

2/11/03
9:00

APPLICATION

PERCOLATION TESTING

A 518643

F _____

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

DISTRICT 5TH

DATE 4/21/03

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 FRANK J. MAGUIRE

ADDRESS 7003 VEERING LN. BURKE, VA 22015 PHONE 703-455-9387

AGENT OR PROSPECTIVE BUYER GOLDEN BUILDERS, INC.

ADDRESS 116 DEFENSE HIGHWAY SUITE 301 PHONE 410-573-4766
ANNAPOLIS, MD 21041

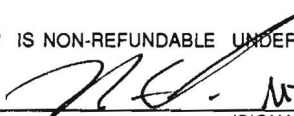
PROPERTY LOCATION:

SUBDIVISION ANTREE ESTATES, SECTION 2 LOT NO. 16

ROAD AND DESCRIPTION FIRETHORN LANE

TAX MAP 34 PARCEL # 204

SIZE OF LOT 2.49 AC ± 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.  Mike Neary Golden Builders
(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

COUNTY #

SOIL PROFILE

203

orge
pink
brn
hvy lm

pink brn
sa mi lm

10-10-
15% 25%
frags frags

UP DN
201/205

brn
orge
cl lm

hvy
lm

tan brn

orge
sa mi

lm

15-20%
frags

UP 202 DN

brn
orge

pink

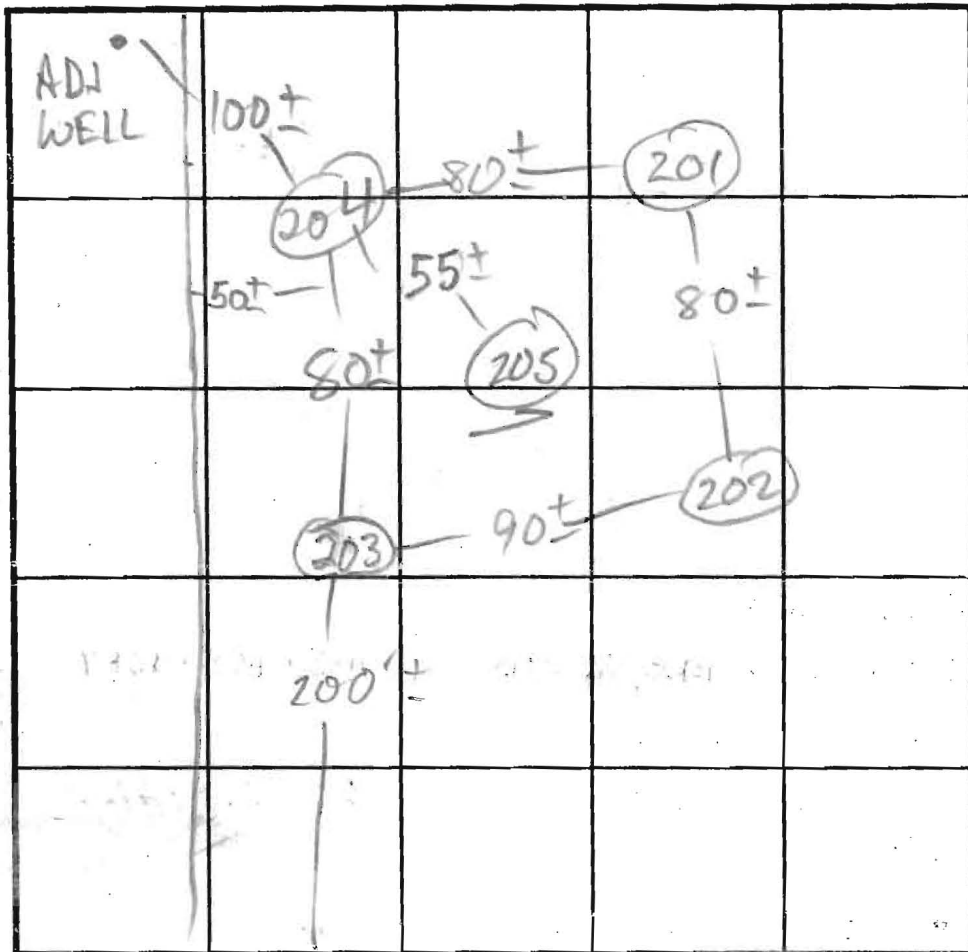
hvy lm

pink brn

orge
sa mi lm

15-15-
25% 30%

frags frags



SOIL PROFILE

204

brn orge
cl lm

hvy lm

wh. soapstone
decayed quartz

brn tan
sa mi lm

20-25%
mica

saprolite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FIREHORN LA

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/11/03	203 V	9' 12"	10:16:55	10:26	10:26	10:44	18
	202 V	6' 9" / 11' 9"	10:57	10:58	10:58	11:01	3
			10:55:15	11:02	11:02	11:11	9
	201 V	12 1/2'	OK	see profile			
	204 V	6' 8 1/2" / 12'	12:00:30	12:01:50	12:01	12:04	3
			11:57:30	12:03	12:03	12:13	10
	205 V	12' 9"	OK	see profile			

REMARKS

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT Fogle's crew

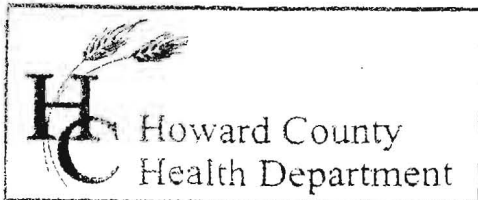
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9

TRENCH WIDTH 2

INLET DEPTH 4

MAXIMUM BOTTOM DEPTH 8

SQ. FT./BEDROOM 210 (X0.50)



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer
June 25, 2003

Mike Neary
c/o Golden Builders
116 Defense Highway, Suite 301
Annapolis, MD 21041

RE: Percolation Test Results – A518643
Aintree Estates, Lot 16, Firethorn Lane
Vacant Lot of Record

Dear Mr. Neary:

Percolation testing conducted June 11, 2003 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/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography;
- 2) the proposed house and well sites (since lot is not being created, 1500 ft² well zone is not required)
- 3) the proposed sewage reserve area (since lot is not being created, 10K ft² sewage easement is not required; the MDE statement should reference this as a “sewage reserve area”)
- 4) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown;
- 5) a note indicating that depicted topography reflects field-verified information
- 6) the plan identification number (PC 518643)

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 above address or by calling (410) 313-1771.

Very truly yours,

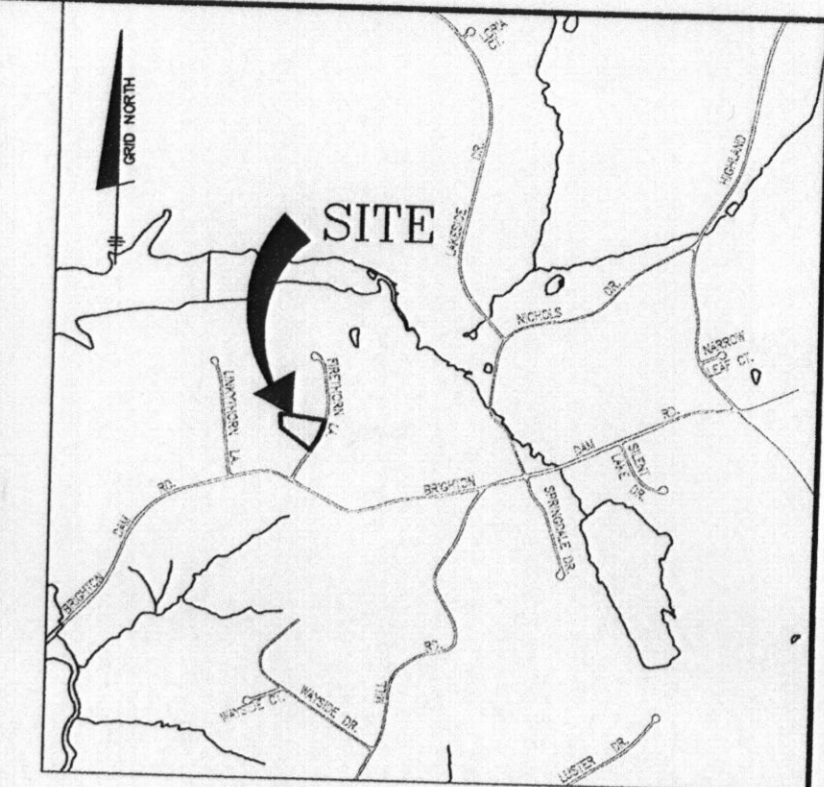
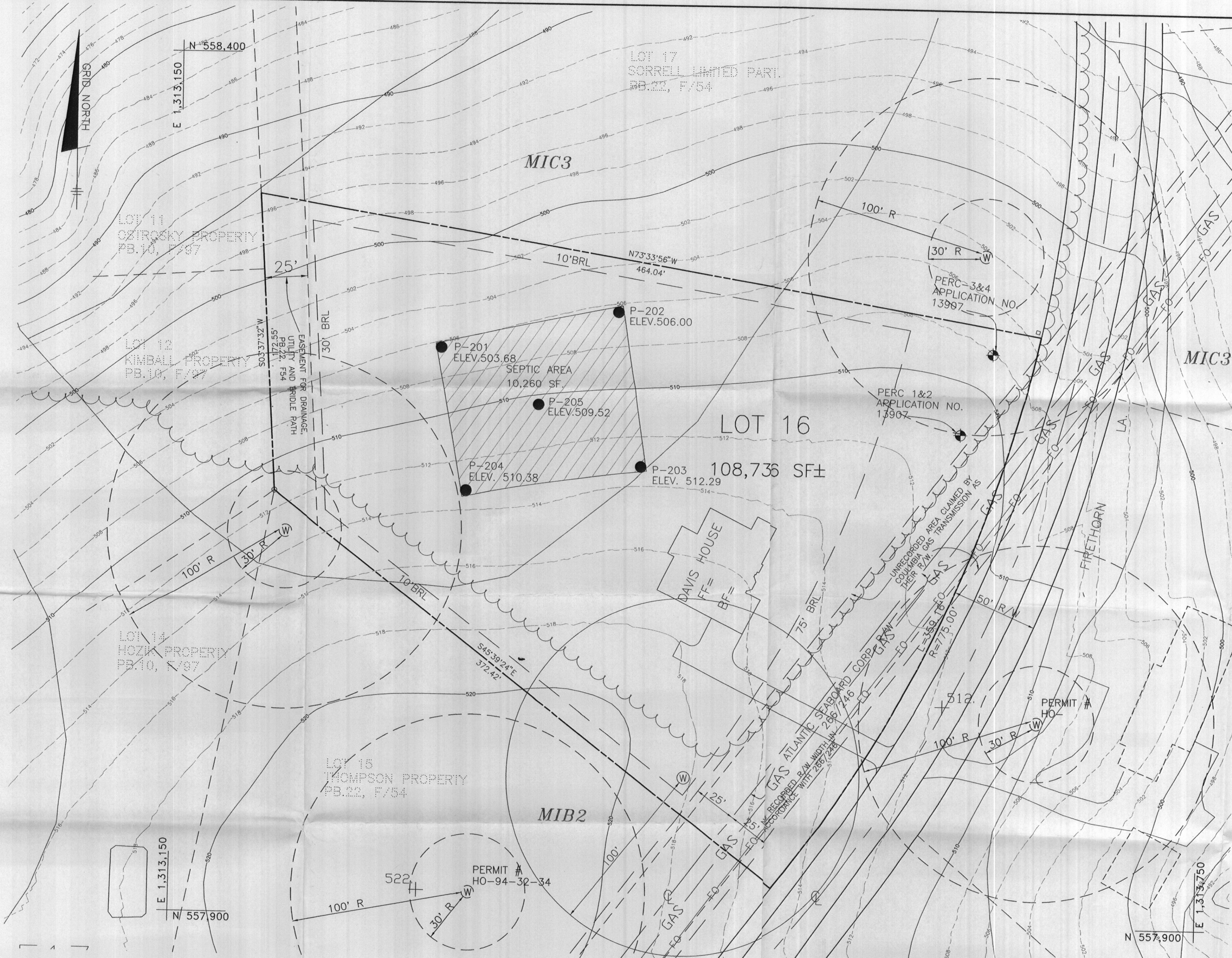
Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

cc: Frank J. Maguire
Benchmark Engineering
File



LEGEND

SOILS CLASSIFICATION	CHB2
SOILS DELINEATION	---
EXISTING CONTOURS (HOWARD COUNTY DIGITAL)	---
LIMIT OF WETLANDS	---
EXISTING STRUCTURE	[Symbol]
EXISTING WELL	⊙ EX. WELL
PROPOSED SEPTIC FIELD	[Symbol]
PASSED PERCOLATION TEST	● P-10
APPROXIMATE LOCATION OF EXISTING PERC TEST HOLE FROM 1968	⊙ P-10
PROPOSED WELL	⊙
PROPOSED STRUCTURE	[Symbol]

ADJOINER INFORMATION

MAP No.	PARCEL	OWNER	ADDRESS	LIBER/FOLIO	PLAT No. LOT No.
34	264	THOMPSON GILBERT C THOMPSON PAMELA J	6296 FIRETHORN LN CLARKSVILLE, MD 21029	6672/538	22 54 LOT 15
34	264	SORRELL LIMITED PART PO BOX 345 CLARKSVILLE, MD 21029	FIRETHORN LN CLARKSVILLE, MD 21029	5091/322	22 54 LOT 17
34	264	AMATRUDA JOHN KHAN IMRAN T/C	6287 FIRETHORN LN CLARKSVILLE, MD 21029	5036/412	22 54 LOT 24
34	264	RIDDLE DAVID W HUGHES CLARA JEAN	6291 FIRETHORN LN CLARKSVILLE, MD 21029	1682/235	22 54 LOT 25
34	264	MILLER FRANKLIN W & WIFE	6295 FIRETHORN LN CLARKSVILLE, MD 21029	600/411	22 54 LOT 26
34	247	OSTROSKY ROBERT & WIFE	6289 LINKYTHORN LN CLARKSVILLE, MD 21029	555/379	10 97 LOT 11
34	247	KIMBALL STEVEN KIMBALL NANCY	6293 LINKYTHORN LN CLARKSVILLE, MD 21029	1155/205	10 97 LOT 12
34	247	HOZIK NICHOLAS T/C HOZIK DORIS R	13946 BRIGHTON DAM RD CLARKSVILLE, MD 21029	2149/504	10 97 LOT 14

SOILS LEGEND

MAP SYMBOL	SOIL GROUP	SOIL TYPE
MIB2	B	MANOR LOAM, 3 TO 8% SLOPES, MODERATELY ERODED
MIC2	B	MANOR LOAM, 8 TO 15% SLOPES, MODERATELY ERODED
MIC3	B	MANOR LOAM, 8 TO 15% SLOPES, SEVERELY ERODED
MID3	B	MANOR LOAM, 8 TO 15% SLOPES, SEVERELY ERODED

• INDICATES HYDRIC SOILS
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 7

PLAN
SCALE: 1" = 30'

GENERAL NOTES

- 1) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 2) THIS AREA DESIGNATES A PRIVATE SEWERAGE RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE RESERVE AREA.
- 3) TOPOGRAPHY SHOWN HEREON WAS PURCHASED FROM HOWARD COUNTY, GEOPHYSICAL INFORMATION SYSTEMS BY BENCHMARK ENGINEERING, INC. AND FIELD VERIFIED.
- 4) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPOSED SEPTIC AREA EXCEPT AS SHOWN ON THIS PLAN.

AS PLAN PREPARER, I HAVE INSPECTED THE SITE. THIS PLAN IS ACCURATELY DRAWN TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

Donald A. Mason
PLAN PREPARER: DONALD A. MASON

APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Donna L. Mason 7/25/03
COUNTY HEALTH OFFICER

2		
1		
NO.	DATE	REVISION

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE A SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-485-6105 FAX: 410-485-6644
E-MAIL: benchmrk@cois.com

Donald A. Mason

7/25/03

OWNER/DEVELOPER: GOLDEN BUILDERS, INC. 116 DEFENSE HIGHWAY, SUITE 301 ANNAPOLIS, MARYLAND 21401 410-573-4766	PROJECT: AINTREE ESTATES LOT 16
LOCATION: TAX MAP 34, GRID 13, PARCEL 264 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	TITLE: <i>Signed</i> PERCOLATION CERTIFICATION PLAN PC 518643
DATE: JULY, 2003	PROJECT NO. 1648
Design: DAM	Draft: EDD
Check: DAM	SCALE: AS SHOWN
	DRAWING 1 OF 1