

APPROVED  
9/22/80 RH  
P 30884  
A 27842

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd.

DATE 8/27/80

**INDEXED**

03-306348

9/17/80  
a.m. - one resp.  
p.m. - 2nd "

Allen's Backhoe Rental IS PERMITTED TO INSTALL  ALTER

ADDRESS 15050 Carrs Mill Road, Woodbine, Maryland 21797 PHONE 489-7095

SUBDIVISION Buttercup Estates ROAD 12798 ~~Route 144~~ Buttercup Ct. LOT 5

PROPERTY OWNER W. F. Dieck PHONE: 489-4936

ADDRESS 3285 Roscommon Drive, Glenelg, Maryland 21737

SPECIFICATIONS 3 bedrooms - 1000 gallon septic tank  
4 bedrooms - 1250 gallon septic tank  
SEPTIC TANK CAPACITY \_\_\_\_\_ 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 125 SQ. FT. per bedroom

INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH, 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT \_\_\_\_\_ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AND \_\_\_\_\_ FT. FROM \_\_\_\_\_ LOT LINE AS SEEN WHEN

FACING LOT FROM

4165' in length

307.5' in length

Location of dry well per engineer's plat: 150 feet from (left property line) and 175 feet from (rear of property) when facing lot from court A.

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 INSPECTION OF TRENCH - BEFORE AND AFTER STONE IN.

*old trench only, 60' proposed 8 1/2' eff. Le*

PLANS APPROVED BY C. B. Streaker DATE 10/17/78

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.

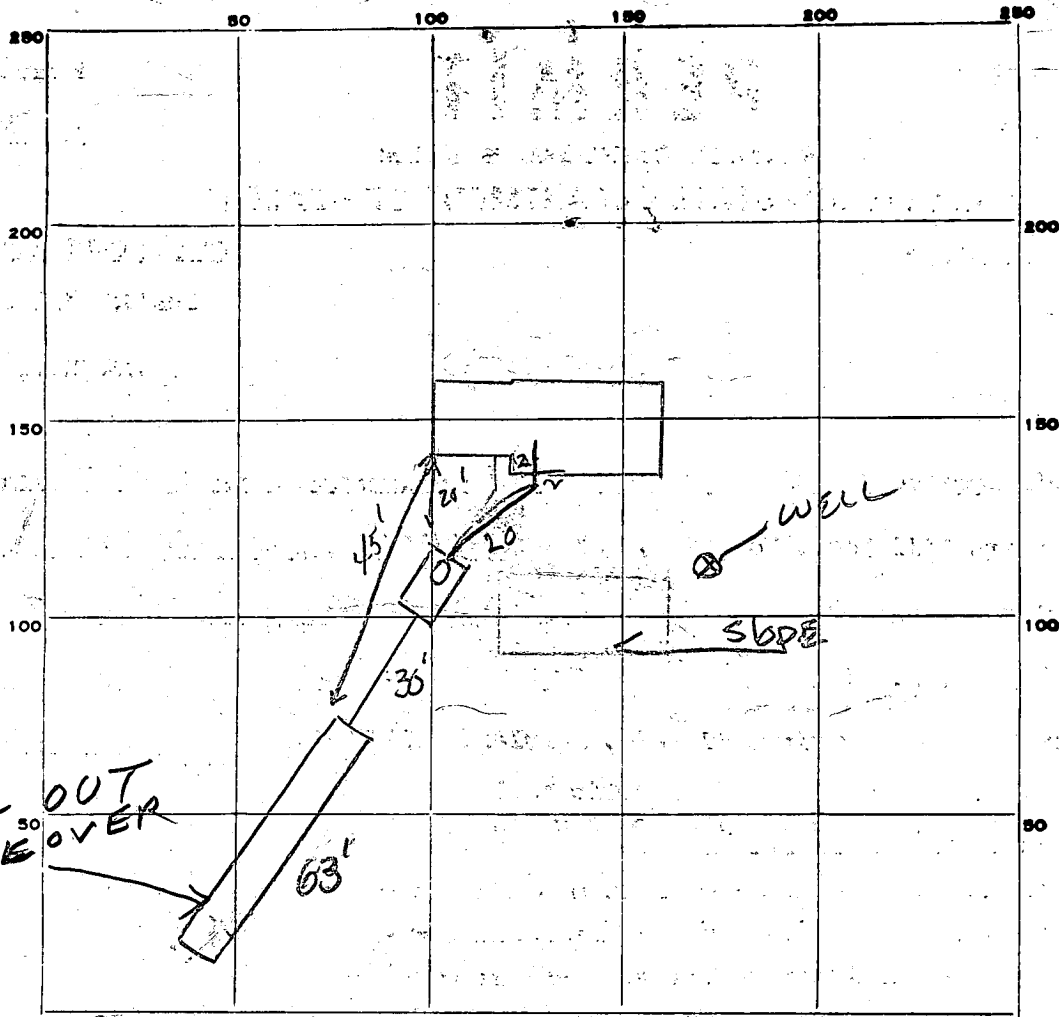
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 27842



60  
35  
30  
40  
30

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

Trench  
TILE FIELD; DEPTH 12' FT. TRENCH WIDTH 2 1/2' FT.

GRAVEL DEPTH 8 IN. TOTAL LENGTH 63' FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 50.4

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

9-17-80  
REMARKS OK TO ADD GRAVEL TO FIRST 50', NEED ADDITIONAL 10' OF TRENCH, OK TO GRAVEL LAST 10 FEET, OK TO connect to Septic Tank + pipe to trench. OK!

9-17-80 Arrived site 4:30 PM Trench covered. Left site to call the office. did not make final inspection of trench

9/22/80 - DITCH OK + HOUSE SEWER CONNECTIONS

DATE SYSTEM APPROVED 9/22/80

INSPECTOR Raymond Hodges

# APPLICATION

A 27842

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  
DISTRICT 3rd  
4 Bedrooms 1250 gallons  
DATE 4/17/78

⊗ Dry well to have 125 sq. ft. effective  
absorbent sidewall area per bedroom below  
inlet. Inlet to be 3 1/2' below original grade  
and maximum depth 12'. Location per engineer's  
plans: 150' from (left property line) and 175' from (rear  
of property) when facing lot from court. #1.  
*(being 465' in length)*

⊗ or if dry well + trench used - need:

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 W. F. Dieck  
Chester E. Grimes

ADDRESS 3285 Roscommon Drive  
12790 Frederick Road, West Friendship, Md.

PROPERTY LOCATION: Glenely, Maryland 21737

SUBDIVISION Buttercup Estates

ROAD AND DESCRIPTION Route 144

SIZE OF LOT 3.3 acres m/1

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/ Jack Boender

APPROVED BY C. E. Straker FOR Dry well + trench DATE 10/17/78  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 11/21/78  
serial # 41922

# THIS IS NOT A PERMIT



EMERGENCY NO. (If any) -

B 1	1235	SEQUENCE NO. (WRA USE ONLY)	<b>STATE OF MARYLAND</b> <b>WATER RESOURCES ADMINISTRATION</b> <b>TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	<b>WRA PERMIT NUMBER</b> <span style="font-size: 24pt; font-family: cursive;">HO-73-3327</span>
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-5 ON ALL CARDS)			<b>FILL IN THIS FORM COMPLETELY</b>	
DATE RECEIVED (WRA USE ONLY) <span style="font-size: 24pt; font-family: cursive;">7/11/79</span> <span style="font-size: 24pt; font-family: cursive;">1:30 P.M.</span> <span style="font-size: 24pt; font-family: cursive;">1st</span>	<b>OWNER</b> COL 15 LAST NAME <span style="font-size: 24pt; font-family: cursive;">WATERBURY</span>		FIRST NAME <span style="font-size: 24pt; font-family: cursive;">Norman Reizen</span> COL. 34	
<b>STREET OR RFD</b> COL. 36 <span style="font-size: 24pt; font-family: cursive;">14231 Triadelphia Road</span>		COL. 55		
<b>POST OFFICE</b> COL. 57 <span style="font-size: 24pt; font-family: cursive;">Glenela, Maryland 21737</span>		COL. 76		

B 1	CONTINUED	<b>DRILLER INFORMATION</b>
1 2 3 (SEQ. NO.) 6		
<b>DATE</b> <span style="font-size: 24pt; font-family: cursive;">July 15, 1979</span>		<b>LICENSE NUMBER</b> <span style="font-size: 24pt; font-family: cursive;">256</span> COL. 80
<b>FIRST NAME</b> <span style="font-size: 24pt; font-family: cursive;">Dana</span>		<b>DRILLER LAST NAME</b> <span style="font-size: 24pt; font-family: cursive;">Kyker, Jr. II</span>
<b>SIGNATURE</b> <span style="font-size: 24pt; font-family: cursive;">[Signature]</span>		

B 3	CONTINUED	<b>LOCATION OF WELL</b>
1 2 3 (SEQ. NO.) 6		
<b>COUNTY</b> <span style="font-size: 24pt; font-family: cursive;">Howard</span>		(DO NOT ABBREVIATE COUNTY NAME) COL. 21
<b>SUBDIVISION</b> <span style="font-size: 24pt; font-family: cursive;">"Buttercup Estates"</span>		COL. 42
<b>SECTION</b> <span style="font-size: 24pt; font-family: cursive;">44</span>		<b>LOT</b> <span style="font-size: 24pt; font-family: cursive;">5</span> COL. 50
<b>NEAREST TOWN</b> <span style="font-size: 24pt; font-family: cursive;">West Friendship</span> COL. 71		
<b>MILES FROM TOWN (ENTER 0 IF IN TOWN)</b> <span style="font-size: 24pt; font-family: cursive;">2.6</span> COL. 76-77		

B 2	CONTINUED	<b>WELL INFORMATION</b>
1 2 3 (SEQ. NO.) 6		
<b>MAXIMUM PUMPING RATE (GALLONS PER MINUTE)</b> <span style="font-size: 24pt; font-family: cursive;">6</span>		COL. 12
<b>AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)</b> <span style="font-size: 24pt; font-family: cursive;">600</span>		COL. 20
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b>		
<input type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)		
<input type="radio"/> FARMING, AGRICULTURE, IRRIGATION		
<input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.		
<input type="radio"/> MUNICIPAL WATER SUPPLY		
<input type="radio"/> PRIVATE WATER COMPANY		
<input type="radio"/> TEST		
MUST HAVE STATE HEALTH DEPT. APPROVAL		

B 4	CONTINUED	<b>DIRECTION FROM TOWN</b>
1 2 3 (SEQ. NO.) 6		
(CIRCLE APPROPRIATE BOX)		
<input type="radio"/> N NORTH <input type="radio"/> E EAST <input type="radio"/> NE NORTHEAST <input type="radio"/> SE SOUTHEAST		
<input type="radio"/> S SOUTH <input type="radio"/> W WEST <input type="radio"/> NW NORTHWEST <input type="radio"/> SW SOUTHWEST		
<b>NEAR WHAT ROAD</b> <span style="font-size: 24pt; font-family: cursive;">279 RA</span>		
<b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b>		
<input type="radio"/> NORTH <input type="radio"/> SOUTH <input type="radio"/> EAST <input type="radio"/> WEST		
<b>DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)</b> <span style="font-size: 24pt; font-family: cursive;">350</span> COL. 37		

B 3	CONTINUED	<b>APPROXIMATE DEPTH OF WELL</b>
24 <span style="font-size: 24pt; font-family: cursive;">170'</span> 28 FEET		COL. 28
<b>APPROXIMATE DIAMETER OF WELL</b> <span style="font-size: 24pt; font-family: cursive;">6"</span> (NEAREST INCH)		COL. 28
<b>METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)</b>		
<input type="radio"/> BORED (OR AUGERED) <input type="radio"/> JETTED <input type="radio"/> DRIVEN		
<input type="radio"/> AIR-ROTARY <input type="radio"/> AIR-PERCUSSION <input type="radio"/> ROTARY (HYDRAULIC ROTARY)		
<input type="radio"/> CABLE <input type="radio"/> REVERSE-ROTARY <input type="radio"/> DRIVE-POINT		
OTHER (DESCRIBE) _____		
<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b>		
<input type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL		
<input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED		
<input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY		
<input type="radio"/> THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (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.

7/11/79

60ft casing

1 1/2 open hole

19 bags cement

OK

Location OK

RT. 144

<b>NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)</b>		
<b>APPROPRIATION PERMIT NUMBER</b> <span style="font-size: 24pt; font-family: cursive;">54</span>	<b>ENGINEER REVIEW DISTRICT NO.</b> <span style="font-size: 24pt; font-family: cursive;">63</span>	COL. 65
<b>FORCE</b> <span style="font-size: 24pt; font-family: cursive;">[initials]</span>	<b>CONDITIONS</b> <span style="font-size: 24pt; font-family: cursive;">[initials]</span>	COL. 70-79
<b>HEALTH DEPARTMENT APPROVAL</b>		
41 <input type="radio"/> STATE HEALTH COUNTY NAME <span style="font-size: 24pt; font-family: cursive;">Howard</span> COUNTY NO. <span style="font-size: 24pt; font-family: cursive;">W278A2</span>		
DATE <span style="font-size: 24pt; font-family: cursive;">7/18/79</span> APPROVED BY <span style="font-size: 24pt; font-family: cursive;">[Signature]</span>		
43 <span style="font-size: 24pt; font-family: cursive;">Donald W. Monaghan, Sanitarian</span>		

B 4	CONTINUED	<b>HEALTH DEPARTMENT APPROVAL</b>
1 2 3 (SEQ. NO.) 6		
<b>NORTH COORDINATE</b> <span style="font-size: 24pt; font-family: cursive;">[initials]</span>		50-51 52 53 54 55
<b>EAST COORDINATE</b> <span style="font-size: 24pt; font-family: cursive;">[initials]</span>		57 58 59 60 61 62 63
<b>ELEVATION AT WELL HEAD (FEET)</b> <span style="font-size: 24pt; font-family: cursive;">[initials]</span>		65 66 67 68

3rd District A 278A2 HEALTH

C 1 **9221** 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, MD. 21401  
**WELL COMPLETION REPORT**

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETE

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER 077202

DATE RECEIVED (WRA USE ONLY) \_\_\_\_\_ DATE WELL COMPLETED July 11 1979

DEPTH OF WELL 177 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3327  
 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 296

OWNER Walerox Joint Venture Company / Norman Reizen  
 LAST NAME FIRST NAME

STREET OR RFD 14251 Tridelpnia Road POST OFFICE Glenolgy, Md. 21737

**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	
Dirt	0	3	
Soft Brown Mica	3	51	
Hard Brown & Blue Mica	51	70	
Brown Mica	70	73	X
Blue Mica	73	89	
Brown Mica	89	91	X
Blue & Black Mica	91	102	X
Brown Mica	102	104	
Blue sandstone	104	116	
Yellow sandstone	116	122	X
Blue sandstone mixed with Blue Mica	122	177	

**GROUTING RECORD**

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)  YES  NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)  CEMENT  BENTONITE CLAY

NO. OF BAGS 19 NO. OF POUNDS 1,720

GALLONS OF WATER 114

**DEPTH OF GROUT SEAL (TO NEAREST FOOT)**

FROM 0 FT. TO 60 FT.  
 (ENTER 0 IF FROM SURFACE)

**CASING RECORD**

INSERT APPROPRIATE CODE BELOW

STEEL  CONCRETE

PLASTIC  OTHER

MAIN CASING TYPE  S  T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 62

**OTHER CASING (IF USED)**

DIAMETER (INCH) \_\_\_\_\_ DEPTH (FEET) FROM \_\_\_\_\_ TO \_\_\_\_\_

**SCREEN RECORD**

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

STEEL  BRASS OR BRONZE  OPEN HOLE

PLASTIC  OTHER

**DEPTH (NEAREST WHOLE FOOT)**

FROM \_\_\_\_\_ TO \_\_\_\_\_

EACH SCREEN

1	8	9	11	15	17	21
2						
3	23	24	26	30	32	36
	38	39	41	45	47	51

SLOT SIZE 1, \_\_\_\_\_ 2, \_\_\_\_\_ 3, \_\_\_\_\_

DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)

FROM \_\_\_\_\_ TO \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX  68  F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

T  W

LOG INDICATOR  72

OTHER DATA AVAILABLE  74  75  76

C 3 (SEQ. NO.) 6

**PUMPING TEST**

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6

METHOD USED TO MEASURE PUMPING RATE Flowmeter

**WATER LEVEL: (DISTANCE FROM LAND SURFACE)**

BEFORE PUMPING 73 (NEAREST FOOT) 17 20

WHEN PUMPING 122 (NEAREST FOOT) 22 25

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

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)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  YES  NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) \_\_\_\_\_

PUMP HORSE POWER \_\_\_\_\_

PUMP COLUMN LENGTH (NEAREST FOOT) \_\_\_\_\_

**CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)**

ABOVE  BELOW

LAND SURFACE 2 (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).

**CIRCLE APPROPRIATE BOXES**

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

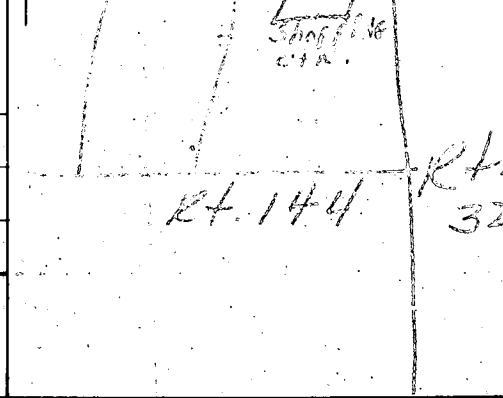
E ELECTRIC LOG OBTAINED

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 Ronald Lee Kyser

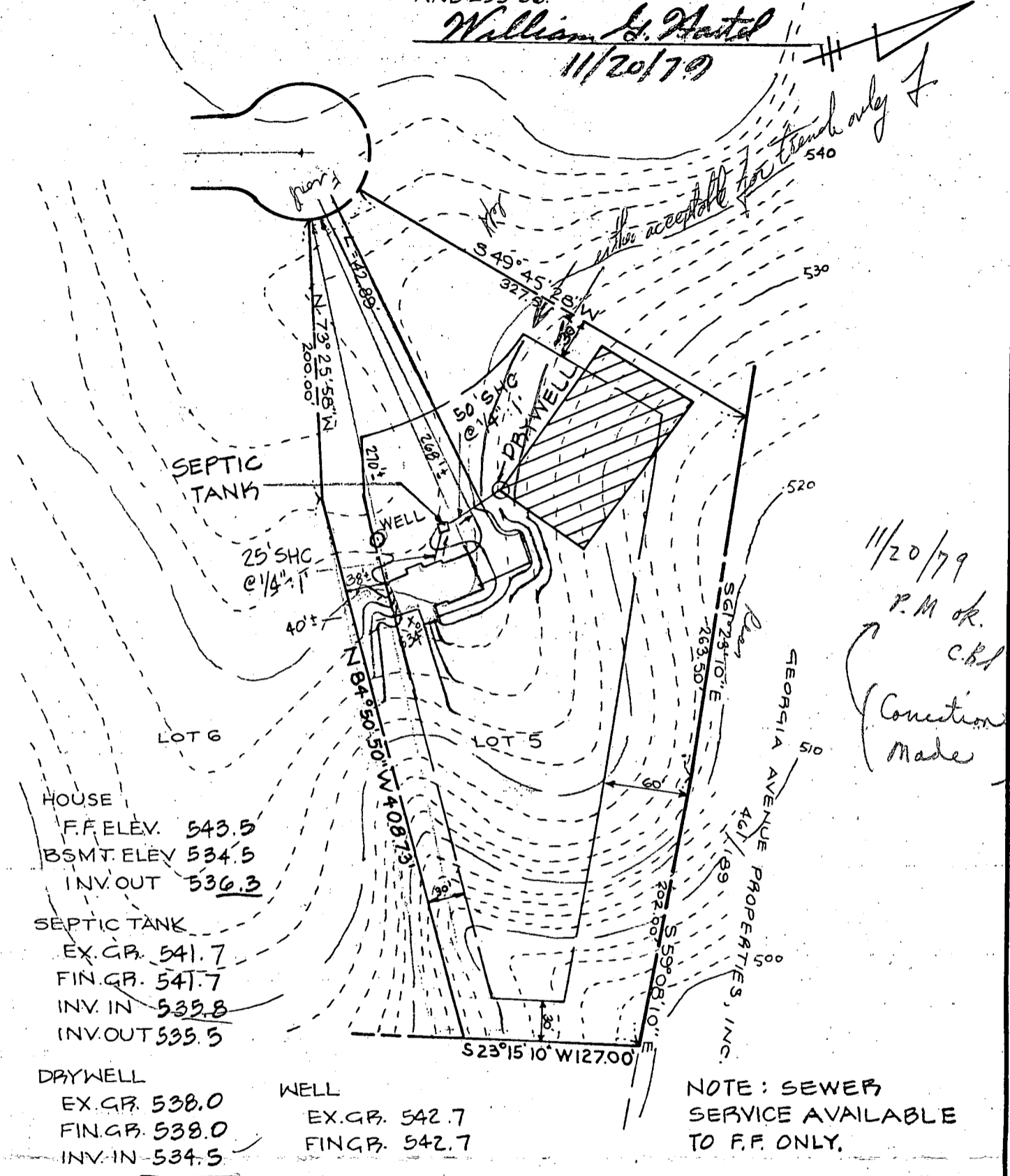
SIGNATURE Ronald Lee Kyser



NOTES:  
 1. CONTRACTOR TO SET GRADES IN THE FIELD.  
 2. TOPO IS FROM HO. CO. AERIAL TOPOGRAPHIC SURVEY MAP NOS. 234-36 AND 235-36.

I CERTIFY THAT THE GRADES ON THIS LOT ARE TRUE AND CORRECT AS REPRODUCED FROM THE HO. CO. TOPOGRAPHIC SURVEY MAP NOS. 234-36 AND 235-36.

*William G. Hantel*  
 11/20/79



HOUSE  
 F.F. ELEV. 543.5  
 BSMT. ELEV. 534.5  
 INV. OUT. 536.3

SEPTIC TANK  
 EX. GR. 541.7  
 FIN. GR. 541.7  
 INV. IN. 535.8  
 INV. OUT. 535.5

DRYWELL  
 EX. GR. 538.0  
 FIN. GR. 538.0  
 INV. IN. 534.5

WELL  
 EX. GR. 542.7  
 FIN. GR. 542.7

NOTE: SEWER SERVICE AVAILABLE TO F.F. ONLY.

11/20/79  
 P.M. ok.  
 C.B.L.  
 (Correction made)

TITLE GRADING STUDY			
PROJECT BUTTERCUP ESTATES LOT 5			
LOCATION 3 <sup>RD</sup> ELECTION DISTRICT		HOWARD CO. MD.	
DATE: MAY, 1979	DESIGN. BY: W.H.N.	DRAWN BY: G.E.W.	CHECKED BY: P.L.M.
SCALE: 1"=100'	JOB NO.: 79100	DRAWING NO.: 1 OF 1	

boender associates

engineers  
 surveyors  
 planners