

3/8/93 10:00
3/9/93 2:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 48989

A REPAIR

DISTRICT 3rd

DATE 3/3/93

DATE SYSTEM APPROVED 3/9/93

INSPECTOR RH

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-3833~~ 313-2640

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL ALTER X

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Woodmark, Sec. 6 LOT 45, Blk. B ROAD 12310 Benson Branch Road

PROPERTY OWNER Mr. and Mrs. Carl Pund

ADDRESS 12310 Benson Branch Road
Ellicott City, Maryland 21042

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

125 SQUARE FEET PER BEDROOM 5003 SFT PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 50

REPAIR - PURPOSE - DRYWELL HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 2/23/93

3/9/93

TRENCH BETWEEN TANK & DRY WELL & POWER LINE
TRENCH TO BE 50 FT LONG 15 FT DEEP 10 FT STONE
INLET 5 FT DEEP. FILL TRENCH WITH STONE AS IT IS
DUG (DANGER OF CAVE IN)

PLANS APPROVED BY _____ DATE _____

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

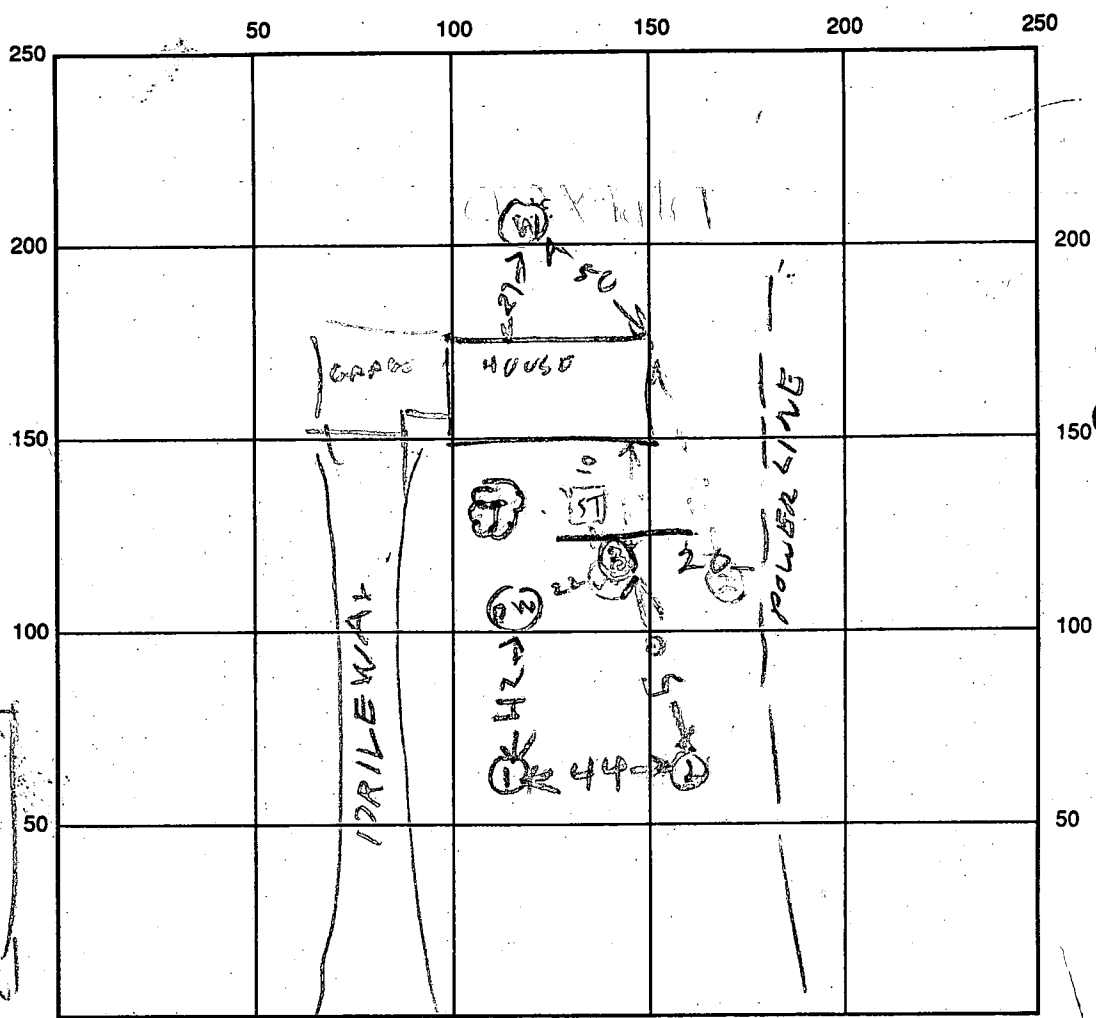
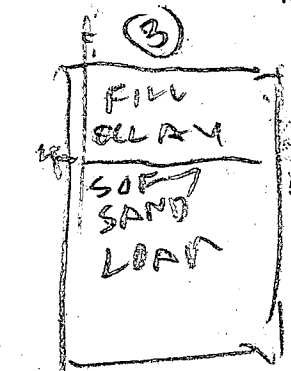
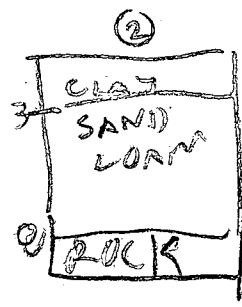
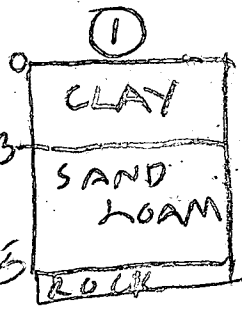
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

P 48989



WZ = WELDED
 DW = DRY WELDED
 ST = SEPTIC TANK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

BENSON BRANCH RD

SEPTIC TANK LEVEL _____ CLEANOUTS _____
 DISTRIBUTION BOX LEVEL _____
 DRAIN FIELD/TITLE DEPTH 12 FT. TRENCH WIDTH 2-4 FT. INLET DEPTH 3 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 9 FT. TOTAL LENGTH 50 FT.
 NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 500 SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: 3/9/93 ONE GOOD HOLE FOUND OK DEEP DITCH CONFIRMED
AREA RH 3/9/93 3" JOB ABOUT HALF DONE FINISH
JOB COVER RH

DATE SYSTEM APPROVED 3/9/93 INSPECTOR [Signature]

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 9/6/73

INDEXED

RECEIVED 14 MAR 74 THURSDAY

OFF 3-26-74
DWM

P 18946
A 14718

John Brinker

IS PERMITTED TO INSTALL ALTER

ADDRESS 3501 King William Drive, Olney, Maryland PHONE 774-9219

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

12310

SUBDIVISION Woodmark ROAD Benson Branch Road LOT 45, Blk. B, Sec. 6

PROPERTY OWNER John Brinker

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1250 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - 400 sq. ft. sidewall area below inlet withinlet no deeper than 4 ft. and bottom of dry well no deeper than 12 ft. Place the dry well 105 ft. from the front lot line and 90 ft. from the left side of the lot as seen when facing the lot from Benson Branch Road. Dry well will be 50 ft. from the house site

NOTE: ALL PIPE FROM HOUSE TO DRY WELL MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

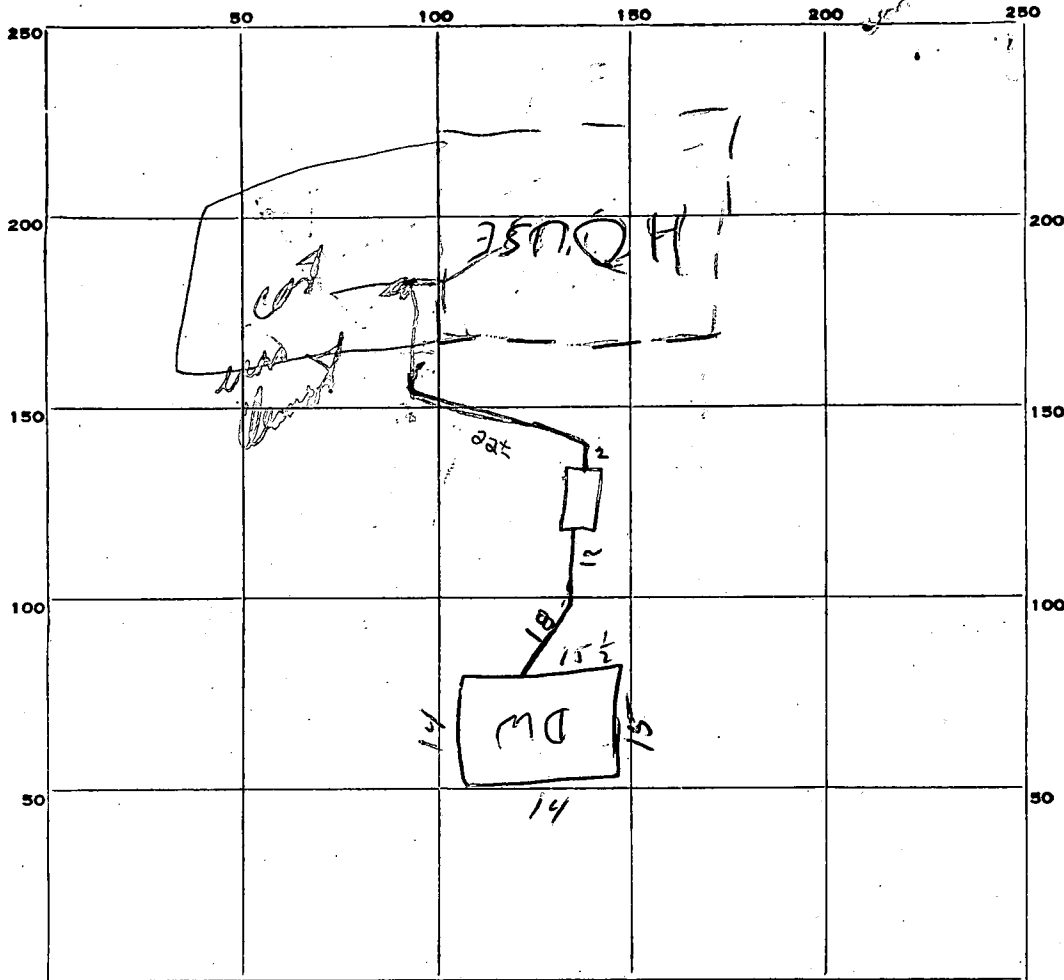
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL.

PLANS APPROVED BY Raymond Hodges DATE 8/19/71 and 8/23/73

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 14718



65
2
50

28
3 1/2

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD A-14718 P. 18946 Not used

SEPTIC TANK, LEVEL OK CLEANOUTS NO

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 58 1/2 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 409.5 SQ. FT.

10/10/73 REMARKS install S.T.; install p.w. Cleanout. Connect DW to ST
To house with cast-iron pipe; call when ready RM
DO NOT COVER WORK

no S.T., no connecting pipe R.M

11-12-73 out ready if I.

11/13/73 Connect tank to House & Put Cleanout on Tank
R. Hodges OK to cover tank & pipe work

DATE SYSTEM APPROVED 3-26-74 INSPECTOR W. H. ...

1 9055 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3, 6, 9 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

DATE RECEIVED (DWR USE ONLY)
8-13

9-21-73 DATE WELL COMPLETED
15 20

DEPTH OF WELL 145 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-0452
28 29 30 31 32 33 34 35 36 37
DRILLERS IDENTIFICATION NO. 200

OWNER: BRINKER (LAST NAME) JOHN (FIRST NAME)
STREET OR RFD: 3501 King WILKINSON POST OFFICE: OLNEY MD 20852

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	
Overburden	0	24	
Clay & Silt	24	145	
	120	145	✓

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

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

NO. OF BAGS: 8 NO. OF POUNDS: 752

GALLONS OF WATER: 48

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 48 FT. TO 54 FT. (ENTER 0 IF FROM SURFACE)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 2

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

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING: 25 (NEAREST FOOT)

WHEN PUMPING: 30 (NEAREST FOOT)

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

CASING RECORD

INSERT APPROPRIATE CODE BELOW: STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE: J+ DIAMETER: 6 TOTAL DEPTH OF MAIN CASING: 28

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): 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: 2 (NEAREST FOOT)

OTHER CASING (IF USED)

DIAMETER (INCH): 2 DEPTH (FEET) FROM: 29 TO: 30

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW: STEEL BRASS OR BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM		TO	
	1	2	3	4
1	8	9	11	15
2	23	24	26	30
3	38	39	41	45

SLOT SIZE: 2 3

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.

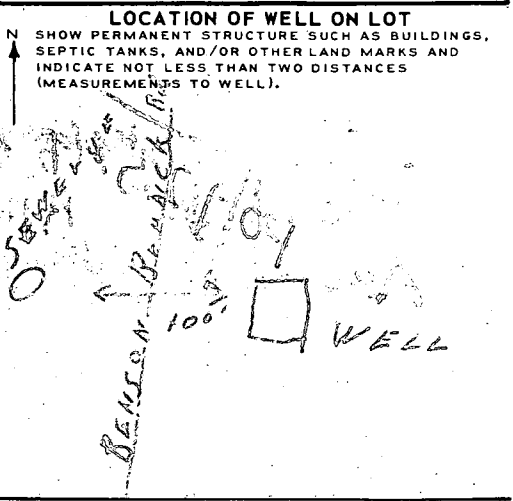
DRILLERS NAME: JOHNA GREENE
SIGNATURE: John R. Greene

DIAMETER OF SCREEN: 56 (NEAREST INCH) FROM: 60 TO: 61

GRAVEL PACK: 68

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) 68

DWR USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.): TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE: 74 75 76



SEQUENCE NO. (DWR USE ONLY) 8606
 DATE RECEIVED (DWR USE ONLY) 9/27/73 2:00 P.M.
 OWNER BAINKER JOHN
 STREET OR RFD 3501 King WILLIAM DRIVE
 POST OFFICE OLNEY Md. 20832

DATE RECEIVED (DWR USE ONLY) 9/27/73 2:00 P.M.
 OWNER BAINKER JOHN
 STREET OR RFD 3501 King WILLIAM DRIVE
 POST OFFICE OLNEY Md. 20832

B 1 CONTINUED DRILLER INFORMATION
 DATE Aug 27-73 LICENSE NUMBER 201
 JOHN A GREENE
 SIGNATURE John A. Greene

B 3 LOCATION OF WELL
 COUNTY Howard County
 SUBDIVISION Woodmark Development
 SECTION 23 LOT 45
 NEAREST TOWN ELlicott City
 MILES FROM TOWN 12

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)
 DOMESTIC, HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
 MUNICIPAL WATER SUPPLY
 PRIVATE WATER COMPANY
 TEST

B 4 DIRECTION FROM TOWN
 NEAR WHAT ROAD Md 144 (BENSON BRANCH Rd)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 100

APPROXIMATE DEPTH OF WELL 125 FEET
 APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) AIR-ROTARY
 JETTED
 DRIVEN
 AIR-PERCUSSION
 ROTARY (HYDRAULIC ROTARY)
 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 (DWR USE ONLY)
 APPROPRIATION PERMIT NUMBER 54
 ENGINEER REVIEW DISTRICT NO. 63
 FORCE 67 68
 CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
 Howard 3394
 STATE HEALTH COUNTY NAME COUNTY NO.
 DATE 083173
 APPROVED BY Palmer F. Wine Director

Well - 145 ft.
 casing - 26 ft.
 liner - 22 ft.
 cement - 7 bags

CANONVILLE RD

BENSON BRANCH Rd

WELL

BOX NUMBER E 810 N 520

NORTH COORDINATE 521000
 EAST COORDINATE 1210000
 ELEVATION AT WELL HEAD (FEET) 65 66 67 68

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

APPLICATION

A 14718

SEWAGE DISPOSAL TESTING

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

DATE 8/12/69

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mark A. Wakefield, Jr.

ADDRESS 231 Chatham Rd., Ellicott City, Md. PHONE HO 5-1345

PROPERTY LOCATION:

SUBDIVISION Woodmark, Inc. LOT NO. 45, Blk. B, Sec. 6

ROAD AND DESCRIPTION Benson Branch Road

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 179' x 295' x 80' x 295' TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Mark A. Wakefield, Jr.

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

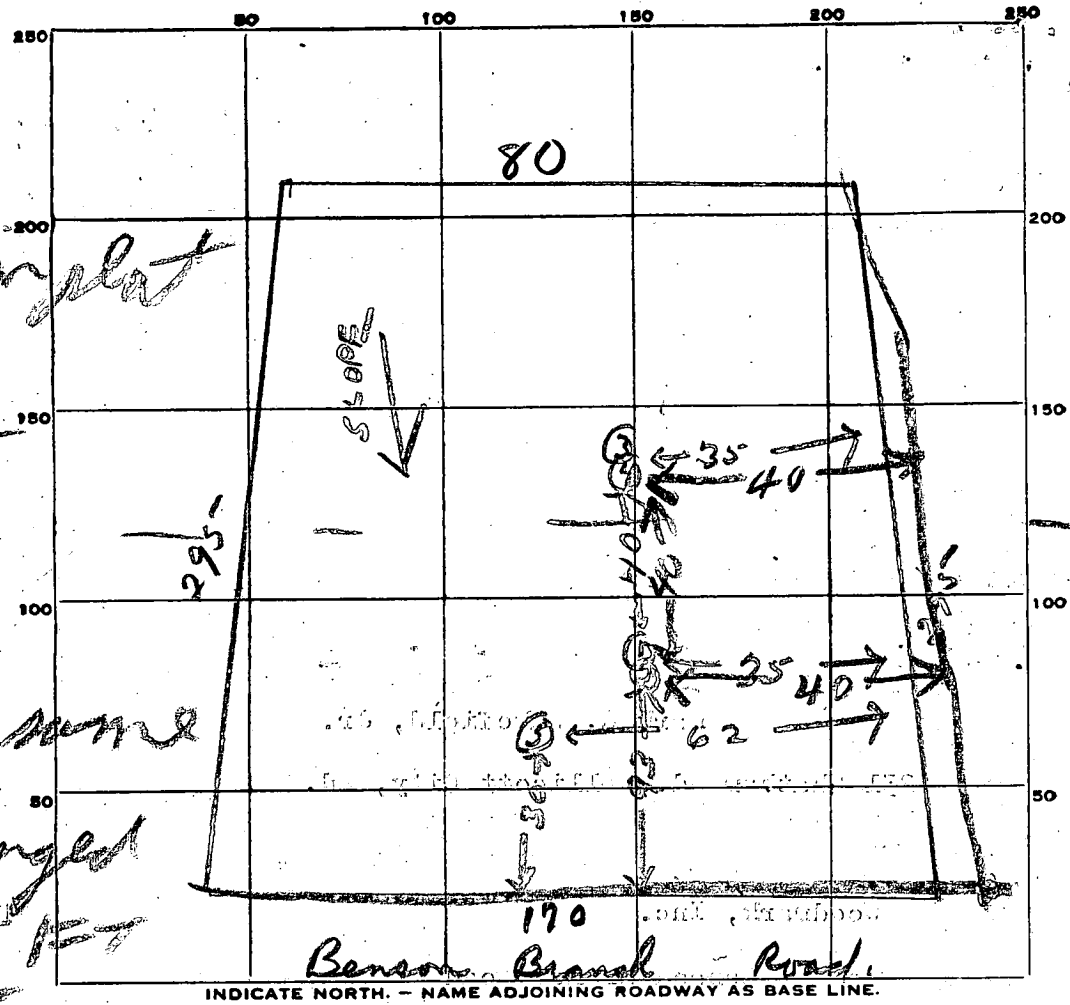
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

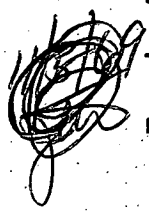
Review
 2nd prelim plat
 12/18/69
 Only slight
 change in
 sideline
 Front line same
 B.R.L changed
 from 75 FT
 to 100 FT
 Rlt



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/29/69	1	10 ft	11 48	11 56	11 56	12 17	21 min
	2	5 ft	11 50	11 52	11 52	11 55	3 min
	3	9 1/2 ft	11 54	11 56	11 56	12 00	4 min
	4	3 ft	11 54	11 58	11 58	12 05	7 min
	5	4 1/2	No Perc.				

435
 9 min
 AV

SOIL AUGER FINDING _____
 TESTED BY R. Tane
 REMARKS _____



APPLICATION

A 17529

P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 10/5/72

Retest

*10/17/72
9:30 A.M.
cancelled*

*Retest is OK see original
sheet for specifications*

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mark A. Wakefield, Jr.

ADDRESS 231 Chatham Rd., Ellicott City, Md. PHONE Ho 5-1345

PROPERTY LOCATION:

SUBDIVISION Woodmark LOT NO. 45, Blk. B, Sec. 6

ROAD AND DESCRIPTION Benson Branch Road

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 179' x 295' x 80' x 295' TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ John Brinker

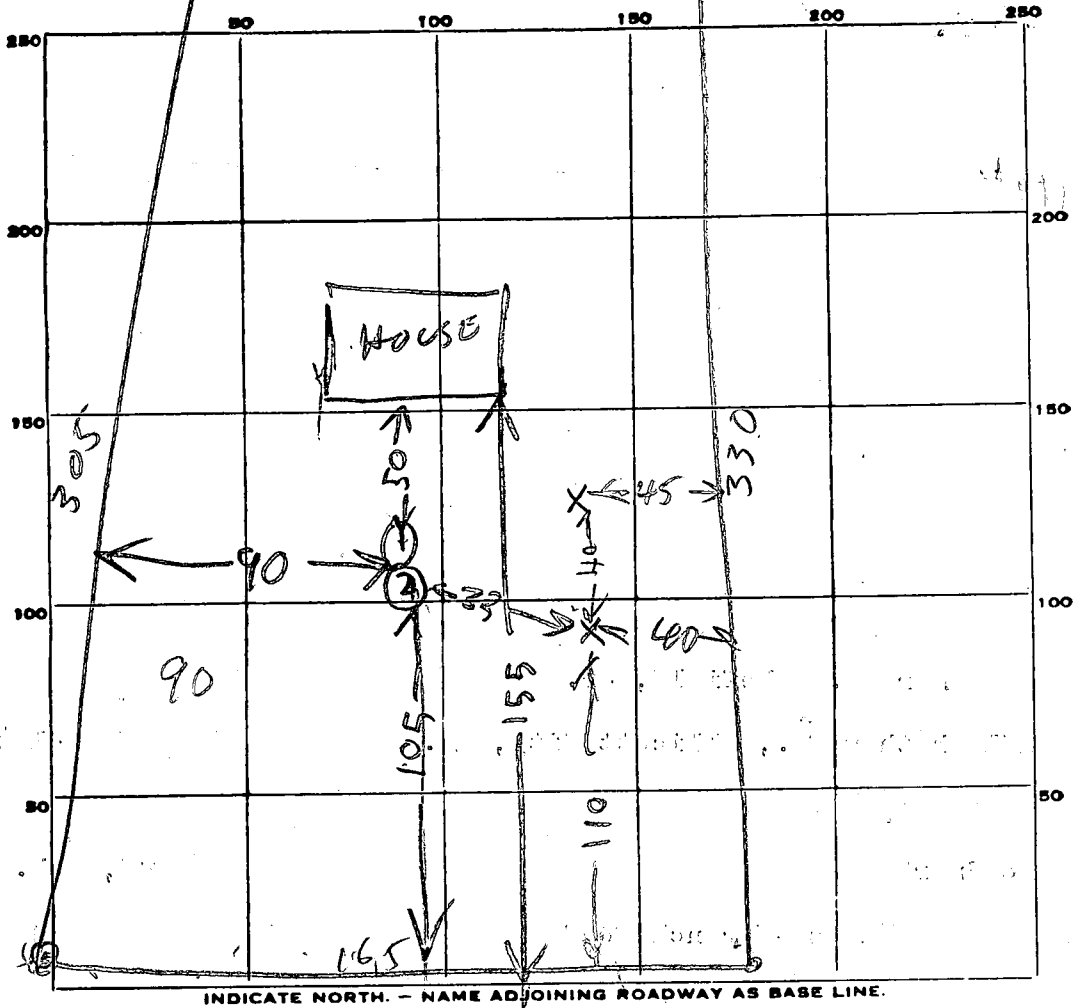
APPROVED BY Raymond Hodge FOR Dry Well DATE 9/23/73
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

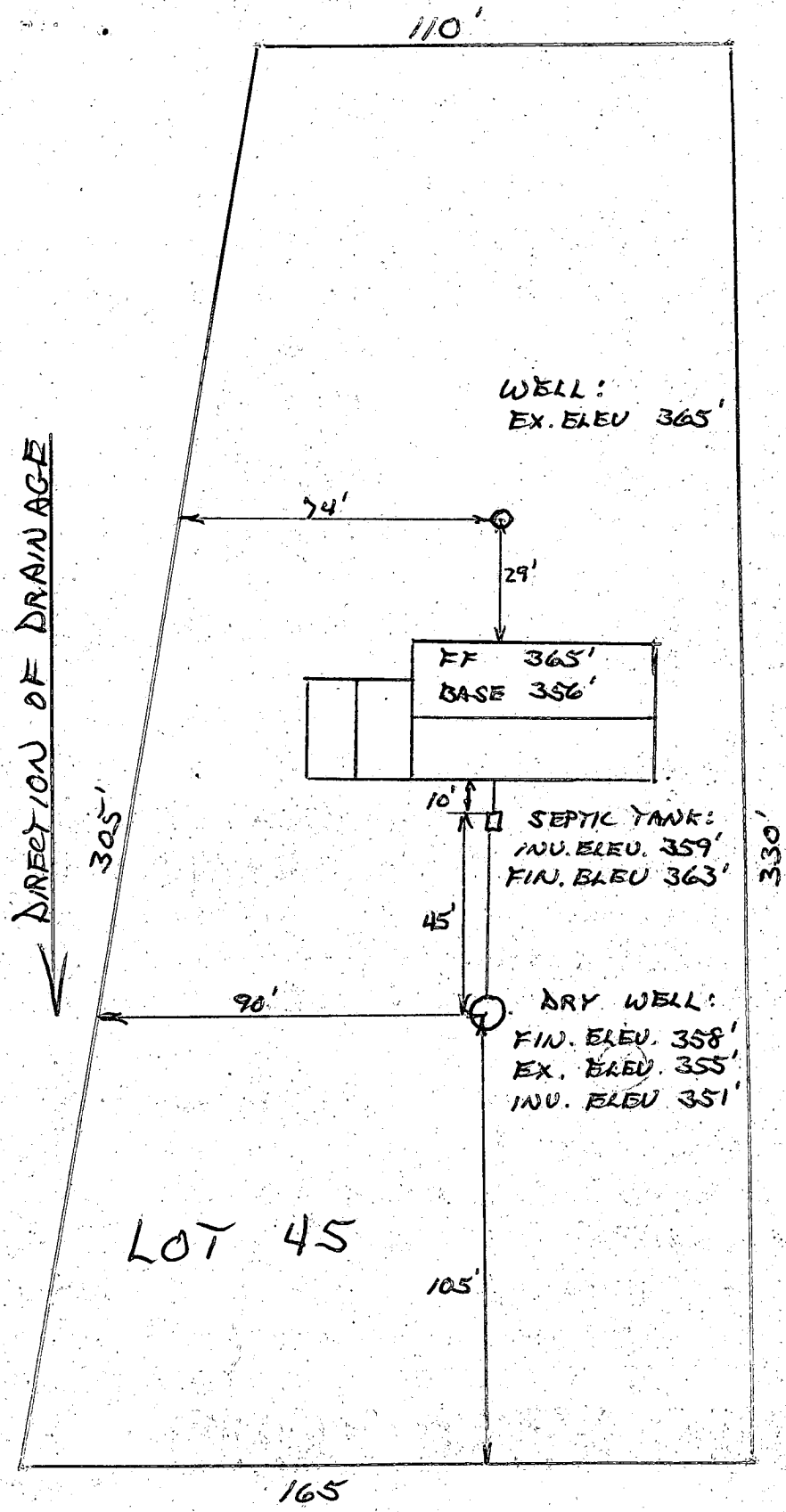


50112

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/23/73	1	12	146	151	151	200	9
11-6	2	6	146	147	147	151	4

SOIL AUGER FINDING _____
 TESTED BY B. Hodger
 REMARKS _____

I CERTIFY THE ATTACHED MEASUREMENTS AND ELEVATIONS DIFFERENCES ARE ACTUAL AND CORRECT FOR THIS PROPERTY. *John Brinker* 8/24/13



NOTE:
REPAIR AREA
35' FROM RT LP
93' FROM FRONT LP

SCALE:
1" = 40'

PLANS OK
8/23/13 R. Hodges

BENSON BRANCH ROAD

SEPTIC TANK & WELL SYSTEM

DRAWN BY:

JOHN BRINKER
3501 KING WILLIAM DR.
OLNEY, MD
20832
394-9219