

# APPLICATION

A 31906

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

DISTRICT 6TH

DATE April 28, 1982

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 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

ADDRESS 10275 LITTLE PATUXENT PARKWAY COLUMBIA MARYLAND 21044 PHONE 992-6084

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF H.R.D. LOT NO. 1

ROAD AND DESCRIPTION 2200'± Southwest From Intersection Of Maryland Route 175 And Old Montgomery Road

SIZE OF LOT 36,800<sup>sq</sup> TYPE BLDG. SINGLE FAMILY  
(NUMBER OF BEDROOMS)

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.

Charles J. Conner, Jr.

(SIGNATURE OF APPLICANT)

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

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

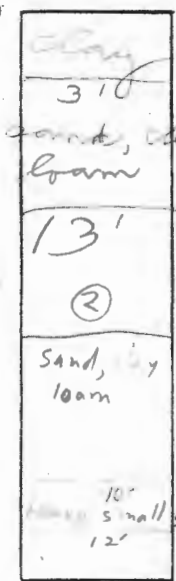
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

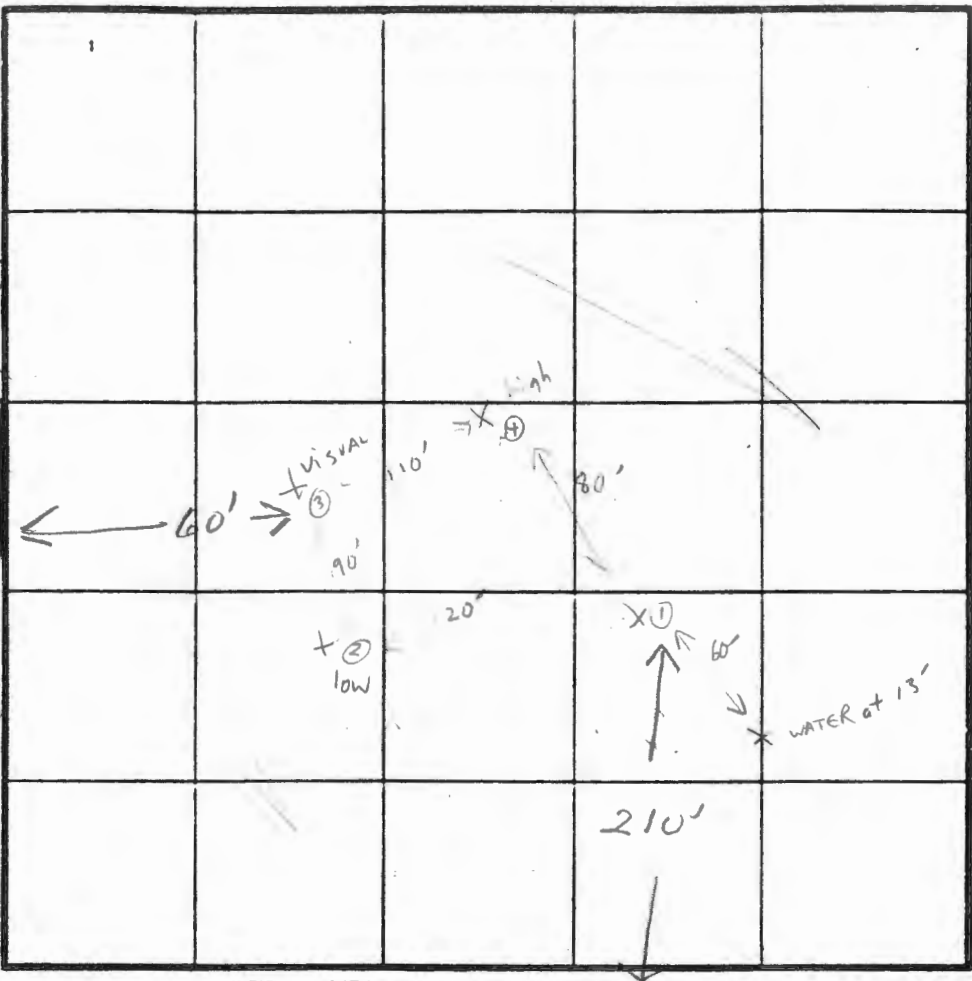
# THIS IS NOT A PERMIT

LOT 1

① SOIL PROFILE



Old Abington Rd



③ LOCAL CLAY  
6'  
SAND, CLAY LOAM & SMALL SANDSTONE  
13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
UNNAMED RD.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-10-82	1-S	4	9:48	10:28	2nd inch	failed	
5-10-82	1-M	8	9:48	9:53	9:53	9:58	5
5-10	2-S	4	10:02	10:04	10:04	10:08	4
5-10	2-M	8	10:02	10:12	10:12	10:30	18
5-10	3-S	7					
5-10	3-M	11					
5-10	4-S	3'	11:03	11:16	11:16	11:40	24
5-10	4-M	7'	11:03	11:07	11:07	11:17	10
5-10	1-SA	6	10:52	10:53	10:53	10:54	1
	"						

④ Sand, clay loam and stone  
10'  
12'  
13'

REMARKS Hold for certified holes - lot lines will be changed

TYPE OF SOIL \_\_\_\_\_

TESTED BY J. Odri Wartman ALSO PRESENT Fryck

EN 12 1000

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 31906

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DISTRICT GTH

DATE April 28, 1982

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 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

ADDRESS 10275 LITTLE PATUXENT PARKWAY COLUMBIA MARYLAND 21044 PHONE 992-6084

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF H.R.D. LOT NO. 1

ROAD AND DESCRIPTION 2200<sup>th</sup> Southwest From Intersection Of Md. Rte. 175 And Old Montgomery Road

SIZE OF LOT 36,800<sup>sq</sup> TYPE BLDG. SINGLE FAMILY  
(NUMBER OF BEDROOMS)

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.

Charles J. Conner Jr.

(SIGNATURE OF APPLICANT)

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

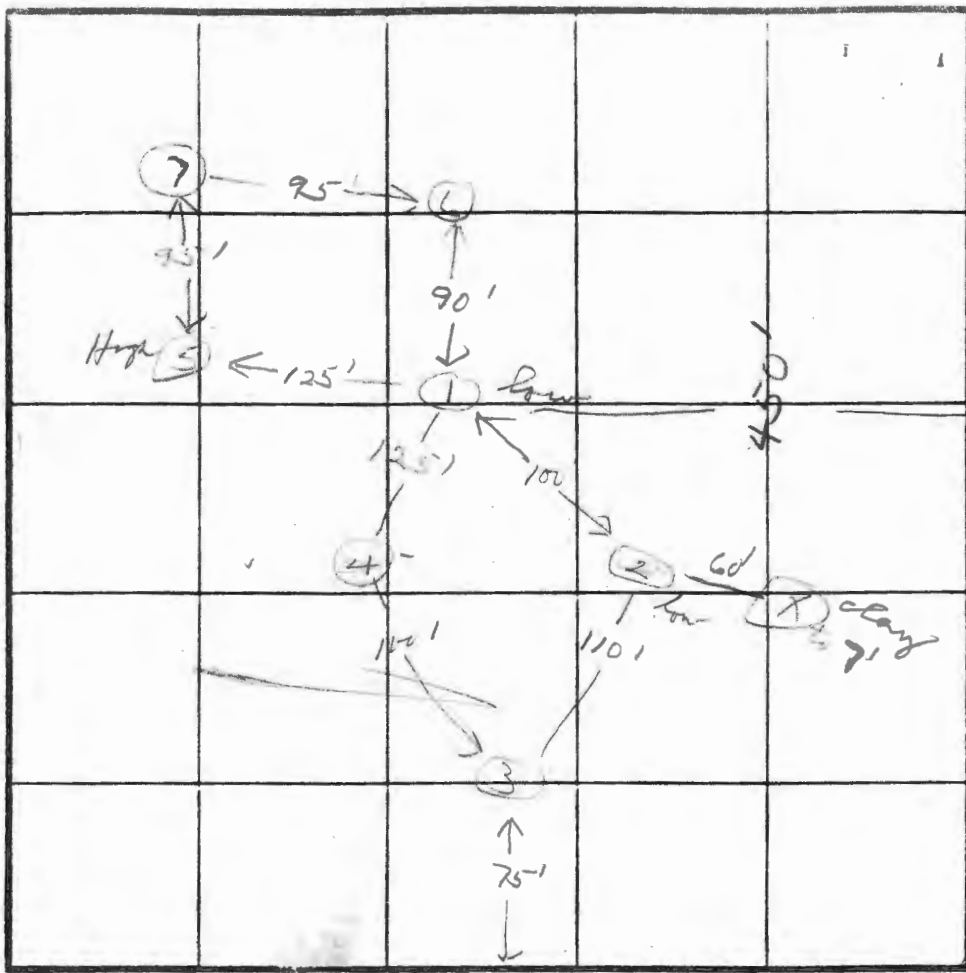
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

# THIS IS NOT A PERMIT

LOT 2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
Old Montgomery Rd

SOIL PROFILE

① 7  
Sand, clay loam  
13'

② ③  
clay  
4'

sand, clay  
sand stone 10'  
13'

⑤  
Sand, clay loam

13'

⑥  
clay  
21'

sand, clay loam  
12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/10/82	1S	3	11:44	11:47	11:47	11:50	3
	1M	7	11:44	11:48	11:48	11:50	2
	2S	4	12:03	12:14	12:14	12:40	26
	2M	8	1:36	1:58	1:58	failed	
	3S	3	12:19	12:23	12:23	12:30	7
	3M	8	1:45	1:48	1:48	1:51	3
	4	13	heavy clay 8'				
	5S	3	2:36	2:38	2:35	2:43	8
	5M	7	2:34	2:38	2:38	2:46	8
	6S	4	2:51	2:56	2:56	3:06	10
	6M	8	2:50	2:54	2:54	3:00	6
	7V	13					

REMARKS Unable to get any property measurements

TYPE OF SOIL \_\_\_\_\_

TESTED BY JS ALSO PRESENT Fryck

EHL 1.1.09

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 31907

P \_\_\_\_\_

DISTRICT 6<sup>TH</sup>

DATE April 28, 1982

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 THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

ADDRESS 10375 LITTLE PATENT PARKWAY PHONE 992-6084

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF H.R.D. LOT NO. 2

ROAD AND DESCRIPTION 2200'± Southwest From Intersection Of Maryland Route 175 And Old Montgomery Road

SIZE OF LOT 34,500<sup>sq</sup> TYPE BLDG SINGLE FAMILY  
(NUMBER OF BEDROOMS)

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.

Charles J. Conner Jr.

(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

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31907

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 6TH

DATE April 28, 1982

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION

ADDRESS 10275 LITTLE PATENT PARKWAY COLUMBIA MARYLAND 21044 PHONE 992-6084

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF H.R.P. LOT NO. 2

ROAD AND DESCRIPTION 2200'± SOUTHWEST FROM INTERSECTION OF Md. RTE 175 AND OLD MONTGOMERY ROAD

SIZE OF LOT 34,500' TYPE BLDG. SINGLE FAMILY  
(NUMBER OF BEDROOMS)

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.

Charles J. Anselmi  
(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

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH 12 10 9

Subdivision: HOWARD RESEARCH & DEVELOPMENT Lot # 2 A31907  
12200' SOUTHWEST OF INTERSECTION OF RT 175 & OLD MONTG. RD.

Dry Well or Dry Well + Trench

130 sqft/bdrm

	<u>Septic Tank</u>	<u>Minimum Total sq ft</u>
3 Bdrm	1000 gal	<u>390</u>
4 Bdrm	1250 gal	<u>520</u>
5 Bdrm	1500 gal	<u>650</u>

Inlet 3 ft below original grade.

Maximum depth 9 ft below original grade.

Effective area begins at 3 ft below orig. grade.

Note: If Trench is used to make up absorbent area, run the TRENCH ON LEVEL GROUND and leave a 5' earth buffer between drywell and trench. No trench is to exceed 100' in length. Trench inlet to be same as Dry Well, with 5 1/2 ft of stone below distribution pipe.

Location:

DRYWELL AND TRENCH IF NEEDED. PLACE DRYWELL AT PERC HOLE # 5 (WHICH IS  $\approx$  315' NORTH OF EDGE OF OLD MONTGOMERY RD. AND 500' WEST OF EXISTING GRAVEL ROAD). IF TRENCH IS NEEDED, PLACE AT LEAST 5' FROM DRYWELL AND RUN ON LEVEL GROUND IN GENERAL DIRECTION OF EAST PROPERTY LINE.

8-6-82 CW



Subdivision HOWARD RESEARCH + DEVELOPMENT Lot # 1 A31906  
2200' SOUTHWEST OF INTERSECTION OF RT 175 AND OLD MONTGOMERY RD.

Dry Well or Dry Well + Trench

184 sqft/bedm

	<u>Septic Tank</u>	<u>Minimum Total sq ft</u>
3 Bdrm	1000 gal	552
4 Bdrm	1250 gal	736
5 Bdrm	1500 gal	920

Inlet 3 ft below original grade

Maximum depth 9 1/2 ft below original grade

Effective area begins at 3 ft below orig. grade

Note: If Trench is used to make up absorbent area, run the trench on level ground and leave a 5' earth buffer between drywell and trench. No trench is to exceed 100' in length. Trench inlet to be same as Drywell, with 6 ft of stone below distribution pipe.

Location: PLACE DRYWELL AT PERC HOLE # 4 (WHICH IS  $\approx$  185' NORTH OF OLD MONTGOMERY RD AND  $\approx$  315' EAST OF EXISTING GRAVEL RD.)

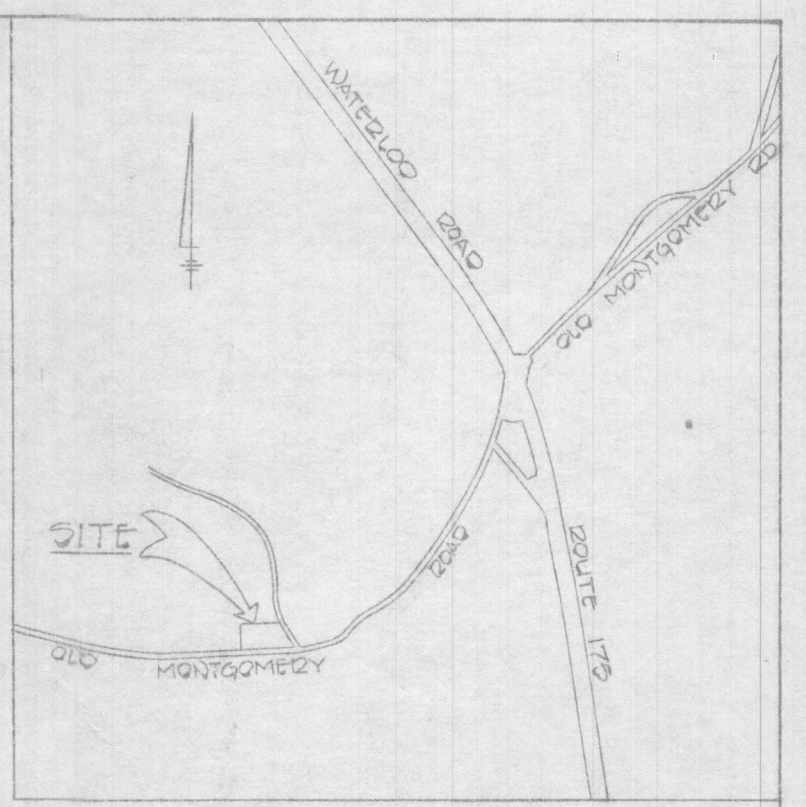
ADD TRENCH ALONG LEVEL GROUND STARTING AT LEAST 5' FROM DRYWELL AND RUNNING IN GENERAL DIRECTION OF SOUTH PROPERTY LINE (TOWARD OLD MONTGOMERY RD.)

8-6-82 CW

~~Parcel~~ Parcel  
may be in  
area southwest  
of ~~current~~ parcel  
currently  
occupied by  
Holo Utilities Shop

NOTES:

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
3. DENOTES FIELD LOCATION OF PERC TEST HOLE.
4. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.



VICINITY MAP  
SCALE: 1" = 1200'

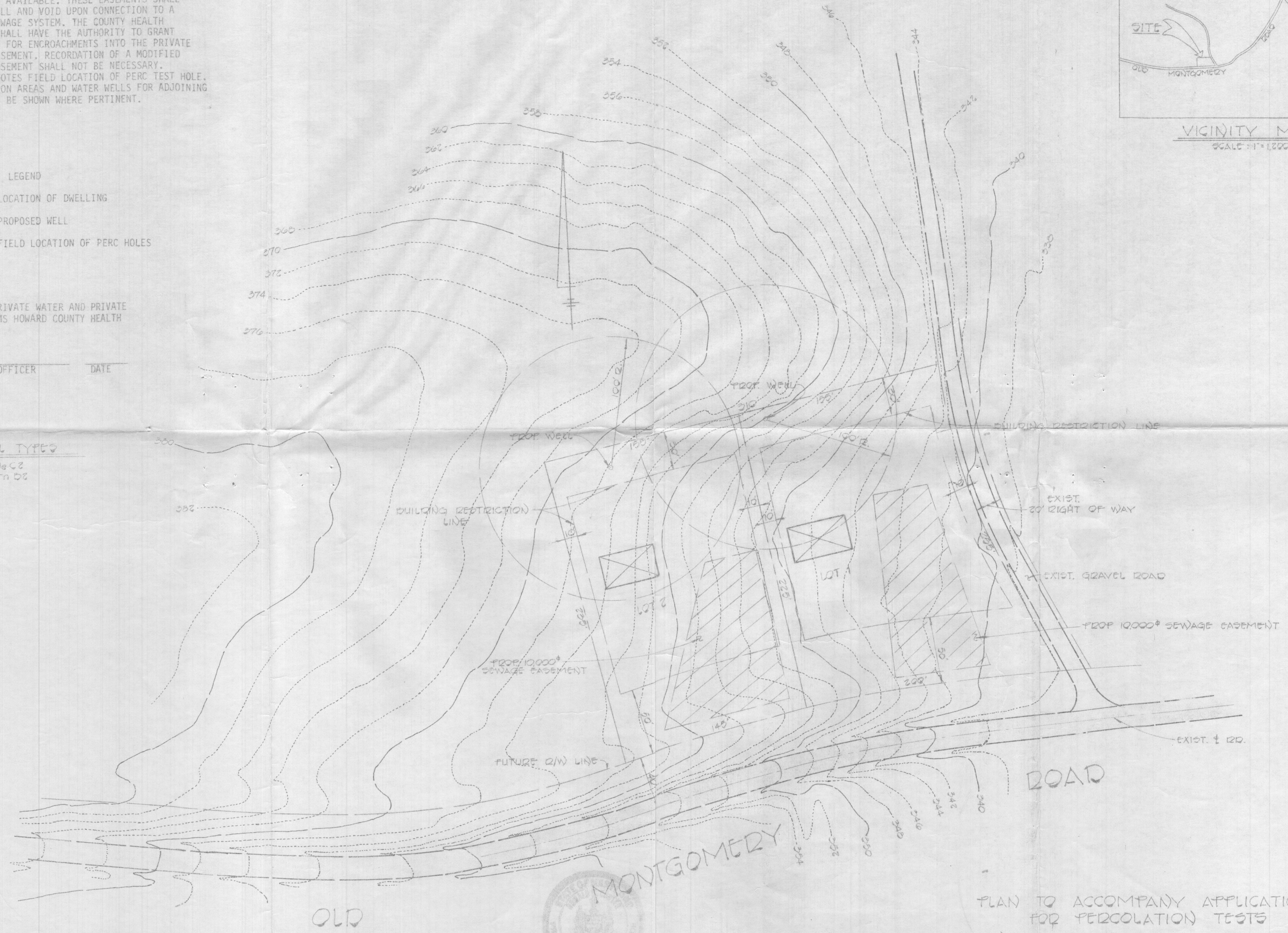
LEGEND

- ☒ DENOTES LOCATION OF DWELLING
- ⊙ DENOTES PROPOSED WELL
- ⊙ DENOTES FIELD LOCATION OF PERC HOLES

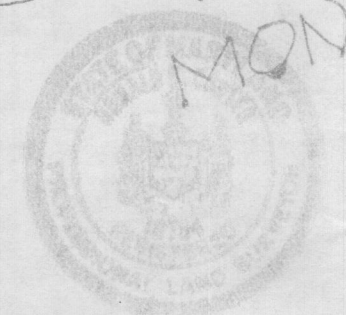
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

SOIL TYPES  
Ne C2  
tn D2



FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: (301) 461-2855



RONALD S. CARTER DATE \_\_\_\_\_

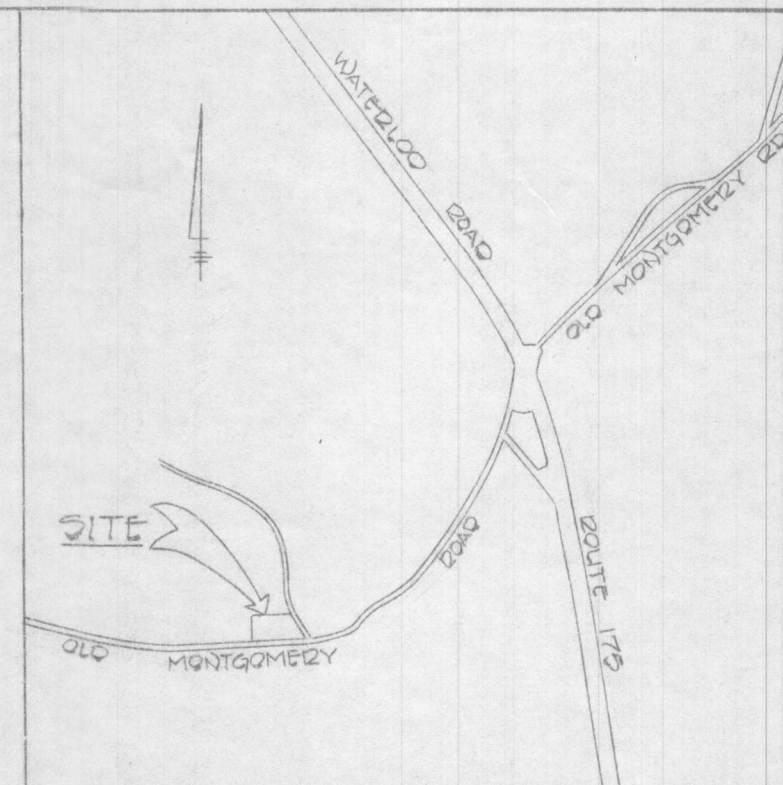
PLAN TO ACCOMPANY APPLICATION  
FOR PERCOLATION TESTS  
HOWARD RESEARCH & DEV. CORP.

TAX MAP #37  
6TH ELECTION DISTRICT  
SCALE: 1" = 50'

PARCEL 229  
HOWARD COUNTY, MARYLAND  
APRIL 1983

NOTES:

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
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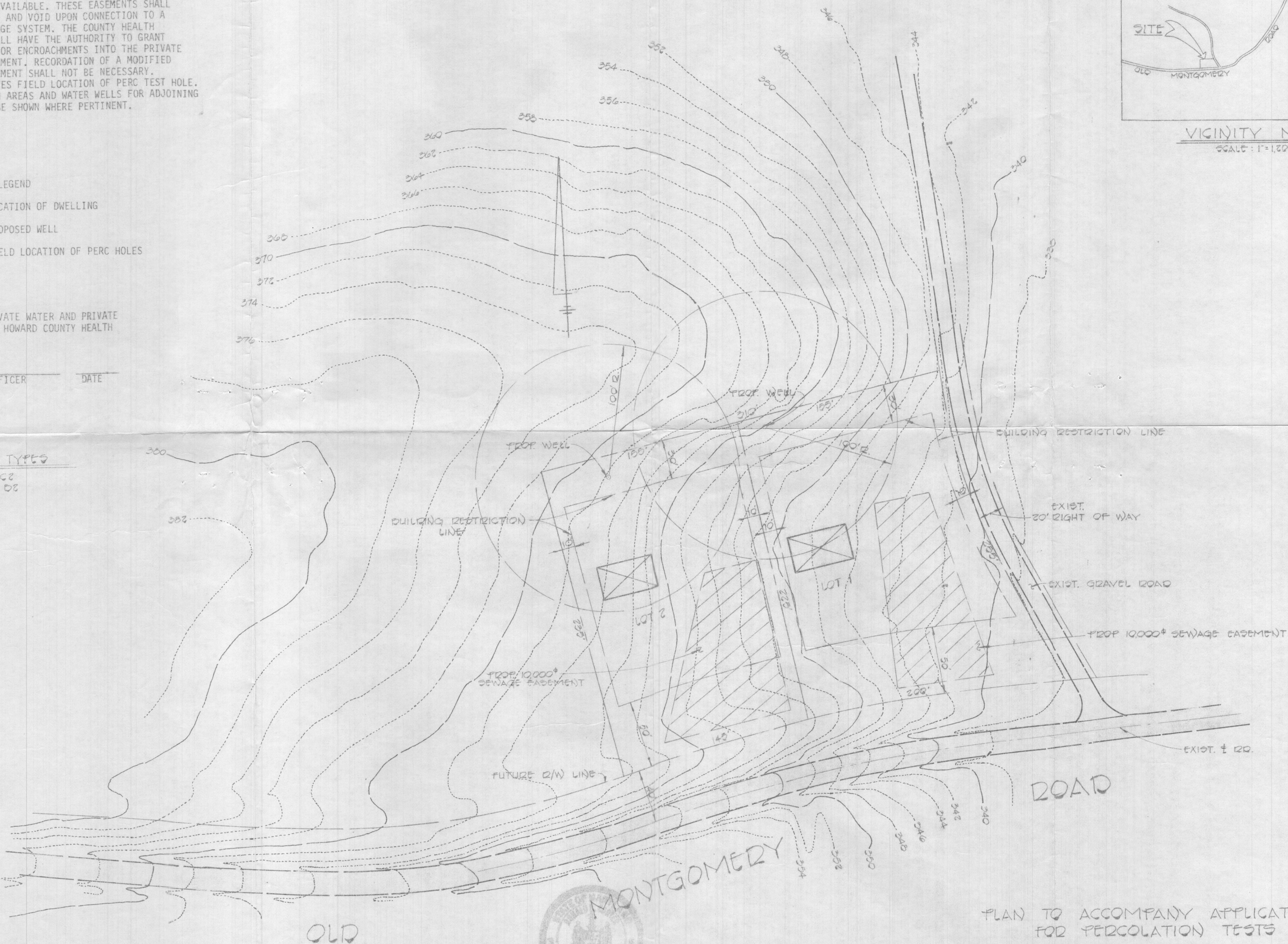


- LEGEND
- ⊠ DENOTES LOCATION OF DWELLING
  - ⊙ DENOTES PROPOSED WELL
  - ⊙ DENOTES FIELD LOCATION OF PERC HOLES

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

SOIL TYPES  
Ne C2  
En D2



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RONALD D. CARTER \_\_\_\_\_ DATE \_\_\_\_\_

PLAN TO ACCOMPANY APPLICATION FOR PERCOLATION TESTS  
HOWARD RESEARCH & DEV. CORP.  
TAX MAP #37  
6TH ELECTION DISTRICT  
SCALE: 1" = 50'

PARCEL 229  
HOWARD COUNTY, MARYLAND  
APRIL, 1982

NOTES:

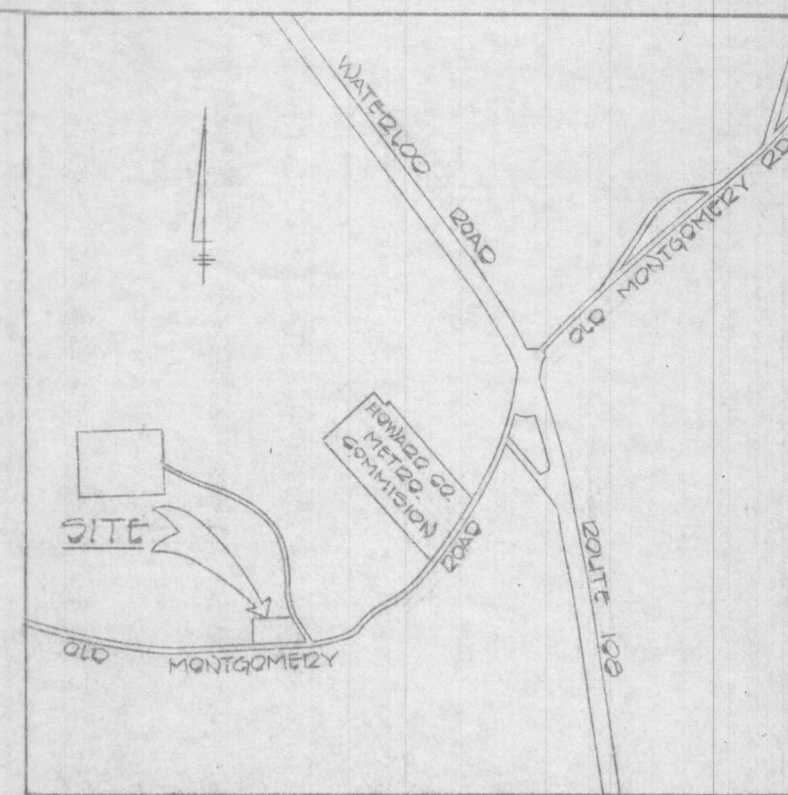
1. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH TO LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 17,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES OR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
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LEGEND

- ☒ DENOTES LOCATION OF DWELLING
- ⊙ DENOTES PROPOSED WELL
- ⊛ DENOTES FIELD LOCATION OF PERC HOLES

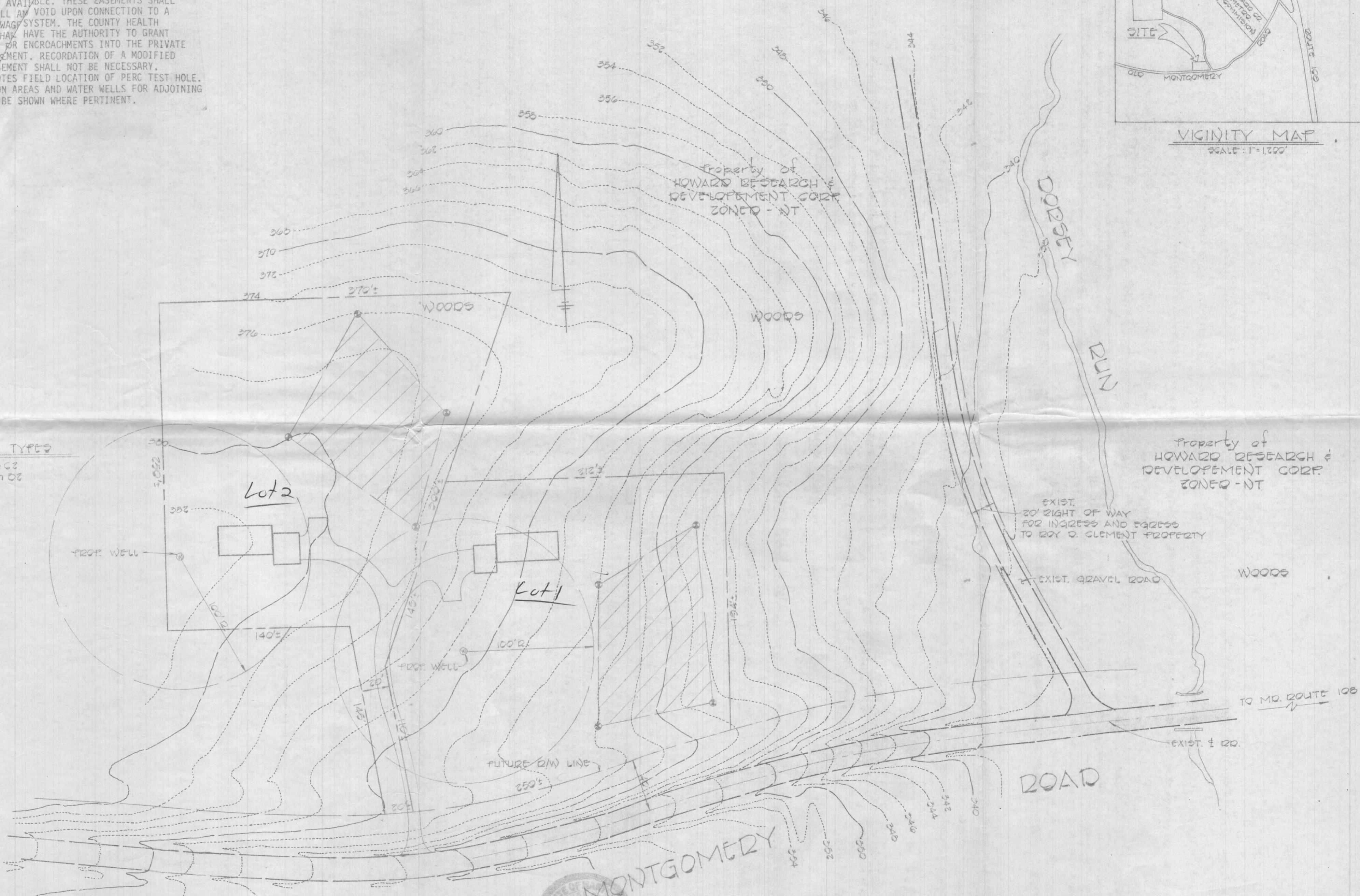
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.

*as signed 5/19/82*  
COUNTY HEALTH OFFICER DATE



VICINITY MAP  
SCALE: 1"=1,200'

SOIL TYPES  
Ne C3  
En D2



FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: (301) 461-2855



DONALD D. CARTER  
4-29-82  
DATE

PERCOLATION CERTIFICATION PLAT  
PROPERTY OF  
HOWARD RESEARCH & DEV. CORP.

TAX. MAP #37  
6TH ELECTION DISTRICT  
SCALE: 1"=30'

PARCEL 229  
HOWARD COUNTY, MARYLAND  
MAY 17, 1982

