

APPLICATION

PERCOLATION TESTING

A 518503

P _____

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

DISTRICT _____

DATE 1-6-03

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 Marlene & Donald Brescia

ADDRESS 8517 Beaufort Drive, Fulton MD 20759 PHONE 410/792-2936

AGENT OR PROSPECTIVE BUYER MIRIAM BRESCIA

ADDRESS 15 N. Symington Ave, Catonsville, MO. 21228 PHONE 410/455-5435

PROPERTY LOCATION:

SUBDIVISION Beaufort Park LOT NO. lot 9, Parcel E, Plat 2

ROAD AND DESCRIPTION Edenton Road

TAX MAP 45 PARCEL # E, Lot 9

SIZE OF LOT 45,900 sq. ft. TYPE BLDG. Single family dwelling
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

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

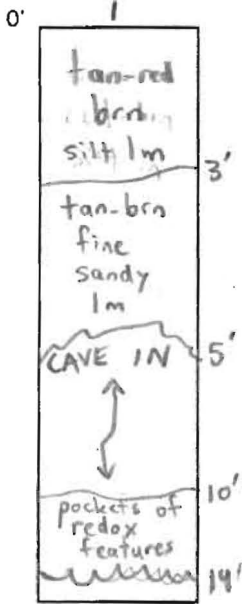
THIS IS NOT A PERMIT

518503

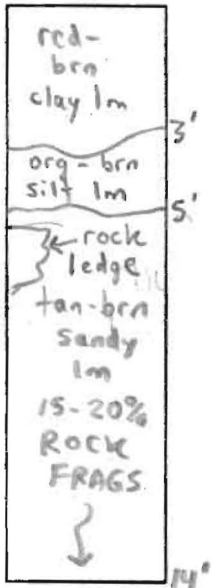
NOT TO SCALE

COUNTY #

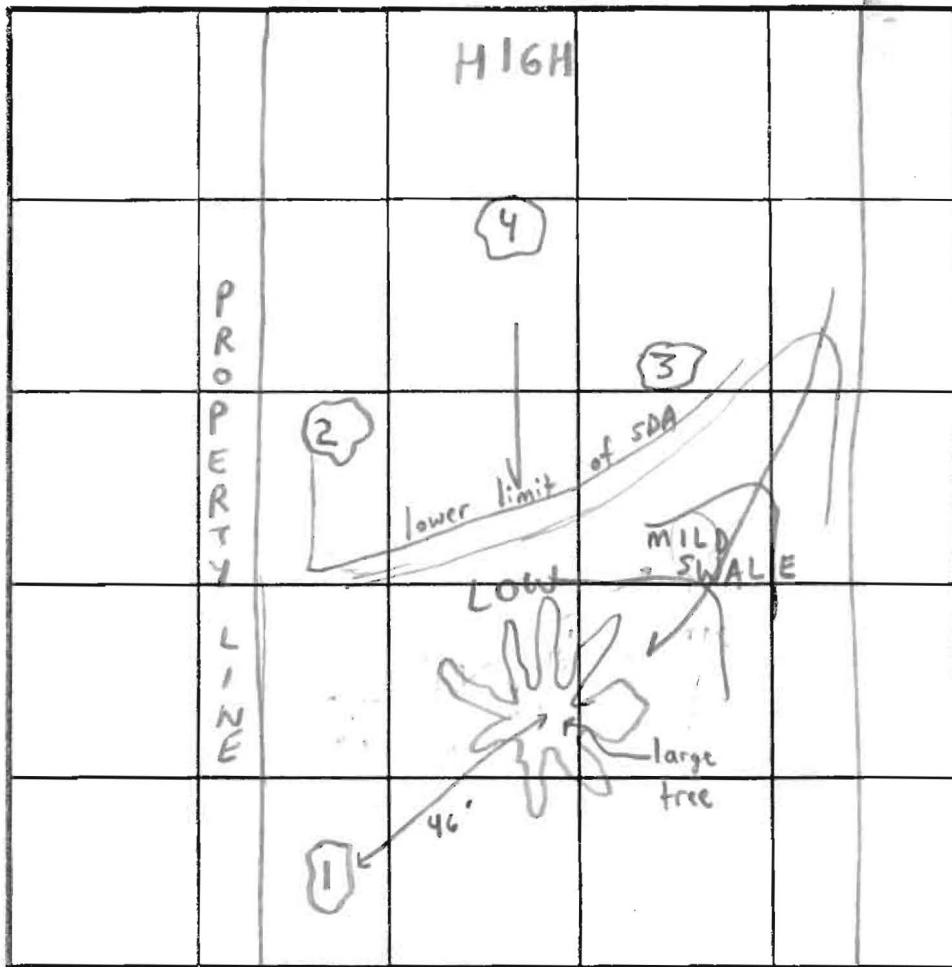
SOIL PROFILE



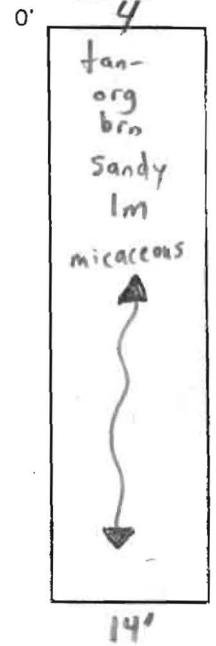
2



3



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
5/5/03	1	5'V	(INSUFFICIENT DEPTH TO CAVE IN)					NA	FAILS
	2	6'T / 14'V	11:17	11:20	11:20	11:24	4min	OK	
	3	14'V	(VISUAL OK SEE SOIL PROFILE)					NA	OK
	4	5'T / 14'V	11:40	11:45	11:45	11:50	5min	OK	

REMARKS: Hole 1 poor landscape position (SDA unusable in this location)
 Hole 3 not excavated per perc test plan.

TYPE OF SOIL: _____
 TESTED BY: SRK & FA
 ALSO PRESENT: Tom Hill & John Schnieder = Eng. Miriam Breschia = Owner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 4.5' TRENCH WIDTH: 3'
 INLET DEPTH: 1.5' MAXIMUM BOTTOM DEPTH: 8' SQ FT/BEDROOM: 180
 4' sidewall

January 9, 1981

Howard County Office
Department of Assessments and Taxation
Court House
Ellicott City, Maryland 21043

RE: Beaufort Park, Lot 9, Blk. E,
Plat 2, Map 45, Parcel 27

Dear Sir:

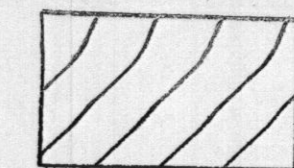
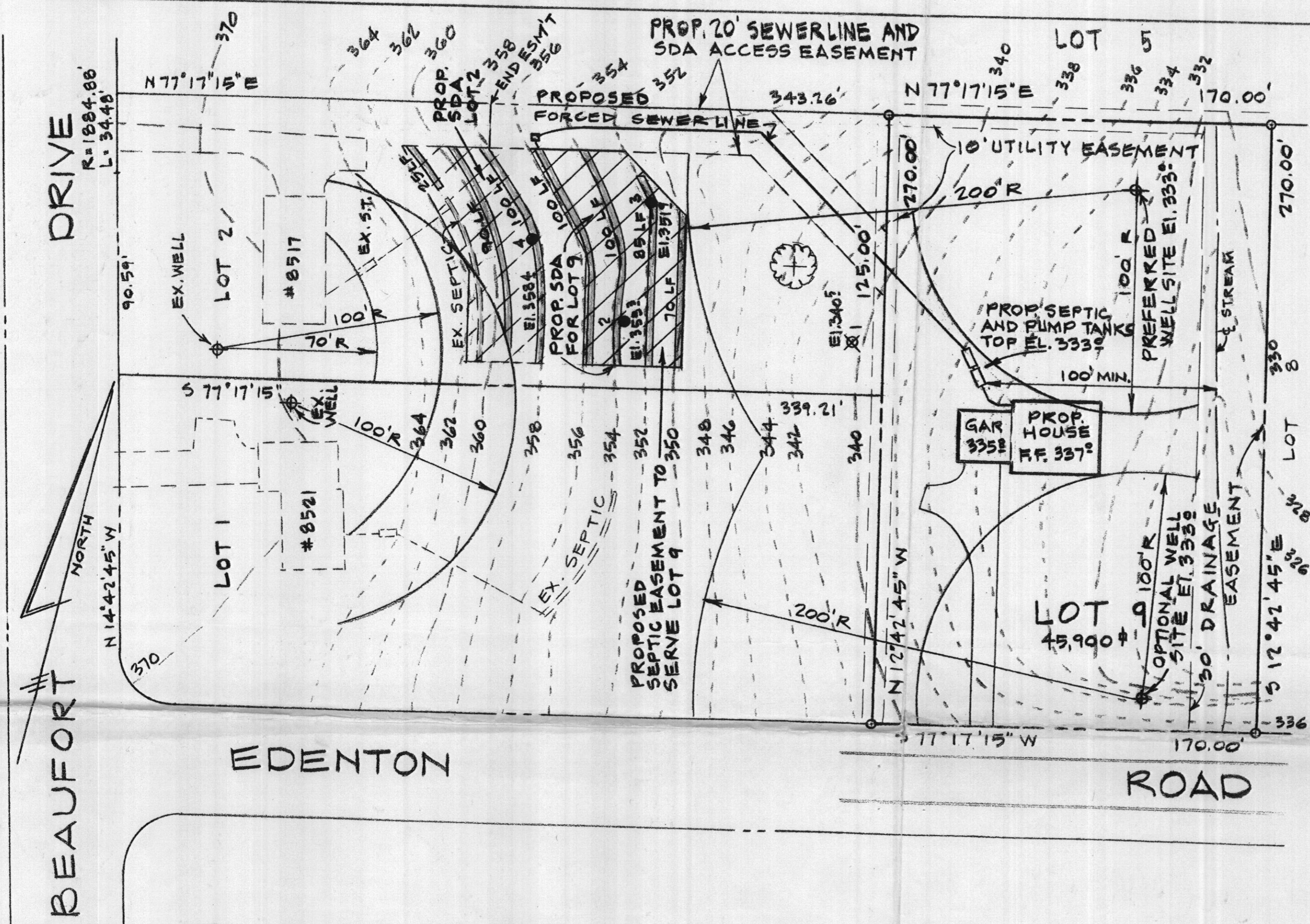
The above referenced lot failed the standard percolation test on April 9, 1965, and at this time is considered non-buildable. This lot may be re-tested only during the wet season.

Very truly yours,

F. A. S.

Frank A. Skinner, Sanitarian
Water and Sewerage Program

FAS:hs



This area designates a private sewage easement as required by the Maryland State Department of the Environment for individual sewage disposal, to accommodate enough area for an initial system and one repair. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on this building site. This sewage easement shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement.

All percolation test holes have been field located and shown as thus ●
 Percolation test holes shown as X indicate failed test holes.

All wells and septic systems within 100' of property lines have been shown.

Topography shown in the vicinity of the proposed sewage easement reflects field run elevations, based upon Topographic Composite Map of Howard County, Md. 1998, Map No. 175.

Lot 9 to utilize offsite septic and sewerline easements to be located and maintained on adjacent Lot 2, via a recorded perpetual easement between Lot 2 and Lot 9. Proposed well on Lot 9 to be constructed with a minimum 50' depth of well casing.

Lot 2 and Lot 9 are located within 2500 feet of the Rocky Gorge Reservoir. COMAR 26.04.02.04 K states: "A lot located within 2500' of the normal water level of existing or proposed water supply reservoirs, measured horizontally, or within a 5000' radius upstream from the water intake on streams used as potable water supply sources and a 5000' radius of water intake located within a reservoir, shall have an area of not less than 2 acres, with a minimum width of 175 feet..." A VARIANCE FROM MDE TO THIS SECTION OF THE REGULATION MUST BE OBTAINED. A VARIANCE IS HEREBY GRANTED TO THIS SECTION OF THE REGULATION PROVIDED THE FOLLOWING CONDITIONS ARE MET IN SEQUENTIAL ORDER:

1. A PERPETUAL EASEMENT BETWEEN LOT 2 AND LOT 9 MUST BE RECORDED IN THE LAND RECORDS OF HOWARD COUNTY AND A COPY OF THIS DOCUMENT MUST BE SUBMITTED TO THE HEALTH DEPARTMENT PRIOR TO SEPTIC PERMIT ISSUANCE FOR LOT 2 OR LOT 9.
2. DOCUMENTATION SHOWING A PRETREATMENT TECHNOLOGY TO PERFORM 50% NITROGEN REDUCTION IS REQUIRED TO BE SUBMITTED, REVIEWED AND APPROVED FOR LOT 2 AND LOT 9, PRIOR TO SEPTIC PERMIT ISSUANCE FOR LOT 2 OR LOT 9.
3. LOT 2 WILL BE ISSUED A SEPTIC PERMIT TO INSTALL NITROGEN PRETREATMENT ON THE EXISTING SYSTEM, AND THE PRETREATMENT UNIT INSTALLED, ALONG WITH THE FORCE MAIN AND TRENCH(S) FOR LOT 9, TO BE INSTALLED PRIOR TO BUILDING PERMIT APPROVAL FOR LOT 9. A PRE-BUILDING PERMIT PLAN SHOWING SEPTIC ELEVATIONS WILL BE SUBMITTED PRIOR TO SEPTIC PERMIT ISSUANCE FOR LOT 9.

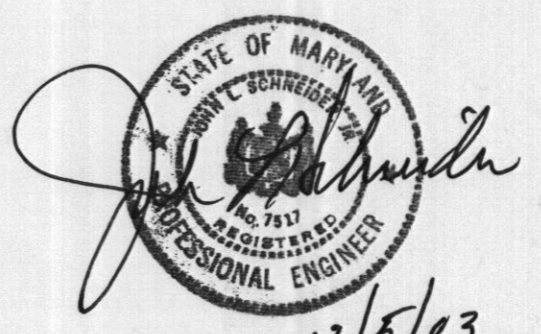
SEPTIC DATA
 TRENCH DESIGN CALCULATION
 TRENCHES TO BE 3' WIDE WITH
 4' EFFECTIVE SIDEWALL
 NUMBER OF BEDROOMS TO BE 4x
 SQ.FT. OF TRENCH TO BE 180
 DIVIDED BY WIDTH TO BE 240x
 USABLE SIDEWALL TO BE .42
 LENGTH OF TRENCH
 PER SYSTEM TO BE 100.8'
 $4 \times 180 = 720 / 3 = 240 \times .42 = 100.8'$

TOTAL REQUIR- ED TRENCH LENGTH FOR PRIMARY AND REPAIR SYS- TEMS	LOT 2	LOT 9
	200 LF	200 LF
TOTAL TRENCH LENGTH SHOWN	215 LF	355 LF

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER
 HOWARD COUNTY HEALTH DEPARTMENT
Peng Kocute M.D., P.E. 12-8-03
 HOWARD COUNTY HEALTH OFFICER SRK DATE

MDE REVIEW: *[Signature]*

PROPERTY OWNERS
 DEM BRESCIA
 15 N. SYMINGTON AVE.
 CATONSVILLE, MD. 21228
 PHONE: 410-455-5435
 CONTACT PERSON:
 MERIAM BRESCIA)



12/5/03
 ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING ROAD
 CATONSVILLE, MD. 21228
 PHONE: 410-744-1945
 410-750-8806
 (TOM HILL)

PERCOLATION CERTIFICATION PLAT	
LOT 9 BLOCK E PLAT TWO BEAUFORT PARK SUBDIVISION	
5th ELECTION DISTRICT HOWARD COUNTY - MARYLAND	
SCALE: 1" = 40'	DATE: MAY 12, 2003* REV.: JULY 1, 2003

*REVISED: NOV. 12, 2003 PER HEALTH DEPT. COMMENTS
 DEC. 3, 2003