

11-24-97
0 asap
P.W. - (signature)

03-312992

PERMIT

File

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 42691

A 38001

DISTRICT 3rd

DATE 11/17/92

DATE SYSTEM APPROVED 11/24/92

INSPECTOR C. Bede

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 313-2640

INDEXED

Dave Hopkins & Son IS PERMITTED TO INSTALL X ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Mathis Property, Sec. 2 LOT 13 ROAD 12430 Barnard Way

PROPERTY OWNER Barnard Brothers Construction Company, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 170 feet from the front lot line and 200 feet from the right lot line. Run trench(s) along contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. (signature)

PLANS APPROVED BY C. Williams DATE 5/12/88

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

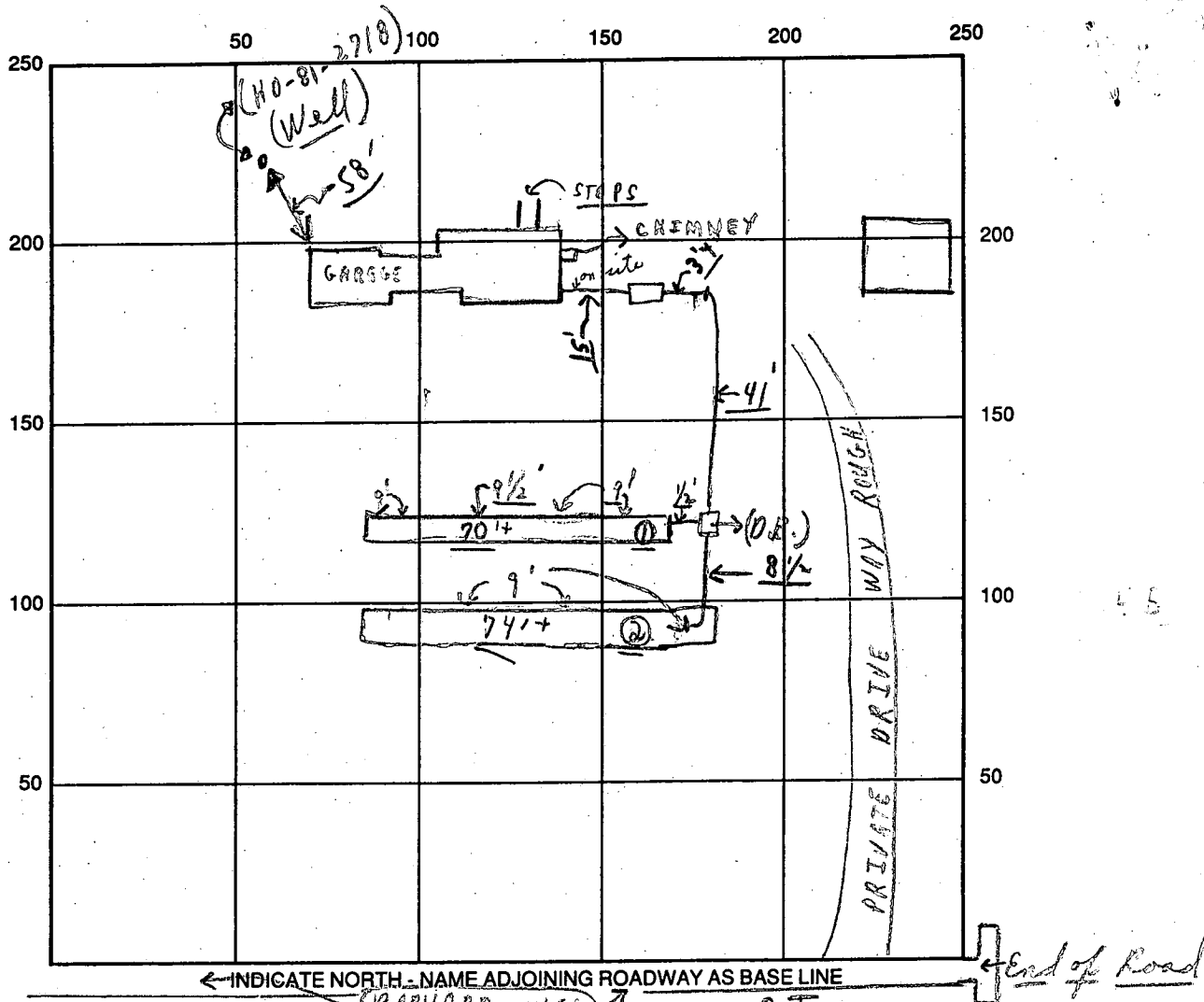
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED AND RETURNED
4/29/94
Serial # 53763-
(signature)

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

A 38001



SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (*Baffle is in*)

DRAIN FIELD/TITLE DEPTH 9⁺ FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 70⁺ FT. } = 144⁺

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720⁺ SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720⁺ SQ. FT.

REMARKS: 11/24 A.M. - Partial - ok for stone in trench, only; 1/24 (WOOD)
ok to continue; partial - No pipe from house to tanks; ok to
cover #1 trench + from Dist. Box to septic tanks, only; C.B.S.
11/24 P.M. Later - depths of stone checked - in #2 trench - ok;
Final - ok to cover as finish house connection; material
(11/24), W.C.S. - No work done - C.B.S.) on site at wall, C.B.S.

DATE SYSTEM APPROVED 11/24/92 INSPECTOR Charles Bryan

APPLICATION

PERCOLATION TESTING

A 38001

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 3rd

DATE Oct. 20, 1986

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 Willard and Quiana Mathis BARNARD Bros. Construction Co, Inc
12392 - A Frederick Rd.
ADDRESS West Friendship Md. 21794 PHONE 489-4024

PROSPECTIVE BUYER Garry M. Barnard Et Al
ADDRESS 1035 St. Michael Rd. Mt. Airy, MD. 21771 PHONE 489-1621

PROPERTY LOCATION:

SUBDIVISION Mathis Property Sec II LOT NO. 13
12430
ROAD AND DESCRIPTION At the end of Barnard way

TAX MAP #15 PARCEL # 15

SIZE OF LOT 3.00 Ac TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Garry M. Barnard
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

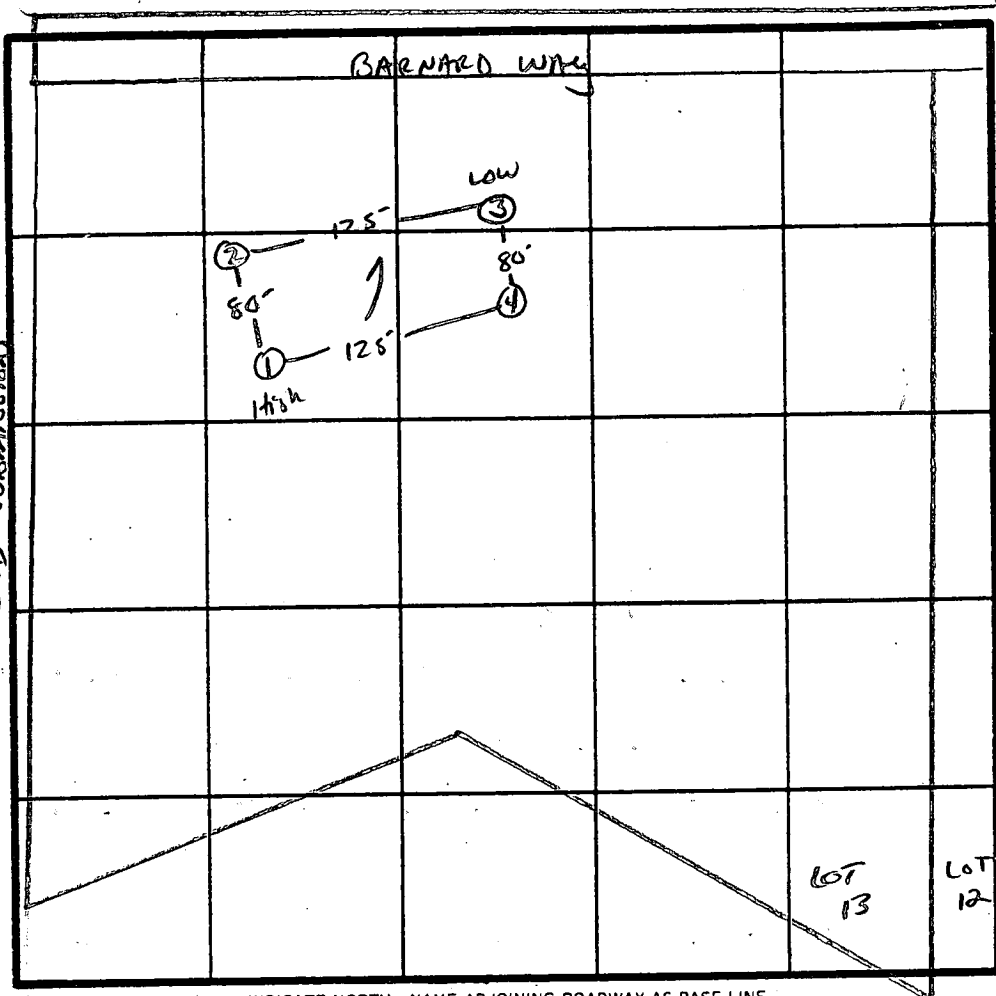
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/18/86 Due Satisfactory; Hold for subdivision plat. S. Alut

BLDG. PERMIT SIGNED
AND RETURNED 10/23/86
Serial # 45745 - SFD
G. Robinson

THIS IS NOT A PERMIT

A38001



① ② ③
SOIL PROFILE

12' 11"
AD
Yellow Red
Silt LOAM
9-12% clay
<10% FRAGS

4'
Yellow BR
Micaeous
Silt LOAM
10-15%
FRAGS.

14'
④

X Puc.
4min
180 #/BR
INLET 4"
BOTTOM 9"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RE 70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/18/86	1 S	4'	1:12	1:14	1:14	1:17	3 MIN	
	1 M	9'	1:12	1:13	1:13	1:16	3 MIN	
	1 U	14'	UNIFORM soil below		4" Cluster LOAM			
	2 S	4'	1:18	1:20	1:20	1:24	4min	
	2 V	13'	UNIFORM soil below		4" Cluster LOAM			
	3 S	4'	1:25	1:26	1:26	1:30	4 min	
	3 V	13'	UNIFORM soil below		3.5" SMALL AMT OF (UNIF. SAND) AT 4-5'			
	4 V	13'	SAME AS OTHERS w/ some QUANTTY AT 3.5-4"					

REMARKS HOLES FOR PLAT

TYPE OF SOIL CH/CL

TESTED BY S. Abel ALSO PRESENT

BARNARD
DRAINAGE
DIP
BARNARD

B 1 **7067** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

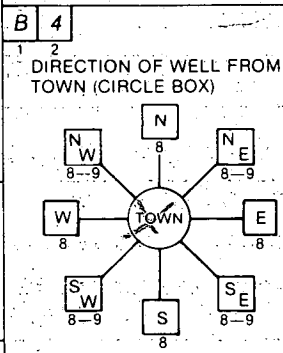
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
40-81-2718
 fill in this form completely

Date Received (APA) _____
 OWNER INFORMATION
BACWARD COLST CD
 Last Name Owner First Name
1235 ST MICHAELS RD
 Street or RFD
MT AIRY MDZIDDI
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
MATHIS PROP SUBDIVISION
 SECTION **2** LOT **13**
WEST FRIERUSHIP NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **0** MI

DRILLER INFORMATION
Wald. WAYNE License No. **223**
KALH WAYNE (WELL DRILLING) Firm Name
9170 Brown Church Rd. Mt Airy Address
Wald. Wayne 4/12/88 Signature Date



BARNARD way NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH [] WEST [] EAST [] SOUTH []
 DISTANCE FROM ROAD **275** FT or MI **FT**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **520**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME **A38001** COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED **051188** CO SIGNATURE **Craig Wilson** EXP. DATE **11/1/88**
 NORTH GRID **536000** EAST GRID **0816000**

APPROXIMATE DEPTH OF WELL **150** FEET

APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary DRive-POINT
 other _____

REPLACEMENT OR DEEPEMED 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 DEEPEAN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **CG** WRITE INITIALS IN BOX PERMIT No. **40-81-2718**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **816**
 N **530**
 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
5/20/88
No chance to inspect
47' casing
40' open
12 bags
5/24/88
proceed driller
1225'
Barnard way
Clower Hill Dr.

11/24 ✓
C.A.M. - already ✓
P.M. - " ✓
12/1/92

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

No map

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 0
Date 11/2/92

Name of Installer K.H. Plumbing

Telephone 857-0255

License Number 8300

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Barnard Construction Telephone 489-7621

Subdivision _____ Lot # 11 Well Tag # No - 81 - 2918

Site Address 12430 Barnard Way

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make _____
- 3. Model # _____
- 4. Capacity _____ GPM
- 5. Pump exceeds well capacity Yes _____ No
- 6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

- 1. Horsepower _____
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220 _____

Pitless Adapter

- 1. Make _____
- 2. Model # _____
- 3. Depth _____

Tank

- 1. Capacity _____
- 2. Pressure relief valve?

Piping

- 1. Type 160 psi
- 2. Size 1"
- 3. NSF and/or BOCA Code approved _____
- 4. Depth of supply line _____

Well data

- 1. Depth 165 ft.
- 2. Yield 15 GPM
- 3. Static water level _____ ft.
- 4. Will water supply be disinfected by installer? _____

P.A. OK 3 1/2' - 4' B.G.
MR 12/1/92

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Keith Hudak

Date: 10-29-92

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

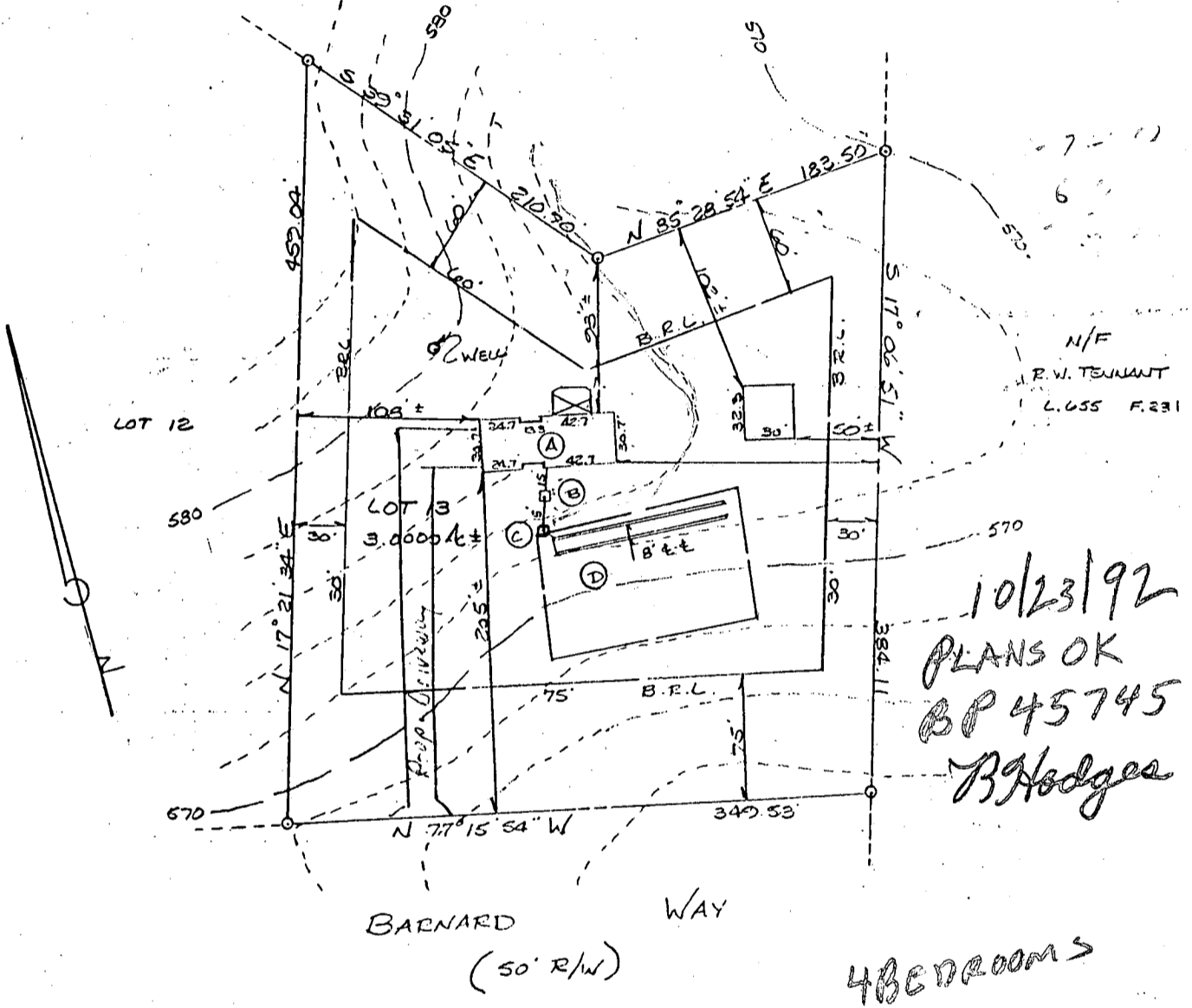
Notes: 11/24/92 - no inspection, C.C.

(A) PROP. 4 BED HOUSE
 FF. ELEV. = 580.7
 BSMT. = 572.2
 INV. ELEV. = 570.4

(B) PROP. SEPTIC TANK
 EX ELEV. = 573.7
 INV. IN = 570.2
 INV. OUT = 569.3

(C) PROP. DIST. BOX
 EX ELEV. = 573.4
 INV. ELEV. = 569.7

(D) PROP. TRENCHES
 INV. ELEV. = 569.4
 5' STONE, 9' BOT. MAX.
 LENGTH TO BE DETERMINED
 AT TIME OF SEPTIC
 PERMIT ISSUANCE.



PLAT PLAN
 Lot 13, SECTION II
 MATHIS PROPERTY
 SITUATED ON BARNARD WAY
 ELECTION DISTRICT N= 3
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' OCT. 1992



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

LIBERTY SURVEY, INC.
 4140 RIDGE ROAD
 TAYLORSVILLE, MARYLAND
 410-875-0722 21157

REFERENCE	JOB NO.
PLAT # 7867	21-16