

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

04-338901

ELLICOTT CITY

DISTRICT 4th

DATE 9/03/82

INDEX

Liedner & Sons, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 5737 Oakland Road, Sykesville, Md. 21784

PHONE 795-0526

SUBDIVISION Westcliffe Manor

ROAD 13734 13736 Barberry Way

LOT 14

PROPERTY OWNER Liedner & Sons, Inc.

ADDRESS _____

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 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 135 SQ. FT. bed per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 1/2 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 15 FT. FROM right LOT LINE AND 16 1/2 FT. FROM down right property line from LOT LINE AS SEEN WHEN

FACING LOT FROM right rear corner point and in when facing lot from Barberry Way.

NOTE: OKAY TO USE TRENCH OFF DRY WELL TO MAKE UP ABSORBENT SIDEWALL AREA IN SYSTEM. LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL. TRENCH TO FOLLOW CONTOUR OF THE LAND. CALL FOR 2 INSPECTIONS - BEFORE AND AFTER STONE IS INSTALLED.

IF DISPOSAL UNIT IS USED, ABSORBENT SIDEWALL AND SIZE OF SEPTIC TANK MUST BE INCREASED.

PLANS APPROVED BY F.F./C.E.S./F.S.

DATE 1/13/78 / 2/17/81

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.

FOR DEPOSIT ONLY
HOWARD COUNTY HEALTH DEPARTMENT
10-103616-02

BLDG. PERMIT SIGNED
AND RETURNED 9/7/82
Serial No. 50885

BLDG. PERMIT SIGNED 11/16/84
AND RETURNED 6/18/85
Serial 61873 Prot
BLDG. PERMIT SIGNED 11/16/84
AND RETURNED 6/18/85
Serial 61874 Penn

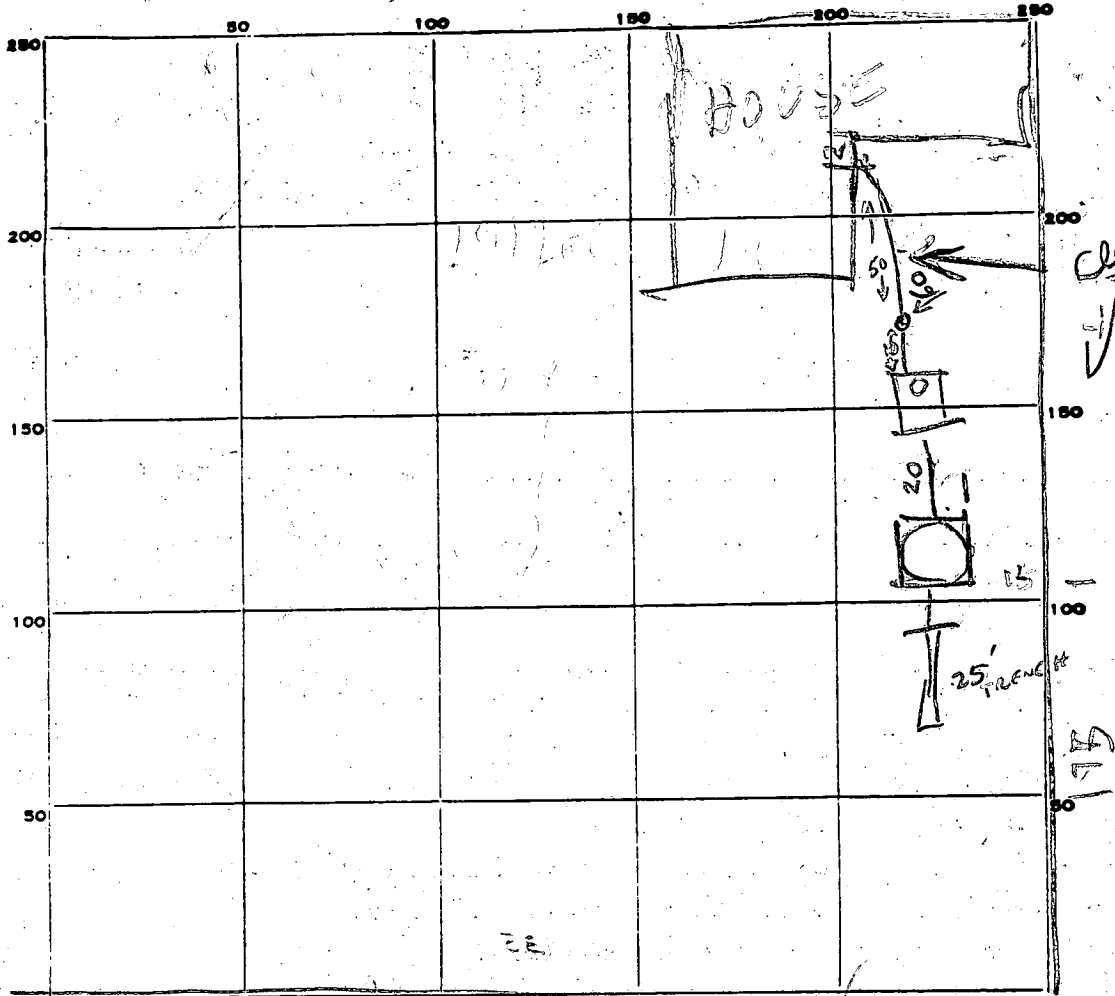
A 26603

11/23/82

W.H. 11/23/82
Approved

approved
11-24-82
C. Witham

P 32147
A 26603



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BARBERRY WAY	ST	MANHOLE	ST	DW	HOUSE
		NO	OK	NO	SEWER
		11-23-82 CW		OK 11-23-82 CW	11-23-82 CW

PERMIT CARD

SEPTIC TANK, LEVEL AK1500

CLEANOUTS 11-23-82 CW OK 11-23-82 CW 11-23-82 CW

TOP 5 FT BOG MANHOLE NEEDED

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 25' 11-23-82 CW

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 115

SEEPAGE PITS, INSIDE DIAMETER PERIMETER 47 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 282 SQ. FT. 125 +282 407 TOTAL SQ FT ABS AREA

REMARKS 11/19/82 DW INLET 5 FT BOG 5 1/2 FT BELOW EXIST GRADE

3 BR - 405 SQ FT NEEDED TOTAL - 123 SQ FT NEEDED FOR DITCH

11/17/82 PUT MANHOLE ON TANK, PUT CLEANOUT ON HOUSE SEWER & DRYWELL

EXTEND DITCH TO 23 FT, ADD 5 1/2 FT STONE PIPE & CALL OK TO COVER

TANK, DRYWELL & SEWER LINES RH

11-23-82 DITCH 15' 25' CW. OK TO COVER. SEWER LINE CLEANOUT OK. STILL NEED MANHOLE ON ST

11-24-82 OK TO COVER

DATE SYSTEM APPROVED 11-24-82 INSPECTOR C. Williams

PRELIMINARY

APPLICATION

A 26603

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
Dry well to have 7.5' eff. depth effective 135' ft. ^{10'} location:
DATE 8/16/77

absorbent sidewall area per bedroom below ~~water~~
5 1/2' of original soil. Sited to be 4' and maximum depth ^{10'} location:
~~_____~~ ^{15'} off right property line and ^{165'} down
right property line from right rear corner point when facing
lot from Barberray 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 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. 38 ^{New #14}

ROAD AND DESCRIPTION off Underwood Road 13736 Barberray Way

SIZE OF LOT 48,000 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 F.F. / S.S. / approved by C.B.S. FOR Dry well + 10' septic tank DATE 1/13/78
(KIND OF SYSTEM)

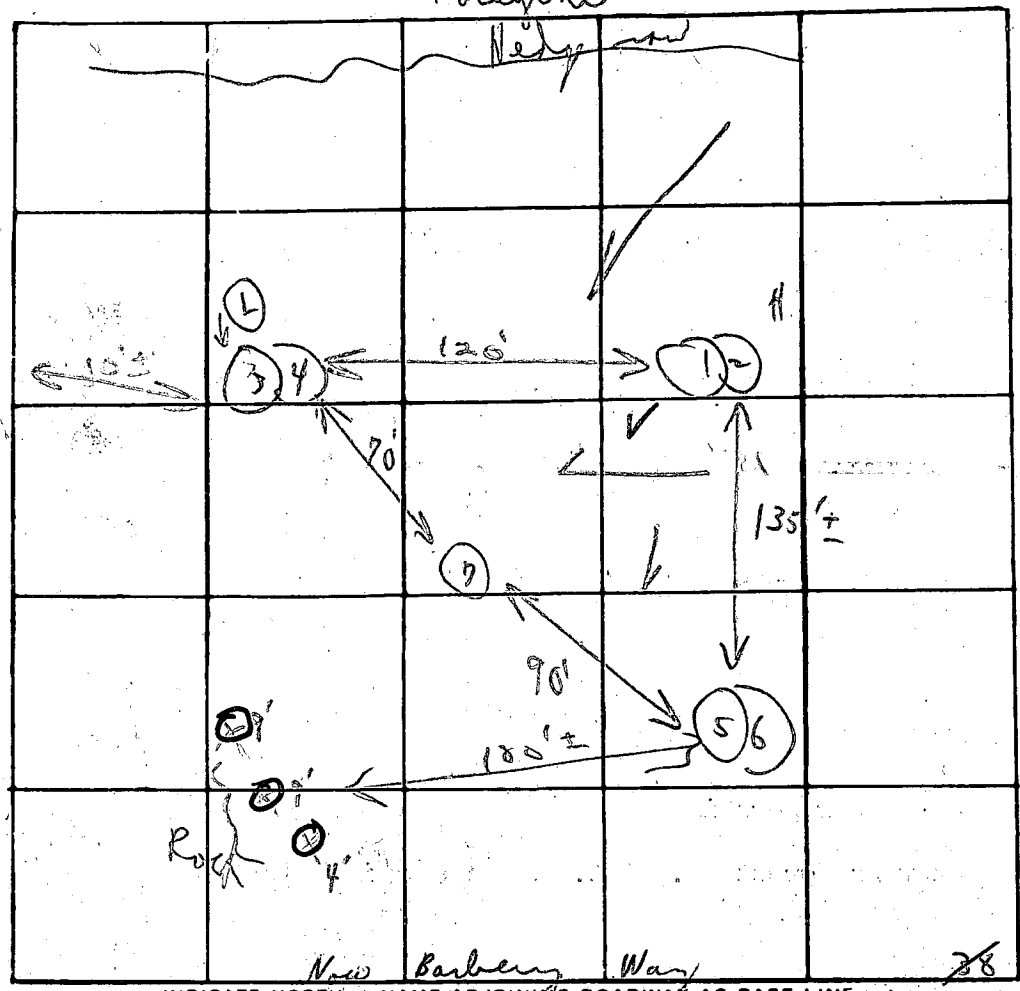
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____
2/8/78 Note septic area incorrectly shown on final platt. C.B.S.

THIS IS NOT A PERMIT

Old Forest
Forestry



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

New 14

Soil profile

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/30/77	1	5 1/2'	1:48	1:52	1:52	1:55	4m
	2	12 1/2'	1:48	1:52	1:52	2:00	8m
	3	5 1/2'	1:44	1:46	1:46	1:53	9m
	(4) 4	12 1/2'	1:44	1:46	1:46	1:53	9m
	5	at 5'	1:50	2:00	2:00	2:21	21m
	6	12'	1:50	1:56	1:56	2:02	6m
	7	Vertical		12'			
						6	53

Standy
brown
below

(125 yft)
Soiled 4'
good ground
15 1/2'

9m

REMARKS open field

TYPE OF SOIL _____

TESTED BY C. B. J.

ALSO PRESENT: Fyork + over

B 1 8215 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, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER HO-73-2520 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)

OWNER: Hobson & Sons Inc. COL 15 LAST NAME FIRST NAME COL 34. STREET OR RFD: 3606 Oxwed CT COL 36 COL 55. POST OFFICE: Westminister Md COL 57 COL 76

B 1 CONTINUED DRILLER INFORMATION 1 2 3 (SEQ. NO.) 6 DATE: JAN 3 78 LICENSE NUMBER: 901 77 80. DRILLER: John A Greene FIRST NAME LAST NAME. SIGNATURE: John A Greene

B 3 LOCATION OF WELL 1 2 3 (SEQ. NO.) 6 COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 21. SUBDIVISION: West Cliff 23 42. SECTION: 1 44 48 LOT: 14 48 50. NEAREST TOWN: Sykesville 52 71. MILES FROM TOWN (ENTER 0 IF IN TOWN): 3 79 76 77 78

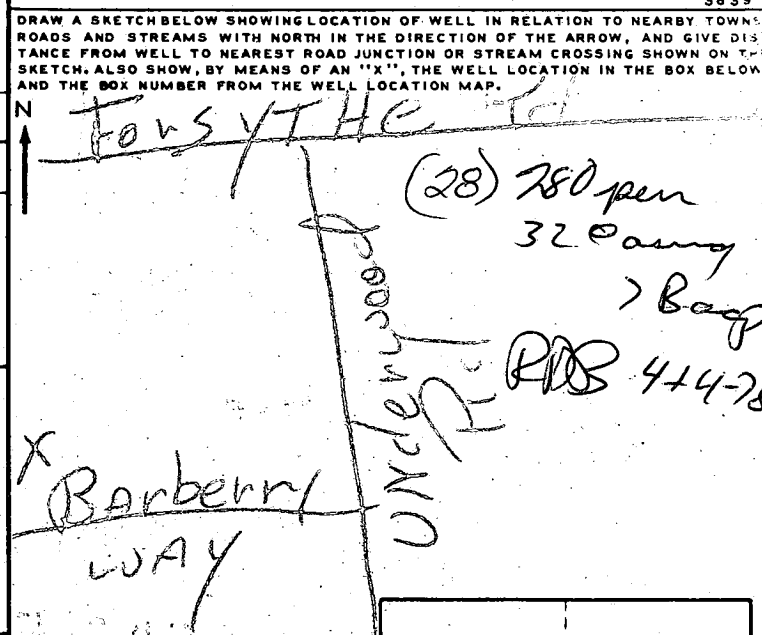
B 2 WELL INFORMATION 1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 8 12. AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 500 14 20. USE FOR WATER (CIRCLE APPROPRIATE BOX): D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY). F FARMING, AGRICULTURE, IRRIGATION. I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. M MUNICIPAL WATER SUPPLY. P PRIVATE WATER COMPANY. T TEST. MUST HAVE STATE HEALTH DEPT. APPROVAL

B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) N NORTH E EAST NE NORTHEAST SE SOUTHEAST S SOUTH W WEST NW NORTHWEST SW SOUTHWEST. NEAR ROAD: Barberrly Way. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N 92 S 32 E 32 W 32. DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 335 34 37 38 39

APPROXIMATE DEPTH OF WELL: 100 24 28 FEET. APPROXIMATE DIAMETER OF WELL: 6 (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) 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 55 56 57 58 59 60 61 62 63 64 65. ENGINEER REVIEW DISTRICT NO. FORCE: WRITE INITIALS IN BOX. CONDITIONS: A E N S G W Q C L U. BOX NUMBER: E 800 N 540

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL 1 2 3 (SEQ. NO.) 6 STATE HEALTH (CIRCLE BOX) S COUNTY NAME: Howard COUNTY NO.: H27413. DATE: 1 15 78. APPROVED BY: Donald Monaghan, Sanitarian

NORTH COORDINATE: 4500 50 51 52 53 54 55. EAST COORDINATE: 07 57 58 59 60 61 62 63. ELEVATION AT WELL HEAD (FEET): 65 66 67 68

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY) 1 2 3 (SEQ. NO.) 6

C 1 5736 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 4 5 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 Worcester

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED _____

DEPTH OF WELL _____ (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-2520

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 270

OWNER: Hobson & Soller, Inc LAST NAME FIRST NAME

STREET OR RFD: 3rd Street NW POST OFFICE: Worcester 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>Shale</u>	<u>0</u>	<u>30</u>	
<u>Hardening</u>	<u>30</u>	<u>125</u>	
<u>Water</u>			
<u>Residual Pit</u>			

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
CEMENT BENTONITE CLAY

NO. OF BAGS 11 NO. OF POUNDS 485

GALLONS OF WATER 65

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM 0 FT. TO 38 FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW: S T C O P L O T

STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 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: S T B R H O P L O T

STEEL BRASS OR BRONZE PLASTIC OTHER

DEPTH (NEAREST WHOLE-FOOT)

EACH SCREEN	FROM		TO	
	1	2	3	4
1	<u>8</u>	<u>9</u>	<u>11</u>	<u>135</u>
2				
3				

SLOT SIZE 1. _____ 2. _____ 3. _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX F

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

TELESCOPE CASING LOG INDICATOR

OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 8

METHOD USED TO MEASURE PUMPING RATE Spool Valve

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING 20 (NEAREST FOOT)
WHEN PUMPING 90 (NEAREST FOOT)

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

PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) 31

PUMP HORSE POWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
 ABOVE } LAND SURFACE } (NEAREST FOOT)
 BELOW }

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).

Lot 14

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: Barry F. ...

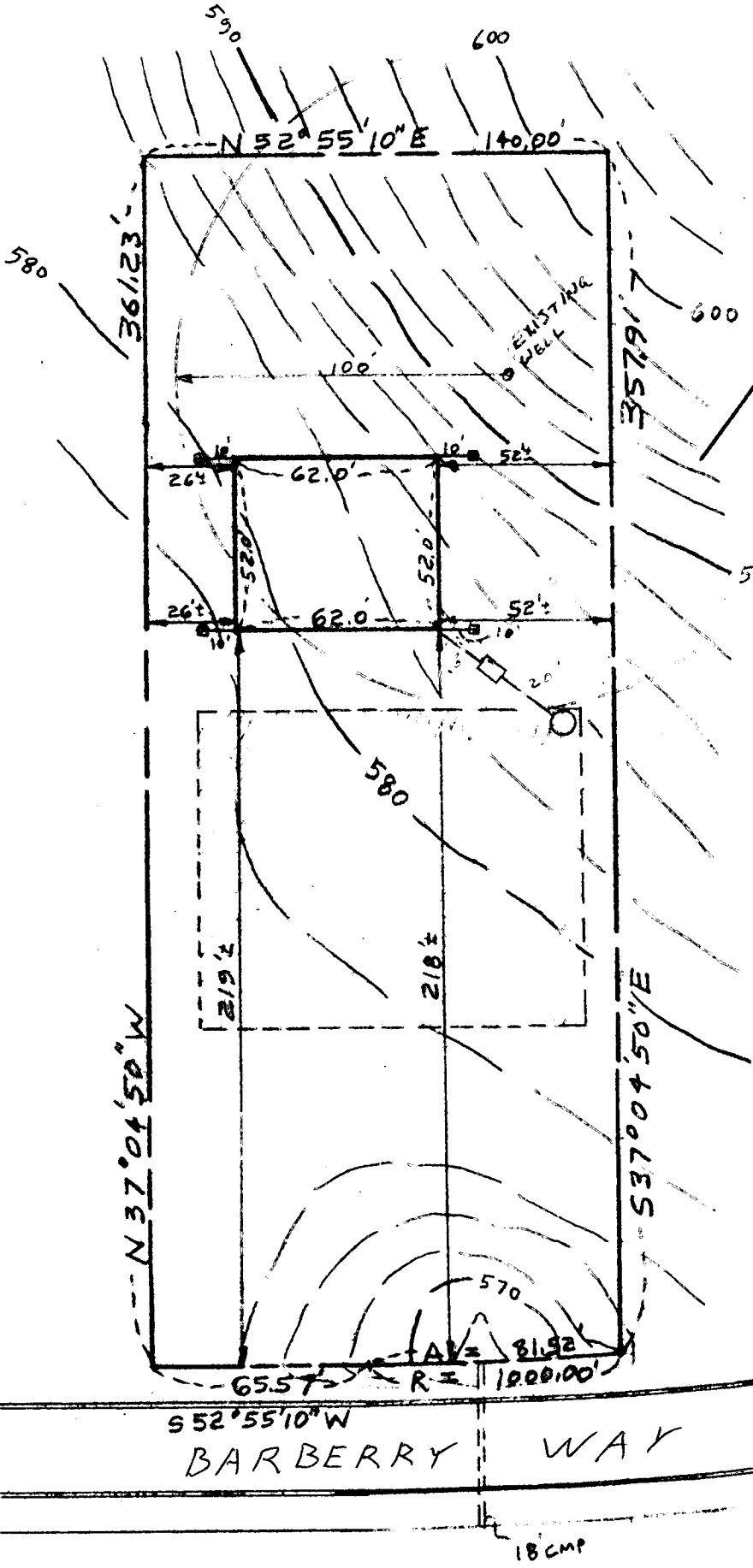
(PLEASE PRINT) SIGNATURE: [Signature]

William E. Doyle

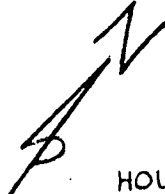
LAND SURVEYOR 8440

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

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.
FEB 24 9 58 AM '81



□ DENOTES TACKED HUB AND GUARD SET



HOUSE STAKEOUT
AND
SITE PLAN

BARBERRY WAY
LOT 14
WESTCLIFFE MANOR
PLAT NO. 3897
ELECT. DIST 4
HOWARD CO., MD.

2/23/81
Sketch OK
F.S.

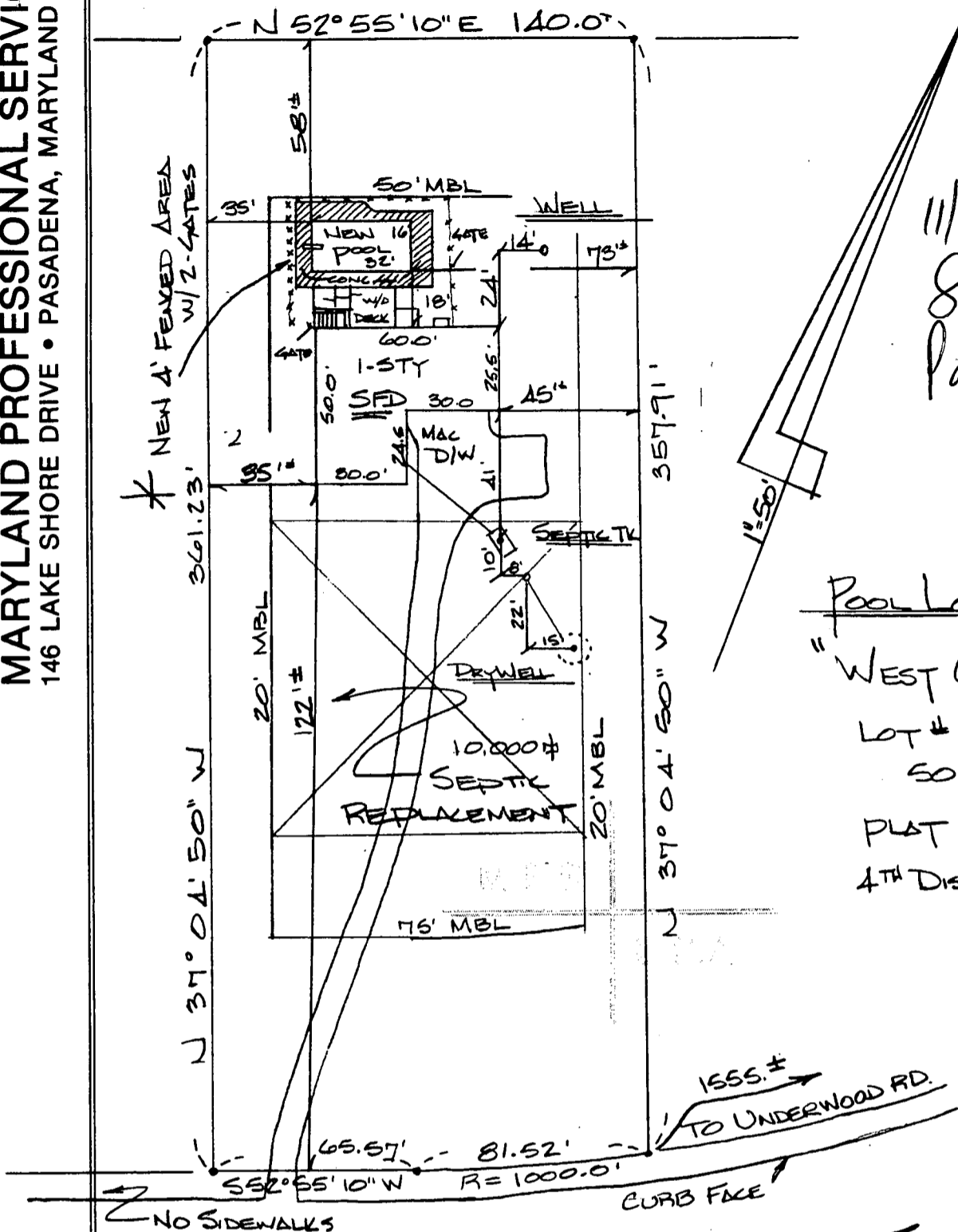
EXIST. GRD DRYWELL 583.80
INV. IN DRYWELL 579.80
INV. OUT SEPTIC TANK 578.40
INV. IN SEPTIC TANK 579.00
INV OUT DWELLING 579.32
FIRST FLOOR ELEV. 588.00
BASEMENT ELEV. 580.00
WELL ELEV. 593.00
NO. BEDROOMS 4
ACREAGE 1.1588

SCALE: 1" = 50'
DRAWN: FEB 19, 1981

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

SIGNED *William E. Doyle*





11/16/84
 Sketch for
 Pool & Fence OK.
 J.S. Quinn

POOL LOCATION PLAN
 "WEST CLIFF MANOR"
 LOT # 14 1.24 AC
 50.477.32 #
 PLAT # 3897
 4TH DIST. HOWARD CO. MD.

POOL SETBACKS

FRONT	190"
L/S	35"
R/S	73"
REAR	58"

← BARBERRY WAY →

INSTALLING
 NEW SWIMMING POOL
 INGROUND TYPE
 16' x 32' RECT. SIZE
 17,970 GAL.
 508 #
 W/ PERFLEX EL. 65 D.E.
 NON BACKWASH FILTER

NOTE
 LOT IS SERVICED BY:
 WELL IN REAR LOT
 #HD-73-2520
 SEPTIC & REPLACEMENTS
 IN FRONT YARD

* OWNER TO ERECT:
 FENCE AREA, 4' MIN.
 TO MEET HOWARD CO.
 BLDG REQ.

OWNER
 SCOTT W. MCCOY
 13734 BARBERRY WAY
 SYKESVILLE MD 21784
 PH. # 442-1812