

2/10/03
9:30

APPLICATION

PERCOLATION TESTING

A 5/8540

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

2/10/03 PROPOSAL
(MP) TO REPLACE
EX. 3BR
w/NEW 4BR -OK

DISTRICT _____

DATE 2-10-03

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 mark miller

ADDRESS 625 River Rd Sykesville MD PHONE (410) 442-0253

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Janet L. miller Subdivision LOT NO. 2

ROAD AND DESCRIPTION 625 River Rd

TAX MAP 4 PARCEL # 98

SIZE OF LOT 1.50 Acres TYPE BLDG. New 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. Mark M. Miller
(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



Sub Ang. Blk

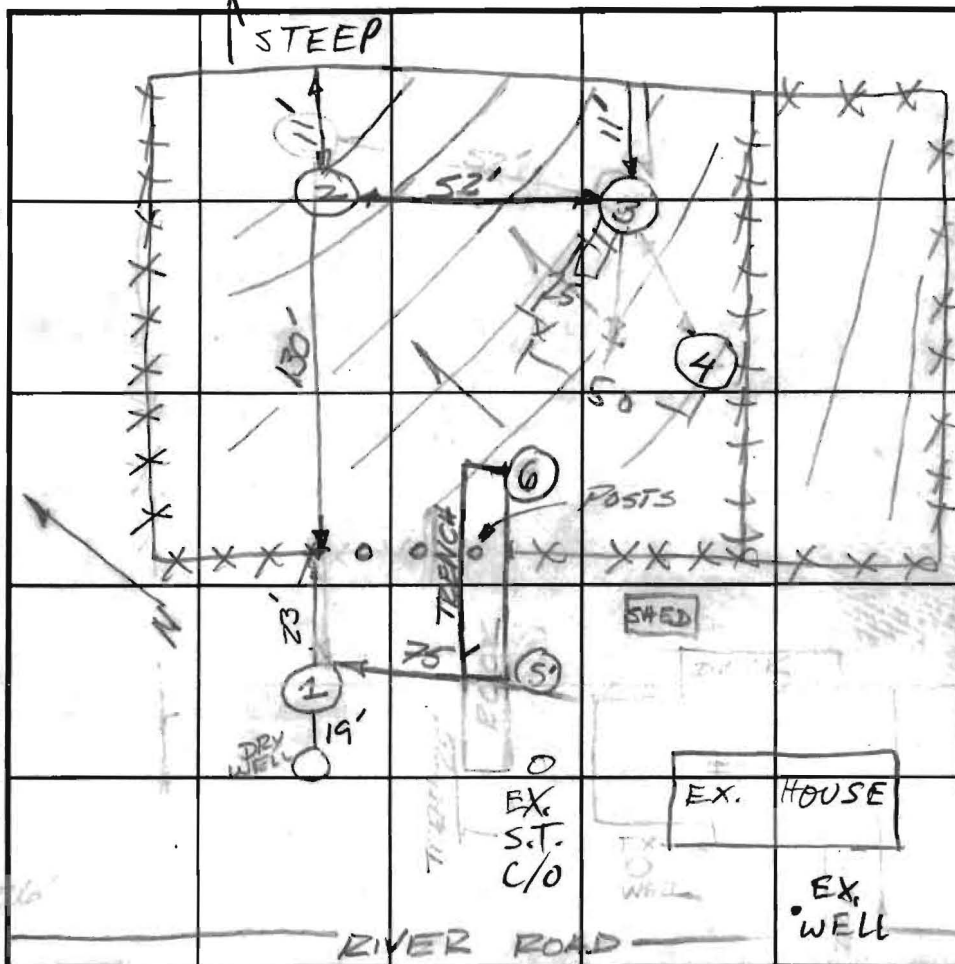
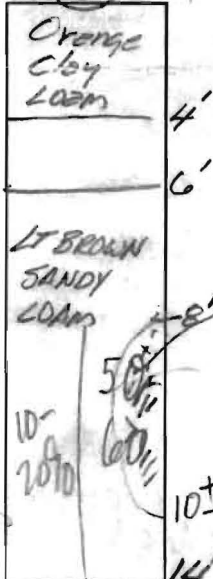
Granular

Granular

Sub Ang. Black

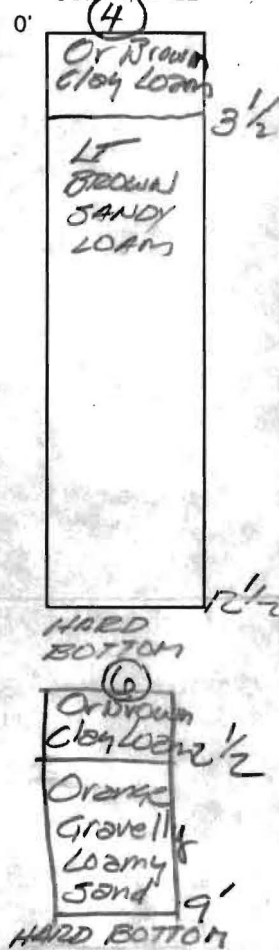
Granular

WEST #3 EAST



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



3 1/2

12 1/2

1 1/2

9'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/13/03	#1 M V	7' 9" V 13 1/2'	1:35:40	1:37:05	1:37:05	1:40:00	3 min
	#2 S V	7 1/2' V 14'	2:06	2:21 3/4"	in 15 min: FAIL		
	#5/6 V	> 50% ⁹⁰ ROCK SHALLOW @ 3'; extended trench 25' into ferred area for hole #6 & dug to 9'					
	#3 V	14	OK, AVOID WEST SIDE BY 25'				
	#4 V	12 1/2	OK				
POCKET OF GNEISS CHERY ROCK FRAGMENTS, 750% ⁹⁰ @ 8'							

REMARKS TRENCH FROM HOLE #5 w/ > 50% ROCK SHALLOW AT 4', 5', 5 1/2'

TYPE OF SOIL

TESTED BY M. Ritkin, F. Alfonso

ALSO PRESENT Owners, Hatfield's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME < 7

TRENCH WIDTH 3

INLET DEPTH 2 1/2

MAXIMUM BOTTOM DEPTH 4 1/2

SQ. FT/BEDROOM 180

GENERAL NOTES

1. Subject property zoned RR-DEO per 10/18/93 Comprehensive Zoning Plan.
2. Total area of property = 1.50 Ac.±
3. Private water, and sewer will be used within this site.
4. This area designates a private sewage reserve area 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 sewage is available. These reserve areas shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage reserve area.
5. All wells and septic systems on adjacent properties within 100' of property boundaries have been shown.
6. Howard County Soil Map #4
7. Septic fields are located on soil types GIB2 and GIC2, as per the soil survey of Howard County.
8. Five (5) foot contours are taken from Howard County aerial topographic survey. Two (2) foot contours have been field run by C.B. Miller and Associates, Registered Land Surveyor, in April 2003. All percolation test holes and their elevations have been field located by C.B. Miller and Associates, Registered Land Surveyor, in Aug. 2002.
9. Existing septic system will be properly abandoned at the time the new system is installed.
10. A Well Yield Test has been performed by a licensed well driller. Well yield is 12GPM.
11. There are no steep slopes on site.
12. Reference: Plat #3689
13. The purpose of this plan is to certify two, new septic reserve areas to replace the existing sewage disposal area to facilitate a new four bedroom house in place of the existing three bedroom house.

PERC. CHART	
Number	Elevation
1	485.79
2	479.63
3	482.45
4	486.79
5	488.95
6	486.48

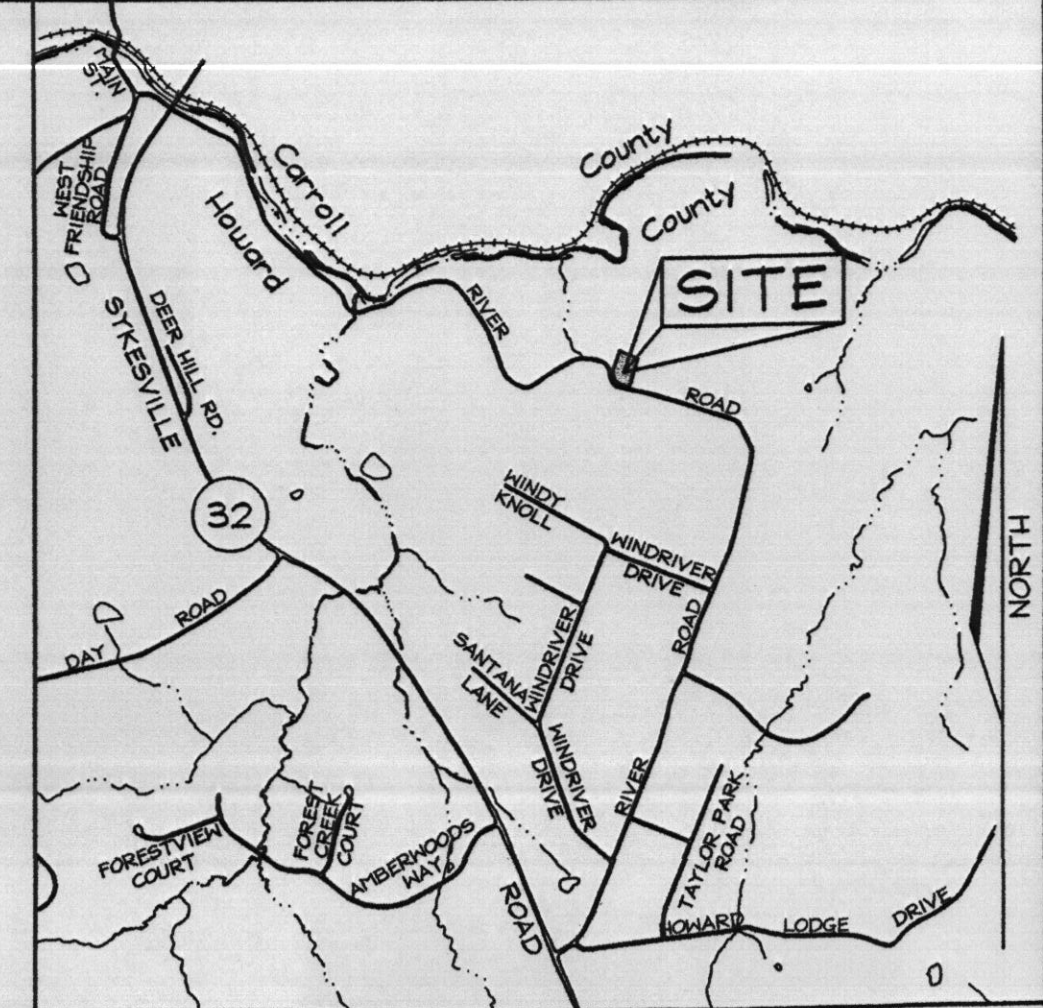
SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
GIB2	Glenela loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenela loam, 8 to 15 percent slopes, moderately eroded	B
HIIB2	Minor loam, 3 to 8 percent slopes, moderately eroded	B

LEGEND

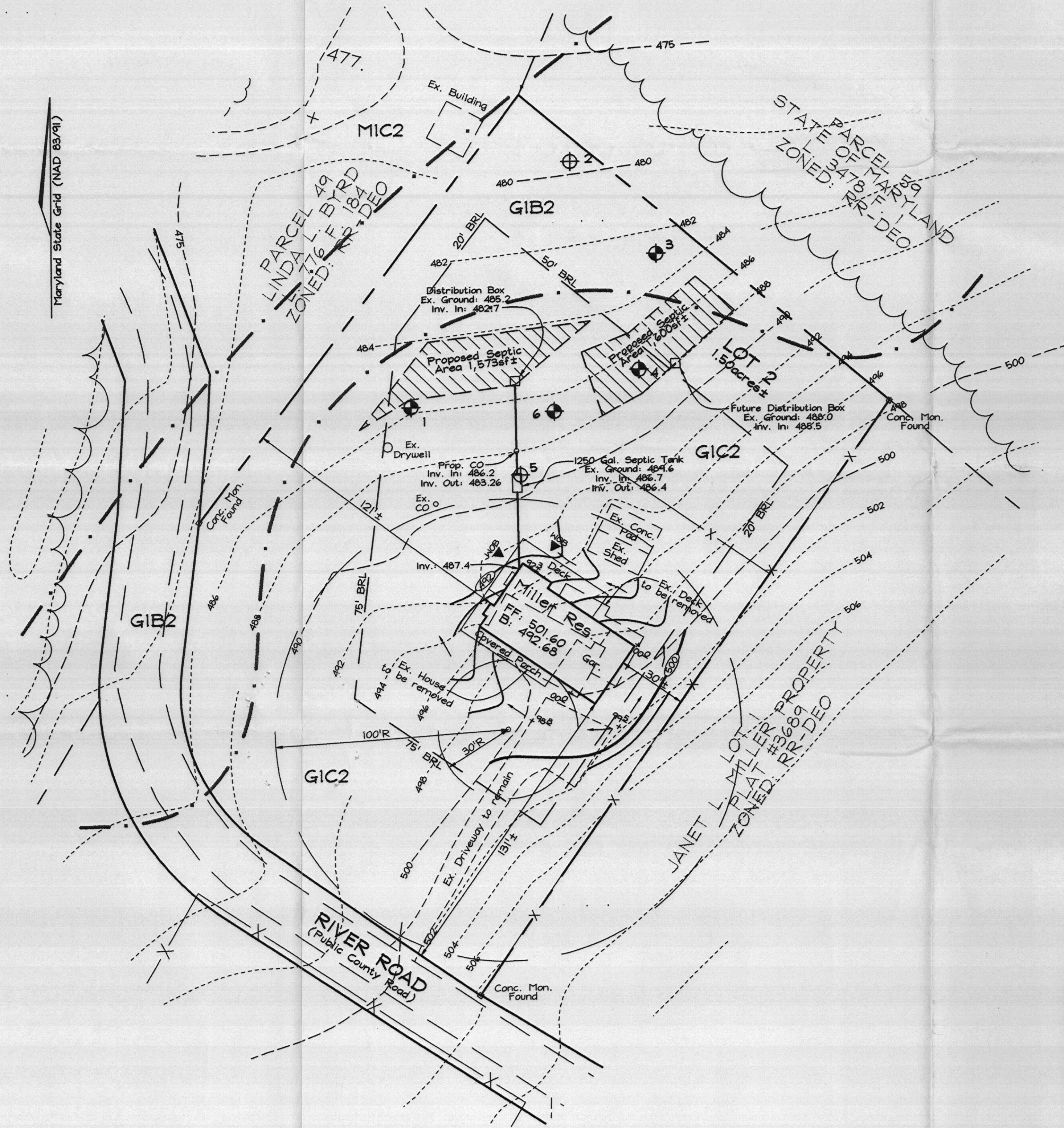
- Existing Contour
Proposed Contour
Existing Spot Elevation
Proposed Spot Elevation
Direction of Flow

Existing Trees to Remain

Walk Out Basement
Perc Test (Passed)
Perc Test (Failed)



VICINITY MAP
SCALE: 1"=2000'



OWNER/DEVELOPER
Mark and Laura Miller
625 River Road
Sykesville, Maryland 21784

PERCOLATION CERTIFICATION PLAN
PC 518540
Signed MILLER PROPERTY

TAX MAP 04 GRID 23
3RD ELECTION DISTRICT
PARCEL 98
HOWARD COUNTY, MARYLAND

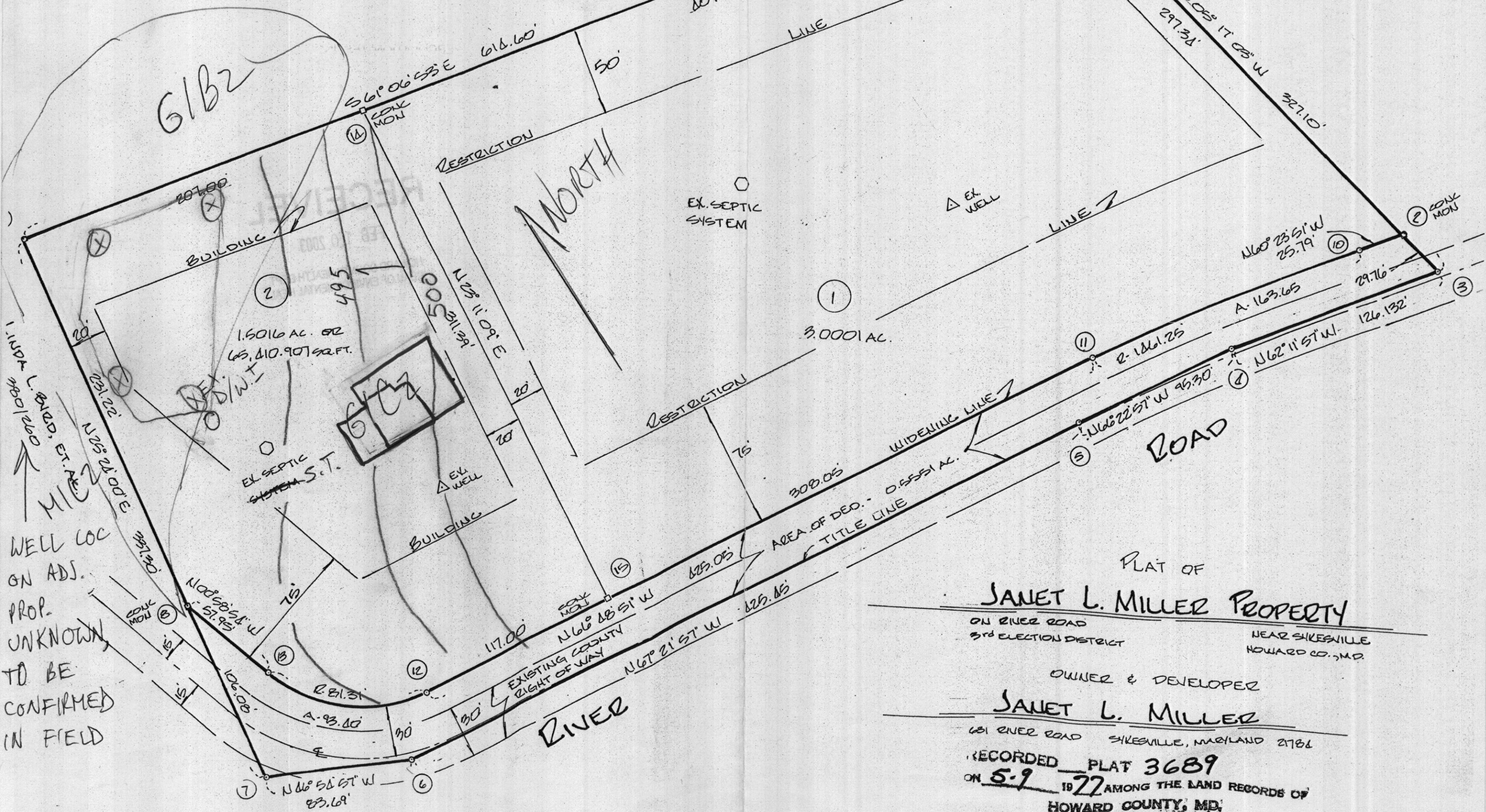


FSH Associates
Engineers Planners Surveyors
8318 Forrest Street, Ellicott City, MD 21043
Tel: 410-750-2251 Fax: 410-750-7350
E-mail: FSHAssociates@cs.com

DESIGN BY: PS
DRAWN BY: PS
CHECKED BY: ZTF
SCALE: 1"=30'
DATE: May 03, 2003
W.O. No.: 3176

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

DAVID A. REEDER
899/852



WELL LOC
ON ADS.
PROP.
UNKNOWN,
TO BE
CONFIRMED
IN FIELD

PLAT OF
JANET L. MILLER PROPERTY
ON RIVER ROAD
3rd ELECTION DISTRICT
NEAR SIKESVILLE
HOWARD CO., MD.

OWNER & DEVELOPER

JANET L. MILLER

681 RIVER ROAD
SYKESVILLE, MARYLAND 21786

RECORDED PLAT 3689
ON 5-9 1922 AMONG THE LAND RECORDS OF
HOWARD COUNTY, MD.

LEON A PODOLAK