

MAY 15, 1986  
9:30

# APPLICATION

PERCOLATION TESTING

A 36831

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/17/84

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 Edgar R. And Ramona M. Brady  
ADDRESS 1 Thistle Rd. - BALH 21228 PHONE Home 747. 6487 Evening  
OFF. 947-1611 - Any Day.

PROSPECTIVE BUYER ACCESS - DRIVE AT HORSE FARM ~~ON~~ ON ILLCHESTER RD  
ADDRESS 1 LOT SOUTH OF WHARF LANE PHONE BE SURE  
IN DRIVEWAY PAST BARN & THRU 2 GATES } TO CLOSE GATES

PROPERTY LOCATION: 4972 ILLchester Rd. 1st Election District

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Ground to approx 1/3 of mile in from Rd.

TAX MAP 31 PARCEL # 147

SIZE OF LOT 20 Acres TYPE BLDG. \_\_\_\_\_  
(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. Edgar R. Brady  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 5-15-84 Perc Satisfactory; Held For certified hole location + suitable house + well site. S. How

# THIS IS NOT A PERMIT



# APPLICATION

PERCOLATION TESTING

A 36831

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BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
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DATE 4/17/86

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 EDGAR & Ramona M. BRADY

ADDRESS 1 Thistle RD PHONE (H) 747-6487  
(W) 947-1611

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: 4972 ILLchester RD. 1<sup>ST</sup> Election District

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Ground is Approx. 1/3 of mile SW from rd.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 20 ACRES TYPE BLDG. \_\_\_\_\_  
(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.

Edgar R Brady  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

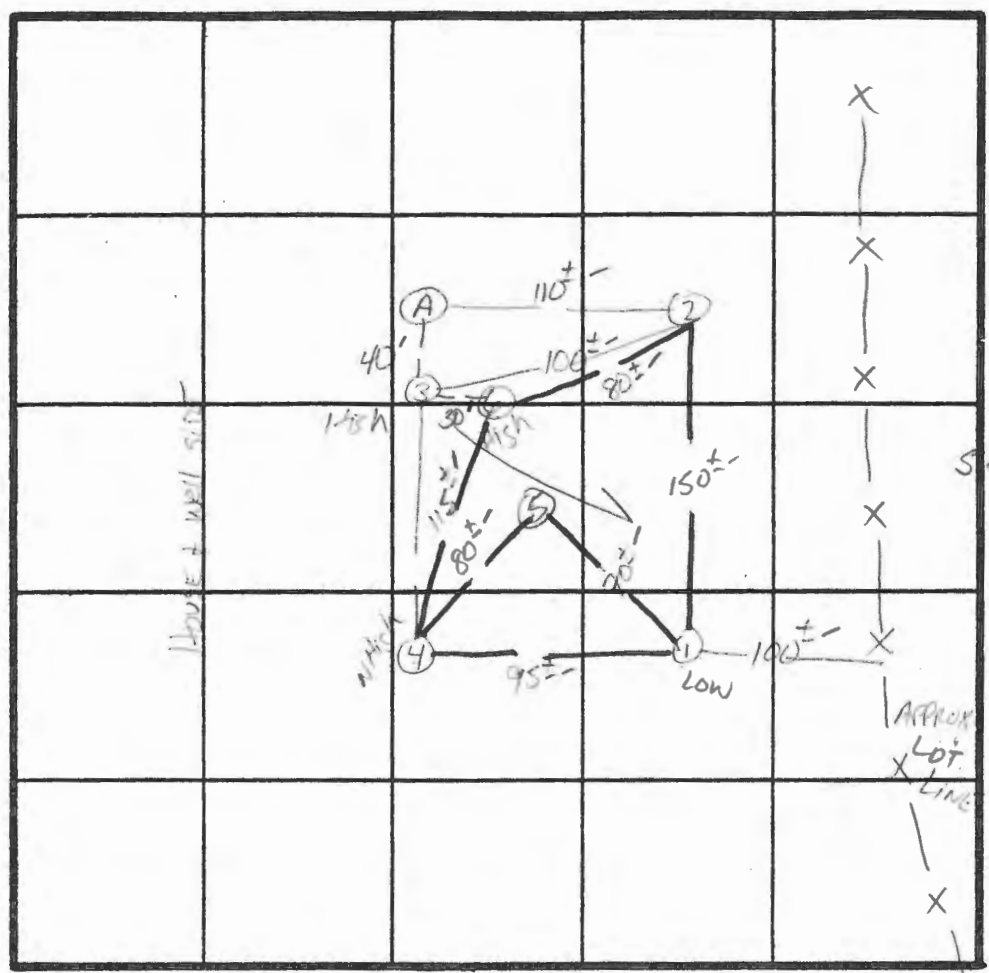
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

① ②  
SOIL PROFILE

0" AP ROCKY  
9" BR RED Silty LOAM < 9% CLAY 10-20% FRAGMENTS  
2" Yellow BR SAND CLAY LOAM < 10% FRAGMENTS  
4.5" Yellow BR (Grey) where mix SAND CLAY SAND LOAM 10-20% FRAGMENTS  
13'

④  
12" AP ROCKY  
4" BR TO RED BR SANDY LOAM CLAY < 9% 20-30% MED. STONES  
5.5' STON BR STONY SAND LOAM Yellow Grey SAND TO BR BOTTOM  
12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
TO ↓ ICHESSTER Rd.

⑥  
9" AP  
BR RED Silty LOAM < 9% CLAY Highly Stony  
2.5" Yellow BR Silty LOAM 9% CLAY < 10% FRAGMENTS  
5" Yellow BR w Grey Brown SAND LOAM mix CLAY < 9% FRAGMENTS < 20%  
12'

X Perc Tin  
13min  
INLET 4'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/15/86	OK 1 S	5'	9:59	10:02	10:02	10:09	7min	
	OK 1 M	9'	9:58	10:00	10:00	10:05	5min	
	OK 1 V	13'	VARYING SOIL STRUCTURE SEE PROFILE					
	OK 2 S	5'	10:02	10:13	10:13	10:31	18min	
	OK 2 M	9'	10:02	10:05	10:05	10:09	4min	
	OK 2 V	12.5'	SAME AS #1					
	3 S	4.5'	10:11	10:17	10:17	10:27	10min	
	3 M	8.5'	10:12	10:43	< 1" MOVEMENT			
	3 V	STRONG CLAY FROM 5' TO 8.5' OR ABOVE 6' VOID + MOVE HOLE						
	OK 4 S	4.5'	10:20	10:23	10:23	10:31	8min	
	OK 4 M	8.5'	10:32	10:45	10:45	11:13	28min	
	OK 4 V	12'	UNIFORM SOIL BELOW 5.5' SEE PROFILE					
	OK 5 V	12'	SIMILAR TO HOLE #1					
	A	STRONG CLAY TO 6' AVOID						

BOTTOM  
9'  
190  
Φ/BR

EH-12-1079

REMARKS \_\_\_\_\_  
TYPE OF SOIL CLAYEY / SANDY SOIL  
TESTED BY S. Abel ALSO PRESENT ED BRADY WARRON LOWE

PROPOSED LAYOUT

FOR

PROPERTY OF

**DANIEL K. BROYLES**

FIRST ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

MAY 1, 1975

SCALE 1" = 200'

BONNIE BRANCH ROAD

100.62'

20.22'

20.13'

138.51'

10' RIGHT OF WAYS FOR INGRESS & EGRESS  
1089.70'

MAP 31  
P147

20 ACRES  
181'

Pines at P200  
Face of tower

PROPOSED PARCEL C'  
275 AC.

BRITTON

DANIEL K.  
BROYLES

TOWER

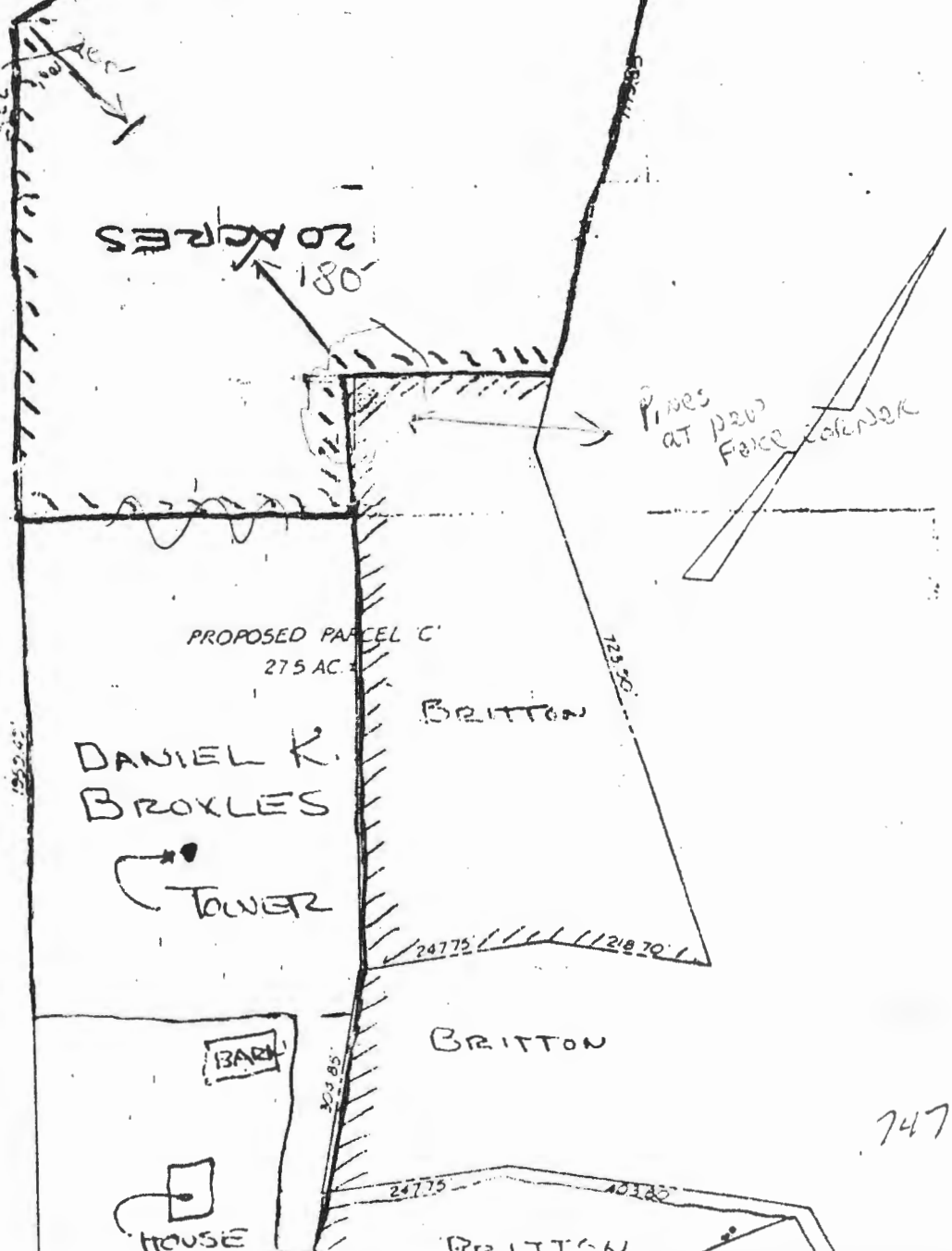
BRITTON

BARN

HOUSE

BRITTON

747-9175





LIBERTY INVESTMENT CO.  
726/421  
298,800  
P-483

ED I

LEW A. GAIN, STANLEY  
622/498  
17,734  
R172

LIBERTY INVESTMENT CO.  
726/421  
298,800  
P-483

JOHN H. NICOLAI  
108/428  
86,800  
P-288

WALTER H. DEMARE  
100/428  
41,750  
P-288

CARROLL F. BOYLE  
23/88  
25,250  
P-288

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298,800  
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May 22, 1986

Mr. Edgar R. Brady  
1 Thistle Road  
Baltimore, Maryland 21228

RE: 4972 Ilchester Road  
Tax Map 31 Parcel 147

Dear Mr. Brady:

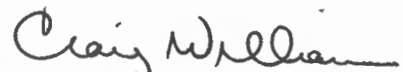
Percolation testing conducted May 15, 1986 on the above referenced lot indicated satisfactory soil conditions.

Approval of the lot is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,



Craig Williams, Director  
Water and Sewerage Program

CW/SA:JR

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BURT M.D., M.P.H.  
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH  
P. O. Box 476  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

MEMORANDUM

Date: 5-15-86

Name: EDGAR R. BRADY

Address: 1 THISTLE Rd.

Baltimore, Md. 21228

RE: 4972 Ilchester Rd

TAX MAP 31 Parcel 147

Dear: MR. BRADY

Percolation testing conducted 5-15-86 on the above referenced lot indicated satisfactory soil conditions.

Approval of the lot is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

This should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

CW

Craig Williams, Acting Director  
Water and Sewerage Program

CW:JR

**B 1** 3407 SEQUENCE NO. (OEP 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

OEP PERMIT NUMBER 40-81-1645  
 fill in this form completely

**Date Received** 7-1-87

**OWNER INFORMATION**

BRADY SHAW Last Name Owner First Name

2500 MARKBOURNE AVE Street or RFD

Baltimore Town MD State 2120 Zip

**B 3** LOCATION OF WELL

18 COUNTY 21

map 31 P. 147 SUBDIVISION

SECTION 44 46 LOT 48 50

FULLERTON CITY NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 2 MI

**DRILLER INFORMATION**

Stanley W. Bellinger, Jr. Driller's Name 3057 License No. 80

Stan's Well Drilling, Inc. Firm Name

P.O. Box 2035 Westminster MD 21157 Address

7-29-86 Signature Date

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ILCHESTER RD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH  WEST  SOUTH  EAST

DISTANCE FROM ROAD 34 37 ENTER FT or MI 1 7

**B 2** WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

**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 A36831 COUNTY NO.

OEP SIGNATURE \_\_\_\_\_ STATE HEALTH DEPARTMENT INSERT S

DATE ISSUED 082287 CO SIGNATURE \_\_\_\_\_ EXP. DATE 02/2/87

NORTH GRID 510000 EAST GRID 0807000

APPROXIMATE DEPTH OF WELL 165 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  JETTED  Jetted & DRIVEN

AIR-ROTARY  AIR-PERCUSSION  ROTARY (Hydraulic Rotary)

CABLE  REVERSE-ROTARY  DRIVE-POINT

other \_\_\_\_\_

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

860 25  
510 0

2/19/87  
 WELL OK  
 SEE OTHER SIDS.  
 RH

**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

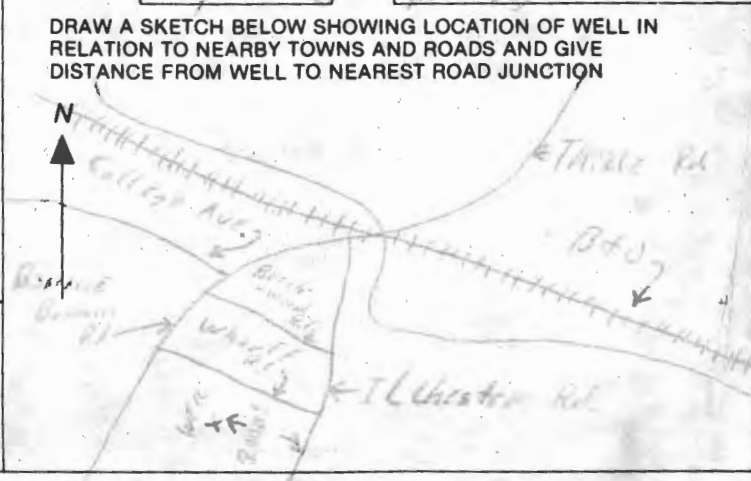
THIS WELL WILL DEEPEM AN EXISTING WELL

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 1 4 WRITE INITIALS IN BOX PERMIT No. 40-81-1645



- ① 57 FT casing 1 FT out of ground
- ② 14 FT open hole measured with weighted string
- ③ Pipe jettied down 32 ft
- ④ Well open

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
JUN 20 12 12 PM '88  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

also present Stan Bollinger

SUBDIVISION: BRADY PROPERTY

LOT NUMBER:

JLLCHESTER DRY WELL OR DRY WELL AND TRENCH  
Rch

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

900 sq. ft./bedroom

Trench to be 2 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.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 245 FT FROM THE NORTH 1174.41'

LOT LINE AND 425 FT FROM THE N 1089.70 FT LOT LINE.

RUN TRENCHES ON CONTOUR TOWARD THE N-1089.70' LOT LINE

3-3-87. S. ADL



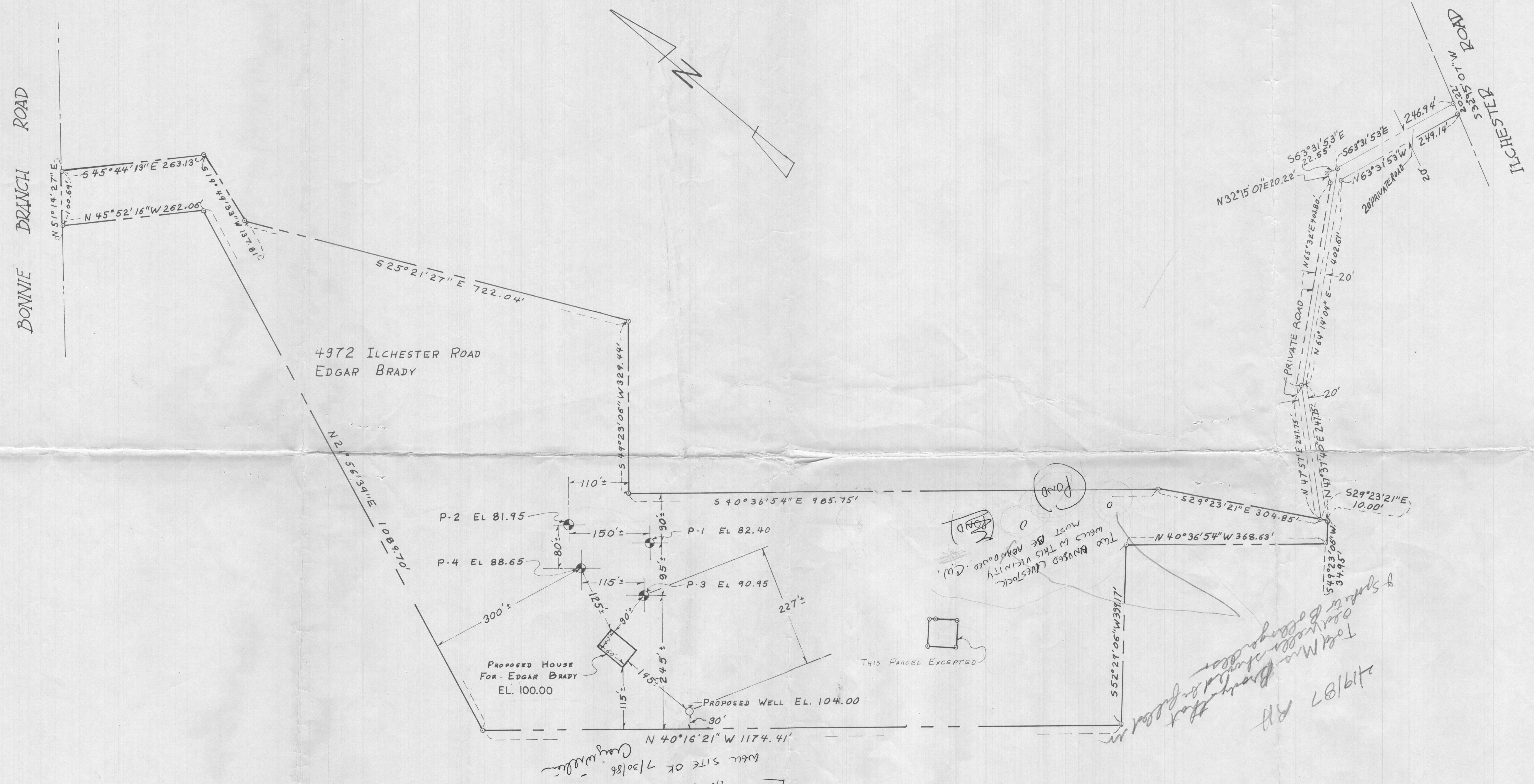


Engineering Construction Corp.  
 Engineers - Surveyors  
 1703 East Joppa Road  
 Baltimore, Maryland, 21234  
 ph: 301-574-2227

PERCOLATION TEST LOCATIONS  
 FOR PROPOSED HOUSE OF  
 EDGAR BRADY  
 PROJECT: 4972 ILOCHESTER ROAD  
 DATE: 4/25/86 SCALE: 1"=100' DWG. BY: B. BROYLES

FILE NUMBER	REVISIONS

DRAWING SHEET  
 1



COUNTY HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT; private sewer/PRIVATE water

STEVEN K. BROYLES P.E. # 14429 CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY. *Steven K. Broyles*