

2/29/00  
10:00

# APPLICATION

PERCOLATION TESTING

A 513265

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 2/14/00

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mt. Jim Ward

ADDRESS 16307 Carbs Mill Road PHONE (410) 442-2033  
WOODBINE MD. 21796

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER INC.

ADDRESS 10272 Baltimore national AVE PHONE (410) 461-2855  
ellcott city MD. 21042

PROPERTY LOCATION:

SUBDIVISION Ward Property LOT NO. Parcel 196

ROAD AND DESCRIPTION West side of Carbs Mill Road

TAX MAP 8 PARCEL # 196

SIZE OF LOT 3 Ac. TYPE BLDG. S.F.D.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND 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.

Esmeralda Y. Gudo (Agent)  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 3/17/00 PERC OK, HOLD FOR PLAN (ML)

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' red silty m

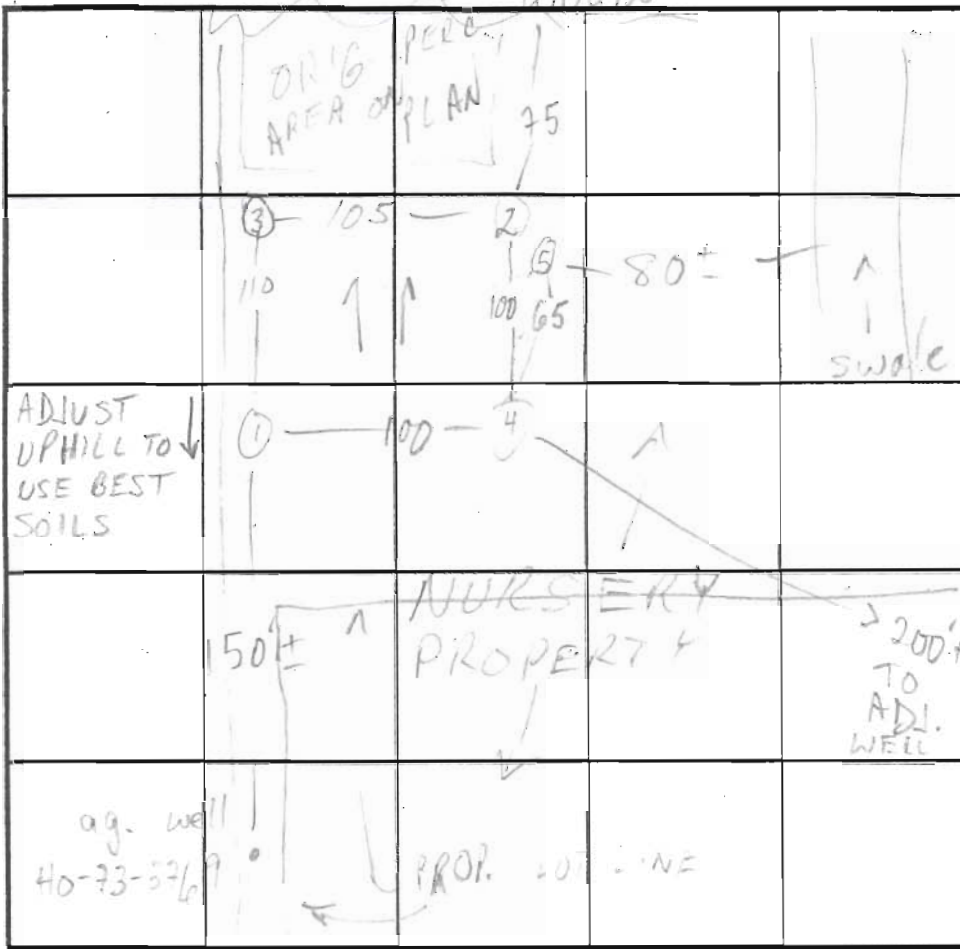
3-4' red silty m  
4m  
sandy m  
10-15% frags

red brn silty m

40-50% frags  
w/fin  
sandy m  
20% frags  
HARD BOT

red silty m

brn sandy m  
20-25% frags



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

CARR'S MILL RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/29/00	1 S	3'9"	10:38	10:44	10:44	10:52	2	
	1 M	2 1/2'	10:41	10:46	10:46	10:56	10	
	1 V	12 1/2'	OK see profile					
	2 S	3'	10:56	11:08	PERC. STOPPED IN FALLON OF BETTER SOILS			
	5 S	4'	11:26	11:35	11:35	11:57	22	
	5 V	11'	OK see profile					
	3 S	3 1/2'	11:02	11:17	11:17	11:42	25	
	3 V	2'	BETTER @ 4' see profile					
	4 V	12 1/2'	OK see profile					

REMARKS ALL HOLES DIFFERENT THAN PLAN

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT OK, OK Jr

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 16

TRENCH WIDTH 2

INLET DEPTH 3 1/2

MAXIMUM BOTTOM DEPTH 7 1/2

SQ. FT./BEDROOM 225



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## HOWARD COUNTY HEALTH DEPARTMENT

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Diane L. Matuszak, M.D., M.P.H., County Health Officer

February 16, 2000

Mr. Jim Ward  
16307 Carrs Mill Road  
Woodbine, Maryland 21797

RE: **Percolation Test Date**  
Proposed Use: Subdivision  
Property ID: Ward Property, One lot  
Carrs Mill Road  
Tax Map: 8 Part of Parcel #196

Dear Sir:

Percolation testing has been tentatively scheduled for the above referenced property for **Tuesday, February 29, 2000, at 10:00 a.m.** Please call this office at (410) 313-2640 to confirm your acceptance of this percolation test date.

You shall be responsible for having a contractor on site to excavate the test holes at the corners of the proposed septic area.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two to three weeks after the completion of the percolation testing.

Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Soe, R.S.  
Water and Sewerage Program

DKS

cc: Fisher, Collins & Carter, Inc.  
file



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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

March 17, 2000

Jim Ward  
16307 Carr's Mill Road  
Woodbine, MD 21797

RE: PERCOLATION TEST RESULTS  
A513265  
Existing Parcel of Record  
Map 8, Parcel 196

Dear Mr. Ward:

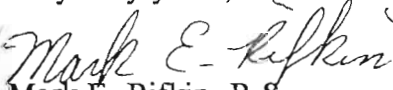
Percolation testing conducted February 29, 2000 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plan showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the locations of all existing wells and septic reserve areas on the property, as well as the locations of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown.

Since the proposal appears to create a two-lot subdivision out of the existing parcel, the residue would require some designation as a buildable or non-buildable lot. Since no proposal to conduct percolation tests was received for this residue, it would appear prudent that this residue be designated as a non-buildable preservation parcel, contingent upon approval from the Department of Planning and Zoning.

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the address below or by calling (410) 313-2640.

Very truly yours,

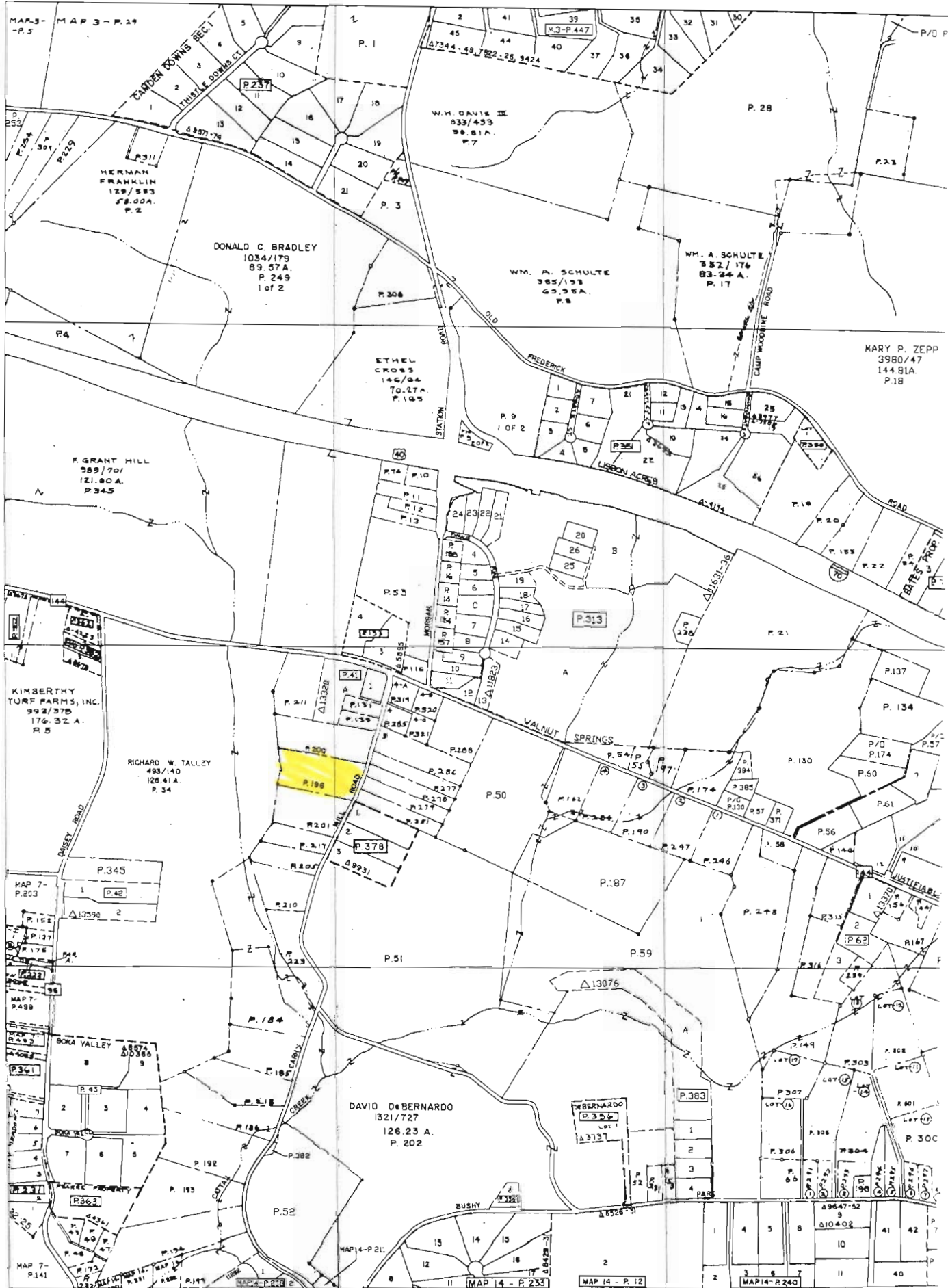
  
Mark E. Rifkin, R.S.  
Water and Sewerage Program

6/29/00 t/c w/ZACH  
(MR) FOR CONV. TO DOMESTIC SUPPLY  
DO YIELD TEST SEND  
REQUEST LETTER

MR

Enclosures

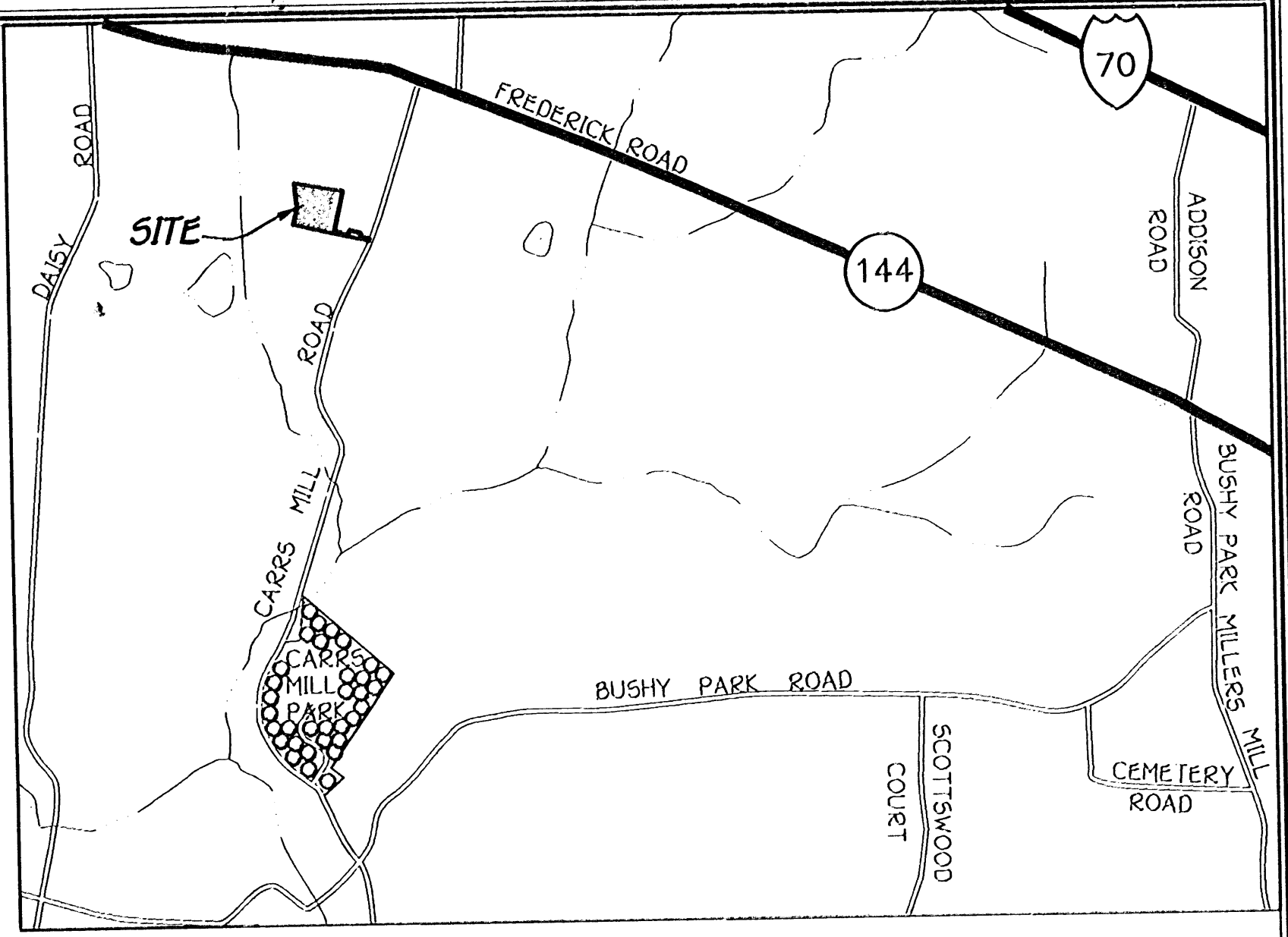
cc: Engineer  
File



Map 8  
P. 196



STATE NORTH  
MARYLAND GRID  
NAD 83



**VICINITY MAP**  
SCALE: 1"=1200'

**GENERAL NOTES:**

- 1) SITE IS ZONED RC-DEO
- 2) AREA OF PROPERTY = 3,000 ACRES\*
- 3) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- 4) LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 5) ALL WELL AND SEPTIC WITHIN 100' OF THIS BOUNDARY ARE SHOWN.
- 6) PROPOSED PARCEL 'A' IS CREATED BY UTILIZING ADJOINER DEED CONVEYANCE BETWEEN EXISTING PARCEL 196 AND 200.
- 7) THE EXISTING WELL IS SUBJECT TO A YIELD TEST PRIOR TO BUILDING PERMIT.

**SOILS LEGEND**

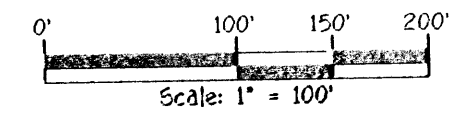
SOIL	NAME	CLASS
ChA	Chester silt loam, 0 to 3 percent slopes	a
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	a
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
ChD2	Chester silt loam, 15 to 25 percent slopes, moderately eroded	B
GID2	Glenelg loam, 15 to 25 percent slopes, moderately eroded	B

**NOTES:**

- \* Hydric soils and/or contains hydric inclusions
- \*\* May contain hydric inclusions
- † Generally only within 100-year floodplain areas

**PERC CERTIFICATION AND APPLICATION PLAN  
WARD PROPERTY**

ZONED: RC-DEO  
TAX MAP No. B, GRID No. 13, PART OF PARCEL 196  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND



DATE: FEBRUARY 11, 2000

APPROVED FOR PRIVATE WELL AND SEWAGE SYSTEMS.  
*Doree Masters*  
HOWARD COUNTY HEALTH OFFICER  
5/31/00  
DATE



PROPERTY OF RICHARD W. TALLER  
LIBER 483, FOLIO 194  
PARCEL No. 34

PROPERTY OF JAMES V. WARD, JR.  
LIBER 1297, FOLIO 478  
PARCEL No. 200

PROPERTY OF RICHARD W. TALLER AND WIFE  
LIBER 843, FOLIO 194  
PARCEL No. 34

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLKOTT CITY, MARYLAND 21042  
(410) 461-2855

Drawing Name: WARD2 PercCertApplicPlan.dwg