

APPLICATION

PERCOLATION TESTING

A 514916

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 2/2/2001

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 Bidgley Jones

ADDRESS 1465 Underwood Rd. Sykesville md. 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Jones Tract LOT NO. LOT 1

ROAD AND DESCRIPTION 1465 Underwood Rd. Sykesville md 21784

TAX MAP 9 PARCEL # 12

SIZE OF LOT 1 acre TYPE BLDG. Single Family
(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.

Philip A. Dorsey
(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 #

Jones Tract 6th 1. Underwood Rd

SOIL PROFILE

0'	hardland letter
2"	dark brown L-SL
2"	str Brn L - (Moist)
5"	2 v.f. SbK-gran
5"	yellow HL-CL
5"	(2 fm SbK)
	(Moist)
	(Pewy)
20"	yellow HL-CL
	(2 m SbK) Moist
3'	Van. yelt velt
	FL-FSL (Moist)
	(1 m SbK - Massive)
6'	Mid gel Brn-yellow
	FSL massive
7'	— (Schist?)
11'	— (Schist?)
13'	—

5

2⁰ ~~Yel Red CL~~
~~2m thick~~

3 Red SL (1m thick)
Massive

4-5 Neutral Sandy
Brn Tan
PSL
(Massive)
(Saprophytic)

(No Rocks)

Tan Hm
E whitish gray
PSL
(No Rocks)

4

16	yel (ochre) brown
	2 CL (1 C-shd)
	v. P. 1st
	dance
3 1/2	red-brown
	PSE-SE
5 1/2	
	Tan (reddish)
	SL-LS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SOIL PROFILE

0' 3A, 2
Str Bn
N Logon-Cl
(2m Sbk) 2 1/2-4'
Red Bn
L-Sbk
(1m Sbk) 5'
Mid Bn
Tan (Reddish)
SL
10' yel green
5' Sp. Shrub
13' 1' (H. B. Bn) Rotten
Root (30%)

Hole 6	
18"	Barn Loam
3 1/2'	Red SIL
6'	Yel Red SL
13'	Yel Tan SL-L5

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/20/01	1	13' 4"	11:01:50	11:07:00	11:07:00	11:16:01	9 min
		on Northw side of rocky Pocket 45-75% Schist (hard) weather 8'-11'					
	5	13' 4 1/2"	11:23:20	11:26:40	11:26:40	11:31:40	5 min
	4	13' 5 1/2"	11:25:40	11:32:00	11:32:00	11:40	8 min
	2	12 1/2"	Visual only	h 2 1/2 - 4'	5L = 4'		OK
	3A	13' 5"	11:41:00	11:45:00	11:45:00	11:50	5 min
	⑥	13' 5 1/2"	12:02:00	12:04:03	12:04	12:08:00	4 min
		No Rocks encountered					

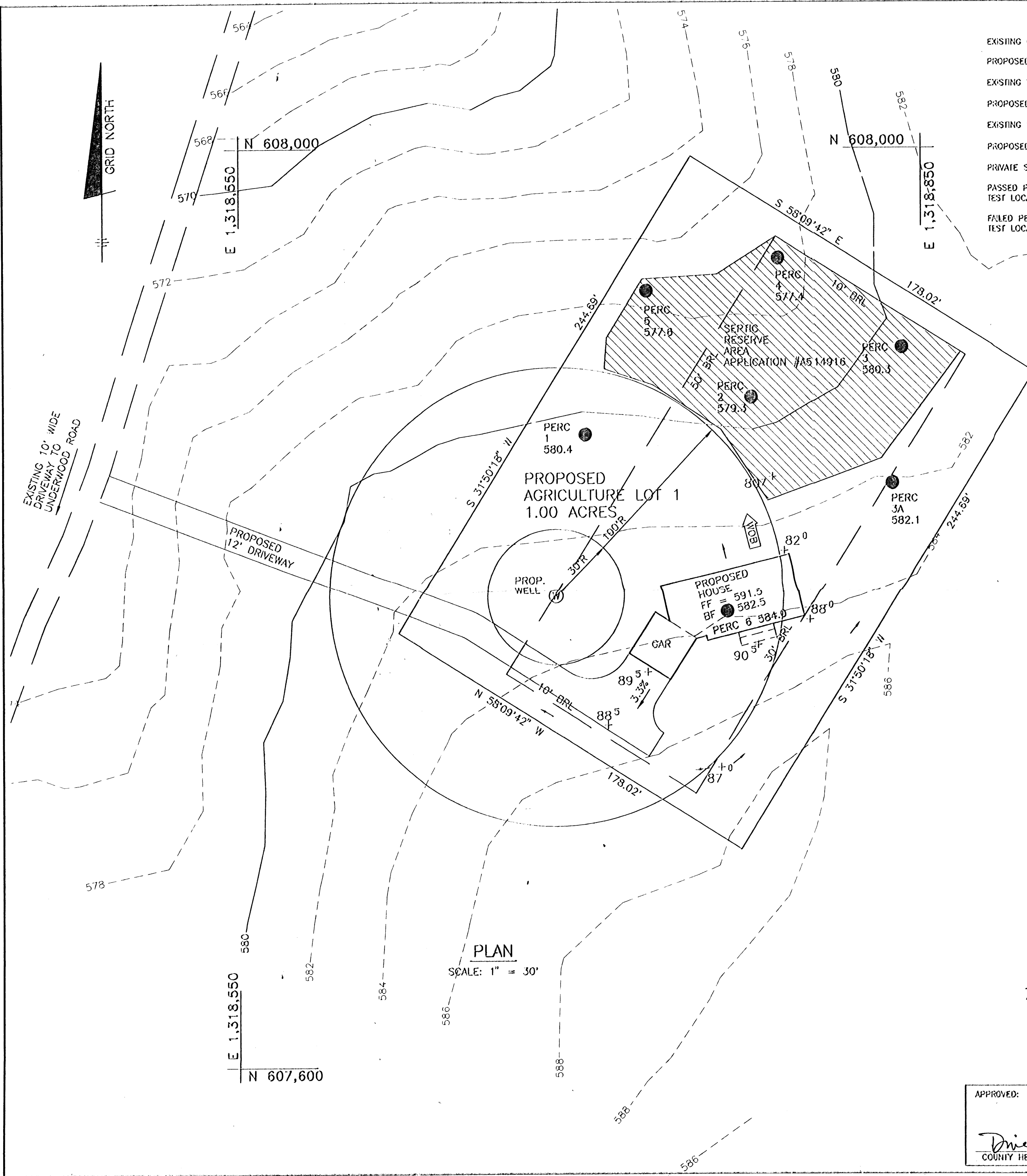
REMARKS 1 Acre lot of exot large farm. Perc areas at Head of but Not in Swale

TYPE OF SOIL Shelter (Test Holes 1m² 1/4 square or less) 1m²

TESTED BY R.P. Indley ALSO PRESENT James Hatfield's Road Inc

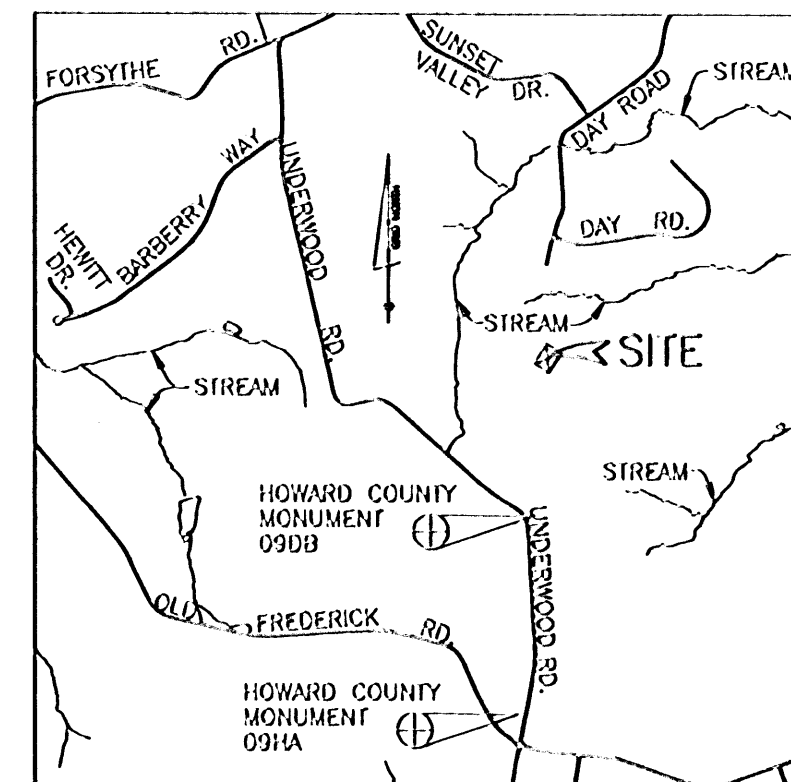
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 mpi TRENCH WIDTH 2'

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180'



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- EXISTING STRUCTURE
- PROPOSED STRUCTURE
- PRIVATE SEWERAGE EASEMENT
- PASSED PERCOLATION TEST LOCATION
- FAILED PERCOLATION TEST LOCATION



SITE VICINITY MAP
SCALE: 1" = 2000'

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 EASEMENT OF 10,000 S.F. 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 EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER 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 PLAT SHALL NOT BE REQUIRED.
- 3.) UNLESS OTHERWISE SHOWN NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
- 4.) EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- 5.) TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BENCHMARK ENGINEERING, INC. ON OR ABOUT NOVEMBER, 2000.

BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

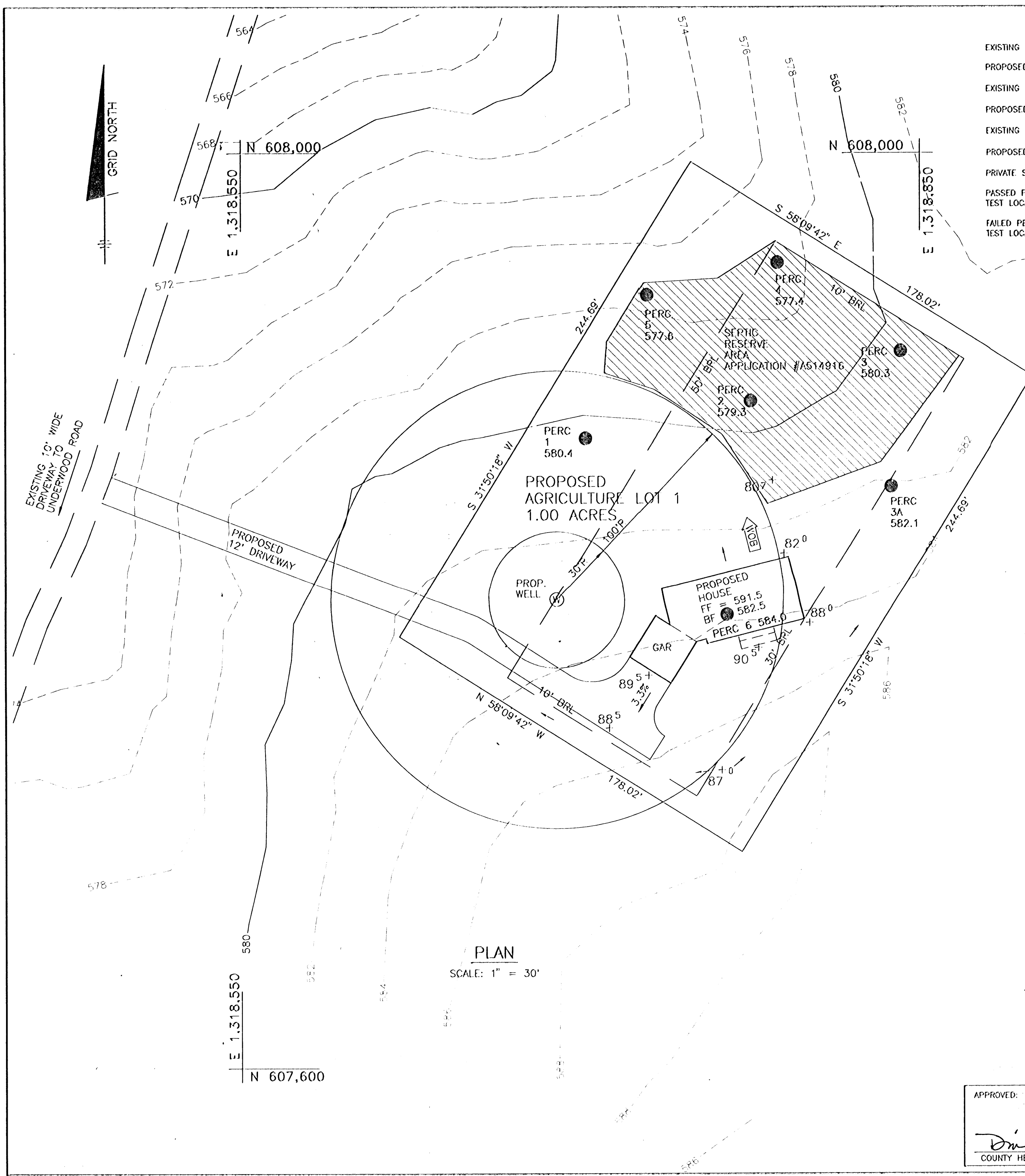
8180 BALTIMORE NATIONAL PIKE & SUITE 418
ELICOTT CITY, MARYLAND 21043
PHONE: 410-165-8105 FAX: 410-165-8814



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

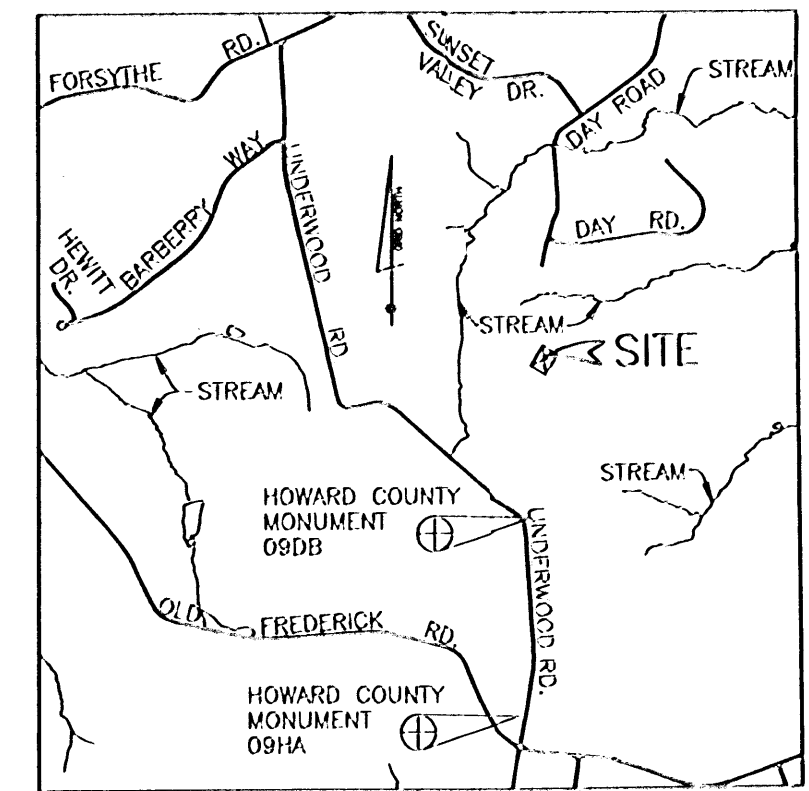
David M. Moore
COUNTY HEALTH OFFICER
DATE: 6/5/01

PROJECT:		JONES TRACT LOT 1	
LOCATION:		TAX MAP NO. 9 - PARCEL 12 GRID 15 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE:		PERCOLATION PLAN	
DATE:	MARCH, 2001 MAY, 2001	PROJECT NO.	PHIL JONES
SCALE:	1" = 30'	DRAWING	1 OF 1



LEGEND

- EXISTING CONTOURS 999
- PROPOSED CONTOURS 999
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
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PLAN
SCALE: 1" = 30'

BENCHMARK
ENGINEERS & LAND SURVEYORS & PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644



APPROVED: FOR PRIVATE WATER AND SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Dina M. Moore 6/5/01
COUNTY HEALTH OFFICER DATE:

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