

SIZE OF LOT 42,250 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. Sheehy FOR Dry well; & for 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 _____

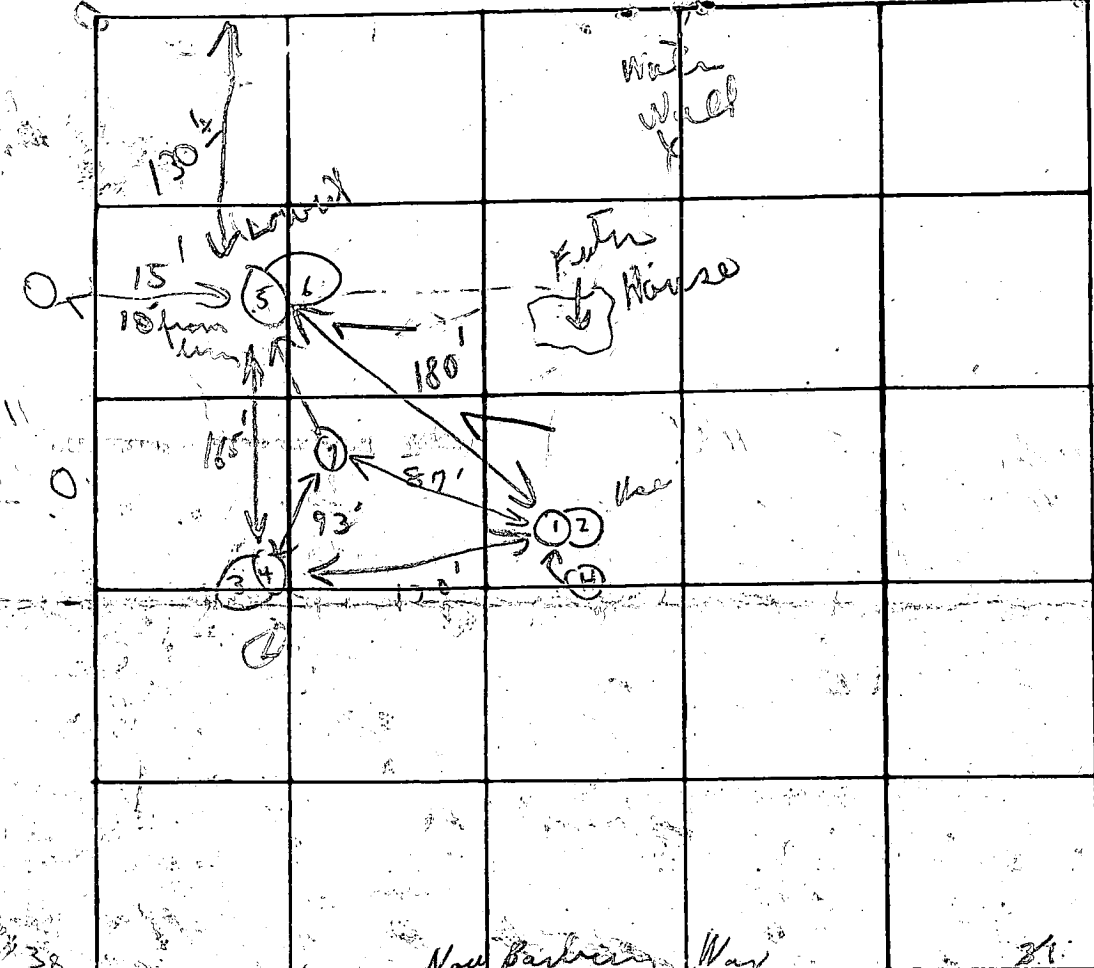
THIS IS NOT A PERMIT

#36

#39

39

40



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/20/57	1	3 1/2'	2:22	2:24	2:24	2:29	5m
	2	11' 9"	2:23	2:25	2:25	2:29	4m
	3	4 1/2'	2:28	2:36	2:36	2:53	17m
	4	12'	2:28	2:31	2:31	2:40	9m
	(5) A	5'	2:32	2:33	2:29	2:34	
	6	13 1/2'	2:33	2:38	2:38	2:49	11m
	7	12'	Used sunbain		to other		
	only 5B	4 1/2' 6"	3:52	3:54	3:54	3:57	3m
						6:49	9m

REMARKS Open field

TYPE OF SOIL _____

TESTED BY C.B.A.

ALSO PRESENT: Frocksman

Handwritten notes on the left margin: "and profiles", "shady", "down", "darker", "clay".

Handwritten notes on the right margin: "130' 1/2", "depth 3 1/2'", "dry", "to front of lot", "9m".

B 1 8216 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 2600

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 3/29/78

OWNER Hobson & Sons Inc

COL 15 LAST NAME COL 34 FIRST NAME

STREET OR RFD 3606 Oxwood Ct

COL 36 COL 55

POST OFFICE West Minister Md

COL 57 COL 76

B 1 CONTINUED DRILLER INFORMATION

DATE JAN 3-78 LICENSE NUMBER 201

FIRST NAME John A DRILLER LAST NAME Eveene

SIGNATURE [Signature]

B 3 LOCATION OF WELL

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION West

SECTION 14 LOT 15

NEAREST TOWN Sikesville

MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 MI

B 2 WELL INFORMATION

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT

M MUNICIPAL WATER SUPPLY

P PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL

T TEST

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

S SOUTH W WEST SW SOUTHWEST

NEAR WHAT ROAD Barberry

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N NORTH S SOUTH E EAST W WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 225 FT

APPROXIMATE DEPTH OF WELL 24 FEET

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE)

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D 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. 63

FORCE 67 WRITE INITIALS IN BOX 68 CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

COUNTY NAME Howard COUNTY NO. 027412

DATE 2 05 78

APPROVED BY Donald Monaghan, Sr. [Signature]

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

Sketch: Shows a north-south road labeled "Barberry Way" and a north-south road labeled "Forsythe". A well location is marked with an "X" on the "Barberry Way" side. A handwritten note says "UNABLE TO GET INTO PROPERTY DUE TO POOL ACCESS ROAD ROB 3-23-78".

Notes:

- ① LOCATION OK
- ② 32 FT CASING WITH 3 FT OUT OF GROUND
- ③ 28 FT DEPTH OF OPEN HOLE
- ④ 8 BAGS
- ⑤ WELL OK R-H

Box Number: E 800, N 540

Coordinates: NORTH COORDINATE 45 50 51 52 53 54 55; EAST COORDINATE 57 58 59 60 61 62 63; ELEVATION AT WELL HEAD (FEET) 65 66 67 68

B 5 SPECIAL CONDITIONS 8-69 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

Thur. 3-23-78. Biggs inspector, arrived site, well not
grouted due to inaccessible muddy road agreed
by grouting people and H.D. R.B.

Tue. 3-28-78. 1:30 P.M. apt. cancelled 12:30 P.M. inspector
left long before cancellation and could not be
reached (Biggs, inspector)

Wed. 3-29-78. 1:30 P.M. apt. cancelled 3:30 P.M. stuck doing
well grout in southern Ca. reason - I had gone
and waited a while before calling
returning to office, Fremont

DIVISION OF
ENVIRONMENTAL
HEALTH

APR 28 10 32 AM '78

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

C 1 **4376** SEQUENCE NO. (WRA USE ONLY)

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 10-174

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED 11 May 78

DEPTH OF WELL 135 (TO, NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 440-73-2600

8-13 18 20 DRILLERS IDENTIFICATION NO. _____

OWNER Hansen Fred A Sols LAST NAME FIRST NAME

STREET OR RFD Stock Orchard POST OFFICE Bel Air, Md

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	
<u>Overburden</u>	<u>0</u>	<u>30</u>	
<u>Sandstone</u>	<u>30</u>	<u>135</u>	<input checked="" type="checkbox"/>

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT M BENTONITE CLAY BC

NO. OF BAGS 14 NO. OF POUNDS 630

GALLONS OF WATER 75

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 38 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

(INSERT APPROPRIATE CODE BELOW)

STEEL S T CONCRETE C O

PLASTIC P L OTHER O T

MAIN CASING TYPE ST NOMINAL DIAMETER OF MAIN CASING (NEAREST INCH) 40 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 40

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				

SCREEN RECORD

(INSERT APPROPRIATE CODE BELOW)

STEEL S T BRASS OR BRONZE B R OPEN HOLE H O

PLASTIC P L OTHER O T

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	1	2	3	4
1	<u>8</u>	<u>9</u>	<u>11</u>	<u>15</u>
2				
3	<u>23</u>	<u>24</u>	<u>26</u>	<u>30</u>
	<u>38</u>	<u>39</u>	<u>41</u>	<u>45</u>
			<u>47</u>	<u>51</u>

SLOTSIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN 56 60 (NEAREST INCH)

GRAVEL PACK _____ FROM _____ TO _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

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

TELESCOPE CASING 70 72 LOG INDICATOR 74 75 76 OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3

METHOD USED TO MEASURE PUMPING RATE Pressure

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 17 (NEAREST FOOT) 20

WHEN PUMPING 70 (NEAREST FOOT) 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR A 27 PISTON P 27 TURBINE T 27

CENTRIFUGAL C 27 ROTARY R 27 OTHER (DESCRIBE BELOW) O 27

JET J 27 SUBMERSIBLE S 27

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 } LAND SURFACE

BELOW } (NEAREST FOOT)

49 50 51

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):

See sketch

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 Greenwell

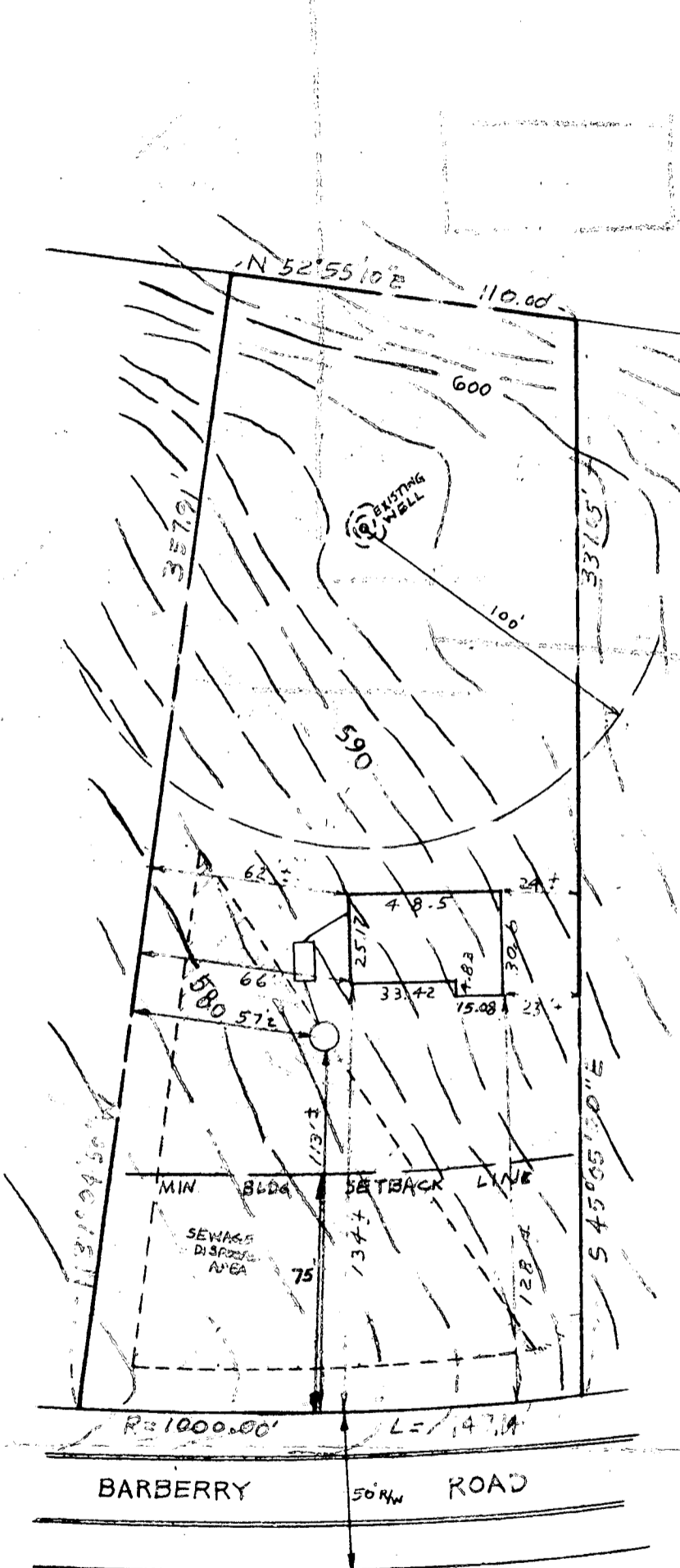
(PLEASE PRINT) Greenwell

SIGNATURE Greenwell

William E. Doyle

LAND SURVEYOR 8440

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



SITE PLAN

BARBERRY WAY
 LOT 15
 WESTCLIFFE MANOR
 PLAT NO. 3897
 ELECT. DIST 4
 HOWARD CO., MD.

DRYWELL DATA

INV. IN DRYWELL	580.00
INV. OUT SEPTIC TANK	580.40
INV. IN SEPTIC TANK	580.65
INV. OUT DWELLING	581.00
FIRST FLOOR ELEV.	590.00
BASEMENT ELEV.	582.00
FUT. WELL ELEV.	594.50
NO. BEDROOMS	4
ACREAGE	1.02604 Act

*Location & elevations
 OK
 Apr 4-22-80*

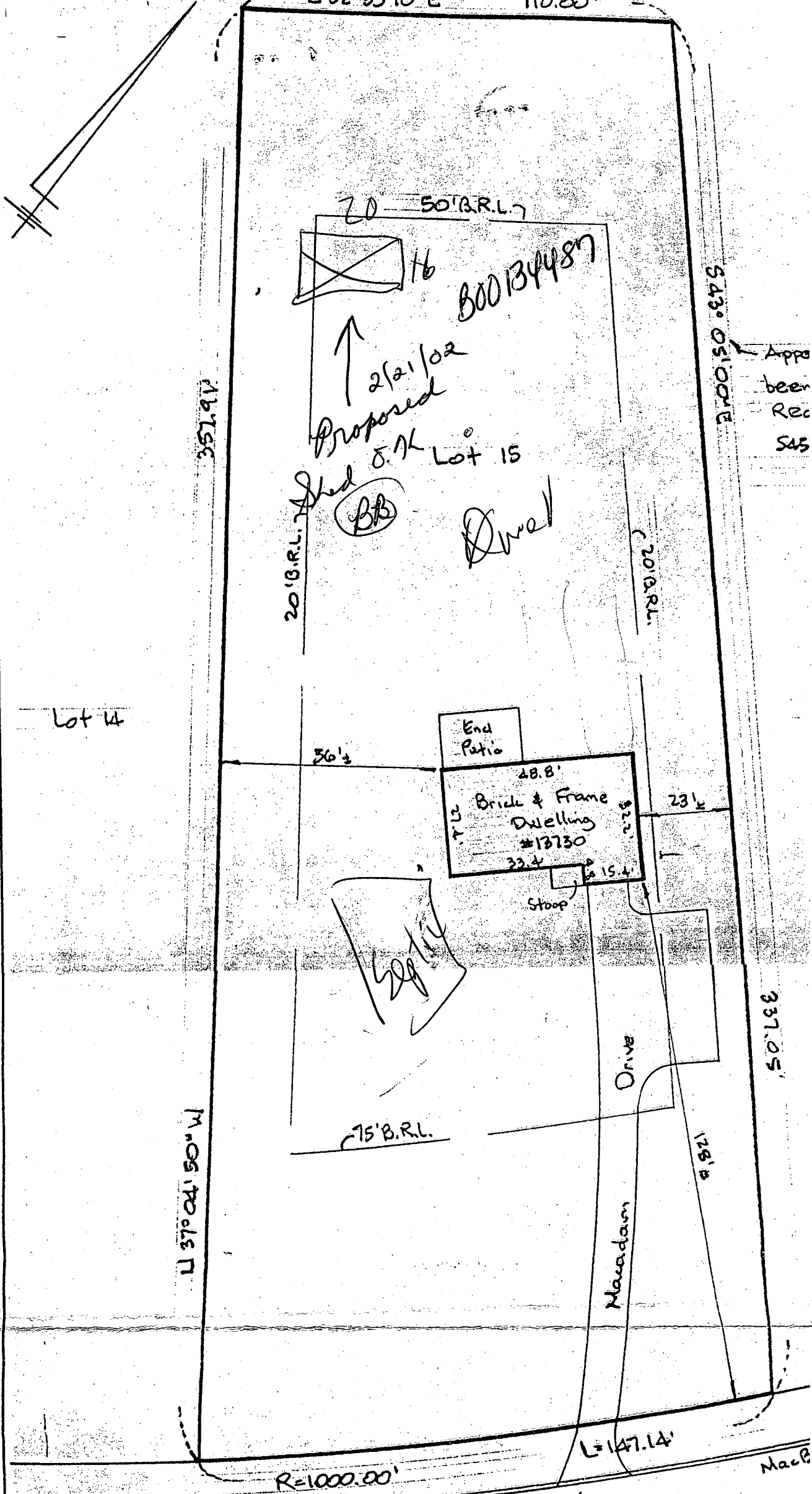


I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

SIGNED William E. Doyle

DRAWN: APRIL 11, 1980
 SCALE: 1"=50'
 REVISED: APRIL 21, 1980

14
 13
 13
 14



543.05100' E
 Appo
 been
 Rec
 S45

Lot 14

M 05 170.05 N

337.05'

13730 50' R/W
 BARBERRY WAY
 23.4' Mac Paving

THE LOT SHOWN HEREON IS IN FLOOD
 ZONE C PER F.E.M.A. FLOOD INSURANCE
 RATE MAP PANEL # 24004A-0009B

The plat is of benefit to a consumer only insofar as it is
 required by a lender or a title insurance company or its

