

7/17/79
be ready around
7/16/79
please

7/17/79
approved KH

PERMIT

P 28971
A 26032

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

03-305589

ELLICOTT CITY

DISTRICT 3rd

DATE 10/3/78

INDEXED

Liberty Backhoe Service, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Friendship Manor ROAD 2619 Wellworth Way LOT 9

PROPERTY OWNER Rembrandt Builders John & Lisa Beck.

ADDRESS 9051 Baltimore National Pike, Ellicott City, Md. Phone: 465-3000

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 135 SQ. FT. absorbent sidewall area per bedroom.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 250 FT. FROM front LOT LINE AND 100 FT. FROM left LOT LINE AS SEEN WHEN
FACING LOT FROM the front.

Begin the trench 5 ft. from the edge of the dry well and follow the contour of the land. The trench will be 2 ft. wide, 10 ft. deep and contain 7 ft. of stone. Run trench the necessary distance to make up for total sidewall area in system.

BLDG. PERMIT SIGNED
AND RETURNED 5/9/01
0001300 341 Pool

PLANS APPROVED BY Donald W. Monaghan DATE 6/30/77

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.

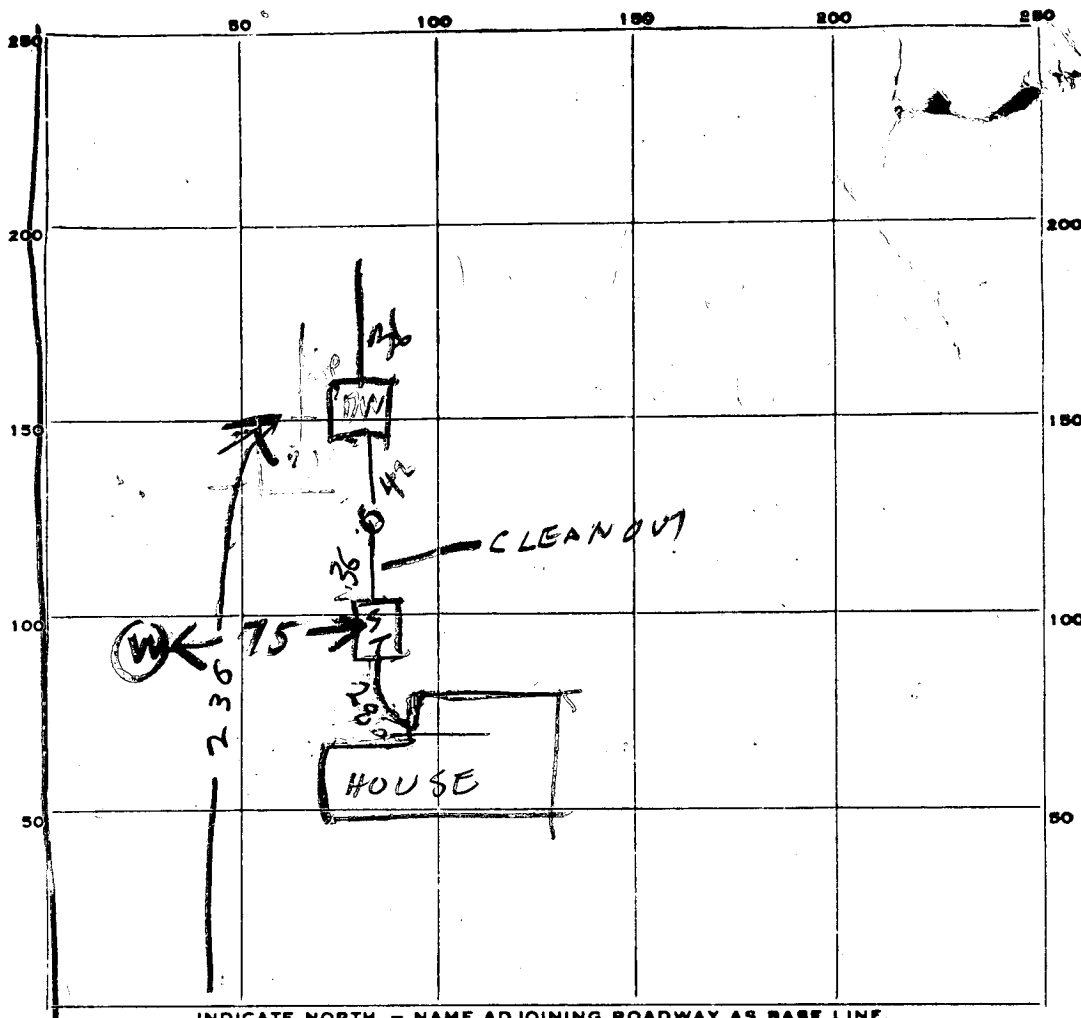
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA
COTTA ACCEPTED.

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

BLDG. PERMIT SIGNED
AND RETURNED 4/4/80
Serial # 13338
Barr

A 26032

BLDG. PERMIT SIGNED
AND RETURNED 5-13-99
Serial # B0117541
3-story addition



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS OK 7/17 OK 7/17

DISTRIBUTION BOX, LEVEL TOP 6" BELOW GRADE

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7.5 IN. TOTAL LENGTH 36 FT.

NUMBER OF TRENCHES 1

TOTAL BOTTOM AREA 270

SEEPAGE PITS, INSIDE DIAMETER 46 PERIMETER 46 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 312 SQ. FT.

REMARKS 7/16/79 - ADD STONE TO DITCH FINISH WORK

ON TANK, DW & SEWERS & CALL RA

4 X 135 = 540 SQ FT REQUIRED

270 + 312 = 582 SQ FT INSTALLED

DATE SYSTEM APPROVED 7/17/79

INSPECTOR Raymond Walsh

APPLICATION

A 26032

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3rd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 6/7/77

Handwritten note:
1/20/77
W/100 97

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 William B. Ridgely

ADDRESS Spring Meadow Farm Cooksville, Md. 21728 PHONE Carol Clark 531-5115

PROPERTY LOCATION:

SUBDIVISION Ridgely Property (Friendship Manor) LOT NO. 9

ROAD AND DESCRIPTION Rte. 144 - Rte. 32
2619 Wellworth Way

SIZE OF LOT ? TYPE BLDG. 3 or 4 bedroom
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/ Albert Scheel

BLDG. PERMIT SIGNED
AND RETURNED 10/3/78
Series No. 37003

APPROVED BY Rm FOR SW Trench DATE 6-30-77
(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

115
 75

 575
 805

 8600
 18 75

 104 50

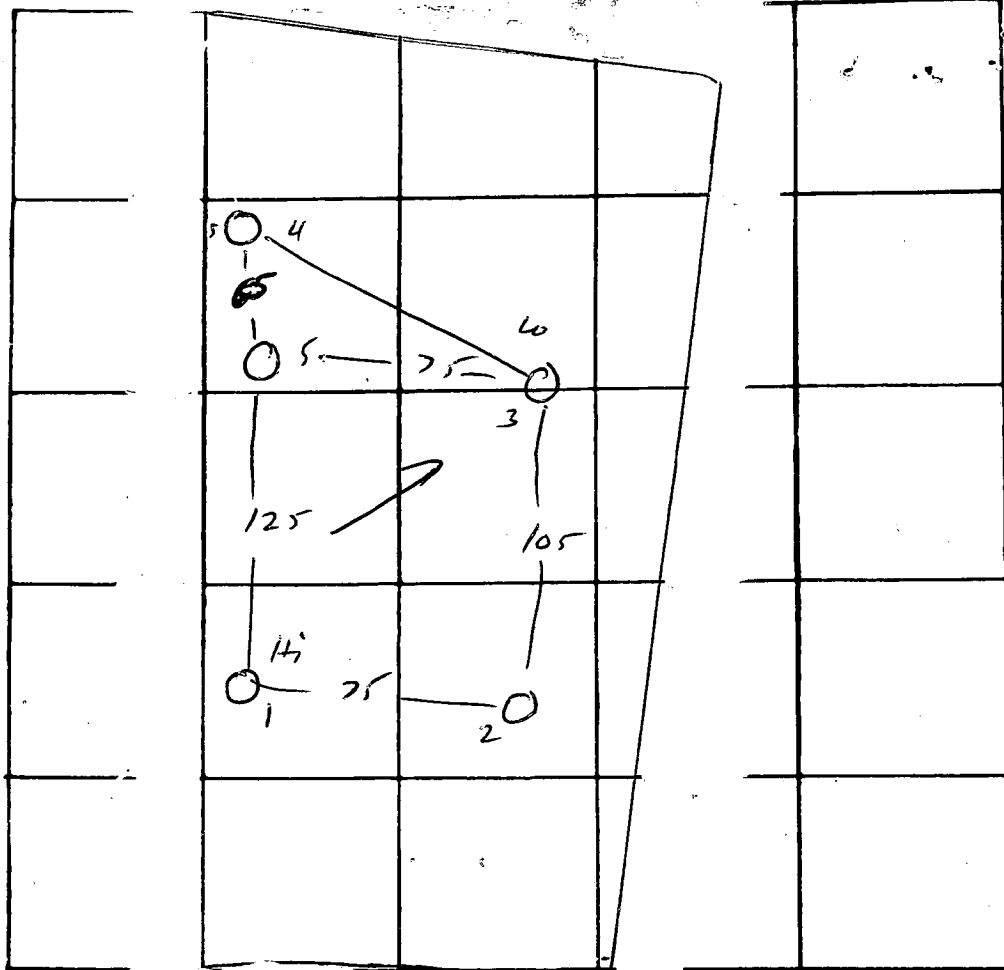
 3250
 187

 1400

200

17500

 2



Lot 9

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
30 Dec 77	1	2 1/2	11 01	11 05	11 03	11 07	4
	1A	13	11 01	11 04	11 04	11 11	7
	2	12	vis				
	3	2	11 13	11 18	11 18	11 29	11
	3A	13	11 13	11 18	11 18	11 27	10
	4	3	11 20	11 24	11 24	11 34	10
	4A	12 1/2	11 20	11 27	11 27	11 42	15
	5	12	vis				

REMARKS _____

TYPE OF SOIL empty loam

TESTED BY _____ ALSO PRESENT: Scheel

B 1 **44**

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-70-2907

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
9/27/78
9:30 A.M.

OWNER Chateau Builders
COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD 8654 Balt. Natl. Pike
COL 36 COL. 55

POST OFFICE Blisett City, Md.
COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE 8/15/78 LICENSE NUMBER 40
77 80

FIRST NAME J. F. Easterday DRILLER LAST NAME

SIGNATURE J. F. Easterday

B 3 LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION Farmership Manor 29 42

SECTION 9 LOT 44 48 50

NEAREST TOWN West Friendship 52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 0 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) 600 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

NORTH EAST NE NORTHEAST SE SOUTHEAST

SOUTH WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT ROAD 1144

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 400 34 37 38 39

APPROXIMATE DEPTH OF WELL 150 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)

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)

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.

N
67' - CASING
2' - ABOVE GR
48' - OPEN HOLE
24 - BAGS CEMENT
OK
9/28/78

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 CONDITIONS 70 71 72 73 74 75 76 77 78 79

BOX NUMBER 810
530

NORTH COORDINATE 50 51 52 53 54 55

EAST COORDINATE 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) 0/0 65 66 67 68 70/0 5/0

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

41 STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. W28762

MO. DAY YR. 08 28 78

DATE 08 28 78 APPROVED BY Donald W. Monaghan, Sanitarian

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

1 2 3 (SEQ. NO.) 6

C 1 2566 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY) 9/27/78
DATE WELL COMPLETED

8-13 15 20

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

PERMIT NO. FROM PERMIT TO DRILL WELL 711-17-393

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 40

OWNER Chatcaw Builders
STREET OR RFD 2651 BAYVIEW PIKE POST OFFICE ELlicott city

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	
topsoil	0	2	
shale	2	40	
sandy	40	52	
concretion	52	70	
shell	70	80	
concretion	80	84	
mica	84	110	
shale	110	115	
shale	115	145	
sandstone	145	152	
mica	152	285	
quartz	285	300	
mica	300		

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT (C) BENTONITE CLAY (B)

NO. OF BAGS 24 NO. OF POUNDS 2400

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 54 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL (S) CONCRETE (C) PLASTIC (P) OTHER (O)

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 67

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 35 (NEAREST FOOT) WHEN PUMPING 300 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) AIR (A) PISTON (P) TURBINE (T) CENTRIFUGAL (C) ROTARY (R) OTHER (O) JET (J) SUBMERSIBLE (S)

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

PUMP INSTALLED

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

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N)

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 3600

PUMP HORSE POWER 37

PUMP COLUMN LENGTH (NEAREST FOOT) 43

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL (S) BRASS OR BRONZE (BR) OPEN HOLE (HO) PLASTIC (P) OTHER (O)

SCREEN TYPE OR OPEN HOLE HO

DEPTH (NEAREST WHOLE FOOT) FROM 65 TO 300

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE (+) BELOW (-)

LAND SURFACE (NEAREST FOOT) 0.2

CIRCLE APPROPRIATE BOXES

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

E ELECTRIC LOG OBTAINED

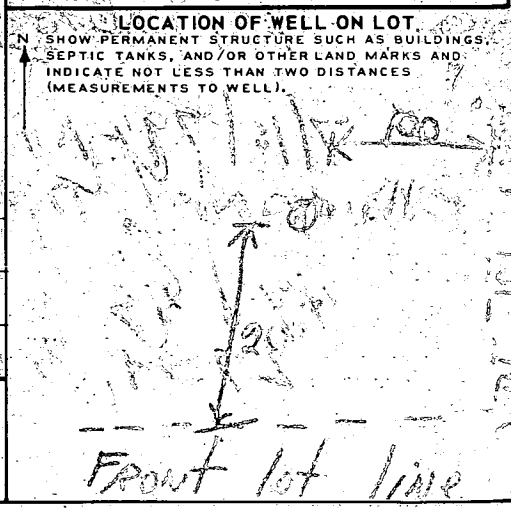
P TEST WELL CONVERTED TO PRODUCTION WELL

SCREEN TYPE OR OPEN HOLE HO

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 56 TO 60

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F



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 George F. Easterday

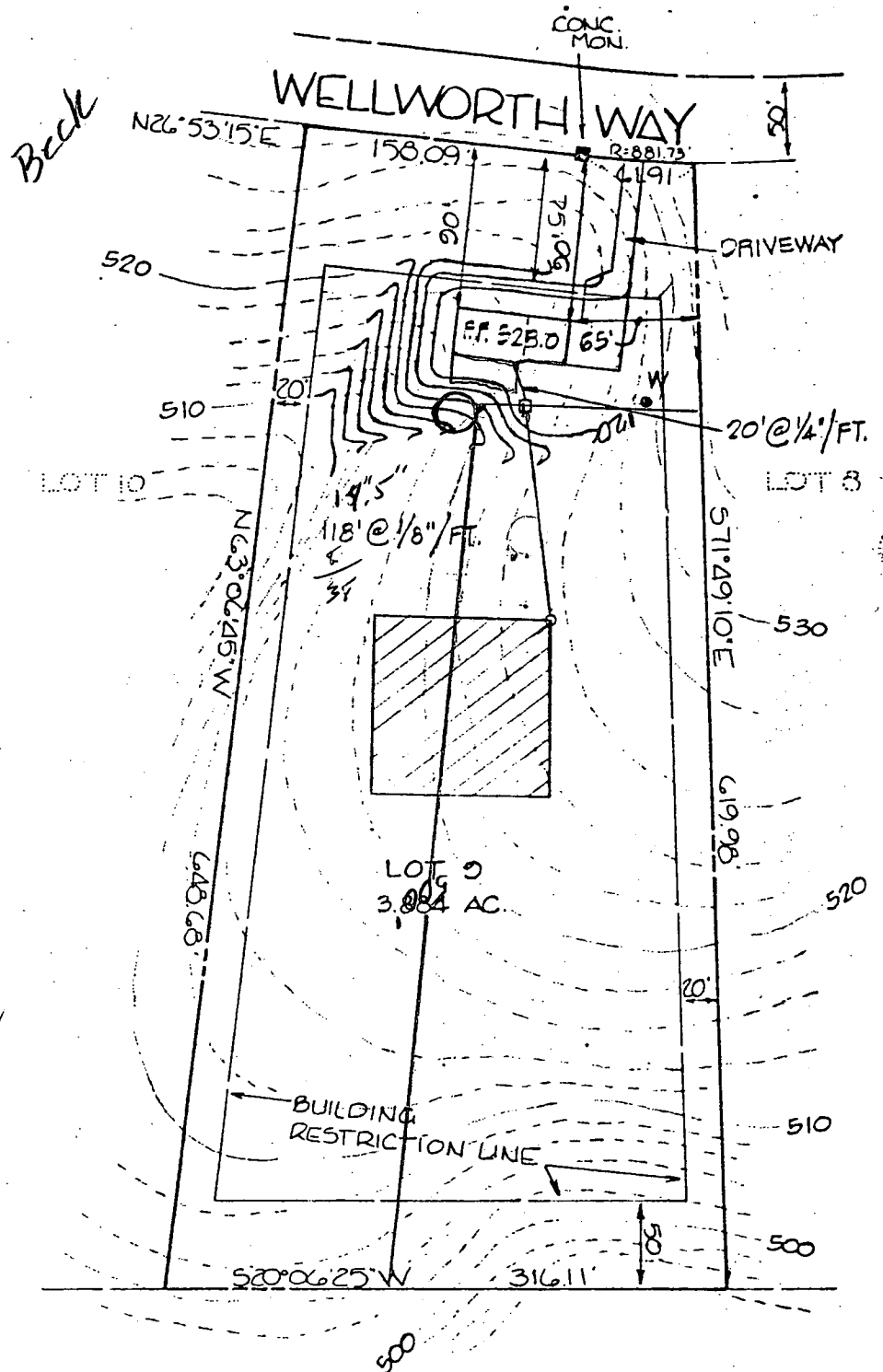
(PLEASE PRINT) SIGNATURE George F. Easterday

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

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

4/9/01
 B00130034
 Per owner pool will
 be 120' off left lot line
 and 500' off back

02
 0704
~~10/2/01~~
 10/03/01



HOUSE:

F.F. ELEV. 528.0
 BSMT. ELEV. 519.5
 INV. OUT. 523.9

SEPTIC TANK:

EX. GRADE 522.0
 PROP. GRADE 527.0
 INV. IN 523.5
 INV. OUT 523.2

DRYWELL:

EX. GRADE 525.0
 PROP. GRADE 525.0
 INV. IN 522.0

WELL:

EX. GRADE 529.0
 PROP. GRADE 529.0

NOTE: Topography shown hereon is based on Howard County Aerial Topography Maps. Contractor to set grades in the field.

TITLE

GRADING STUDY