

APPLICATION

PERCOLATION TESTING

A 502254

P _____

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

DISTRICT _____

DATE _____

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 Mario Mannarell

ADDRESS C/O Land Des + Development
12805 Hickory Ridge Rd PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Mary Reich

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Vineyards at Cattail Creek LOT NO. 3/16

ROAD AND DESCRIPTION Route 97

TAX MAP 21 PARCEL # 2,132,220 + 211

SIZE OF LOT 1 ± acres TYPE BLDG. SFD
(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.

Mary Reich
(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. # Vineyards at CC SP-96-11 DATE 2-28-96

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

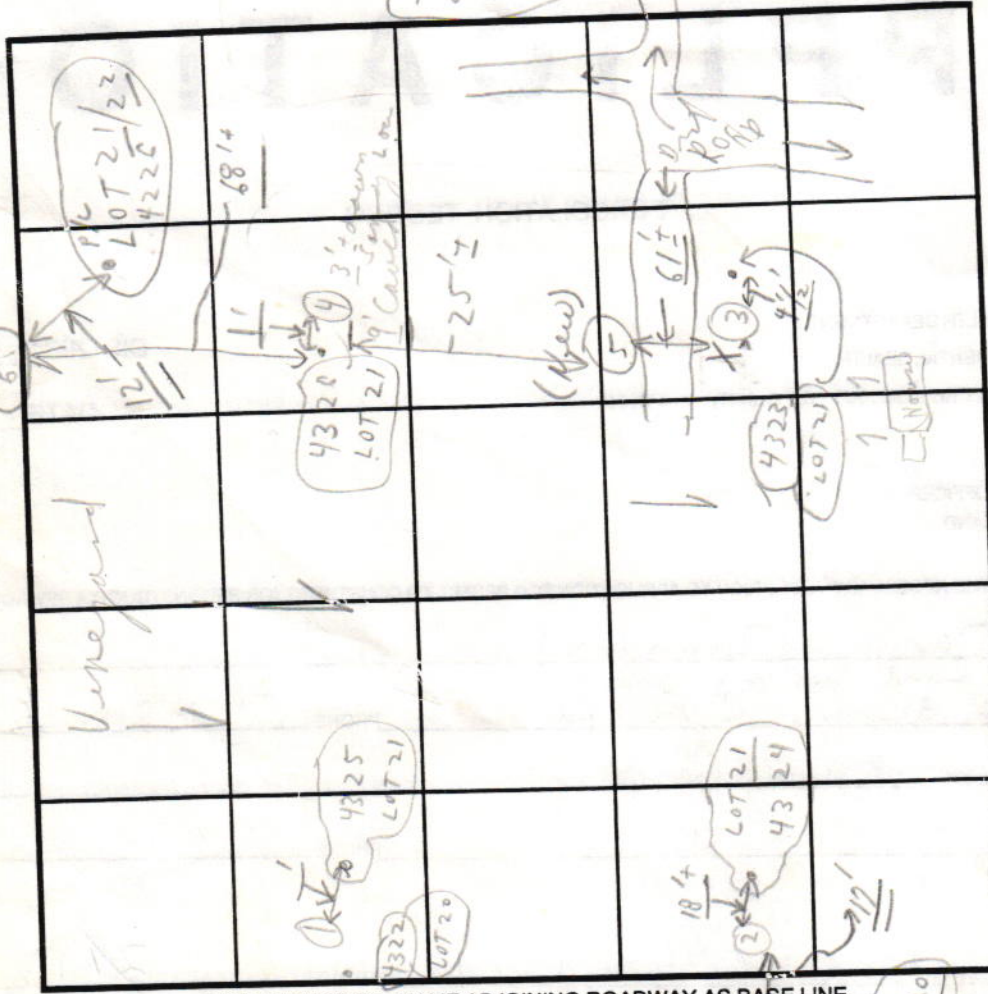
THIS IS NOT A PERMIT

No. AS02254

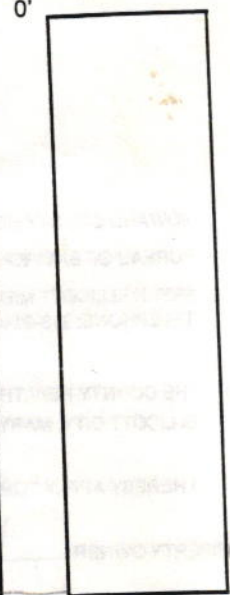
Now 22

COUNTY #
LOT 21
SOIL PROFILE

SOIL PROFILE



Medgeron



3/4"
Hole 5' tall see
New 6
4-8" clay 3:48
9" dry
LOAM Normal
3:35 / 3:39 / 3:45
5 1/2" 7 1/2"
6"

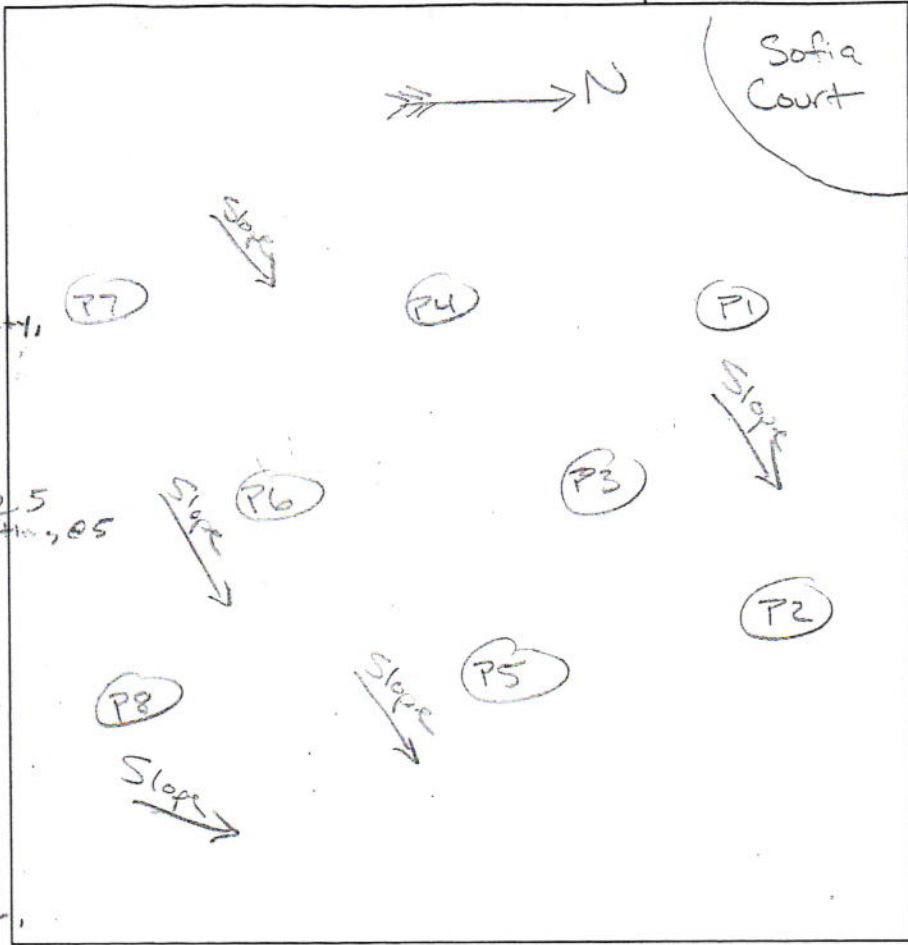
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/31/94	4325	'	:	:	:	:	
	LOT 20 4322	'					
	4324	5'-2"	1:39	1:42	:42	1:46	4"
	LOT 20 4319	11'	Water				
	4323	6 1/2'	Clay		X	X	X
	X	11'	Water		X	X	X
	4326	'	:	:	:	:	
		9'	(visual 0-3' 1/2 Clay 3'-9' Loam)				Test hole #6 higher
	5	5 1/2'	1:57	2:00	2:00	2:08	8"
	No test	11'-10"					dry loam above water 11'-10"

REMARKS (6) Tests in Vineyard
 TYPE OF SOIL Loam below clay
 TESTED BY C. Be ALSO PRESENT (Mark Reich + assoc.)
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

① definitely shallow system (Hold for wet season) or ③ Discusser with M. C. W.

AP _____



(P2)
 2' DB, Loam, to YB, SB, Loam
 3' YB, SCL, MFI, FS BK
 3' YB, Medium, Thin, Thin Platy, MFR, SL
 3.5' SB, MFR, Thin Platy, LS, Moist @ 5, Wet @ 7, Matting, OS
 9.5' Water Seeps Sand
 12'

(P5)
 0.5' DB, Loam
 2' SB, RY, SL, MFR, Thin Platy / FS BK
 10.5' very pale Brown, Thin Platy, MFR, LS/S
 11' Block Matting, Washed soil, grey white Tiger Matting, Water Seeps, Hard Bottom

(P6)
 1' DB, Loam
 1' SB, FSRK, MFI, SIL
 3' YB, FSRK, MFR, FSL
 3.75' YB, FSRK, MFR, LFS
 9' Moist
 18' Matting

(P6)
 0.75' DB, Loam
 2' SB, Thin Platy, MFI, Loam
 3' SB, Thin Platy, MFR, SL/LC, slight compaction, Ten, Sand, Thin Platy
 ↓

(P3)
 1' DB, Loam
 2.5' SB, FSRK, MFR, Loam
 5' SB, RB, MFI, Thin Platy, SCL/LC, 10%-20% Cobble
 7' SB, YB, Platy, MFI, SIL/SIL, Thin Sil, slightly comp.
 12' Water Seeps

(P4)
 Same as P3
 (P3)
 No water seeping in (P4)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
5/8/20	P2	12	OBSERVATION					F
	P5	10	OBSERVATION					F
	P6	4 / 13	10:36	11:10	Turned		F	
	P6	3.5 / 14	11:20	11:27	11:35	8	F	
	P4	7 / 13	12:54	1:26	1:53	1HR	?	
	P3	12	OBSERVATION					F

REMARKS Recently Rained, Tested during wet season
 SANITARIAN RSF BACKHOE _____ OTHERS TC (Eng)
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Vineyards @ Cottail Creek
 Lots 31 1/2 32

AP/

P7

1' DB, Loam
 YB, YR, MFI
 Thin Platy
 Loam / CL

2' Red, very
 dense, FSBK,
 MVFI SiL

4' YB, Red
 Platy, MFR,
 SiL

4.5' Red, YB,
 Thin Platy
 SL, MVFR

5' YB, Thin Platy
 LS, MVFR

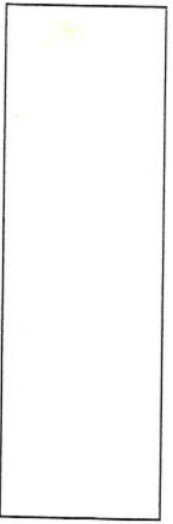
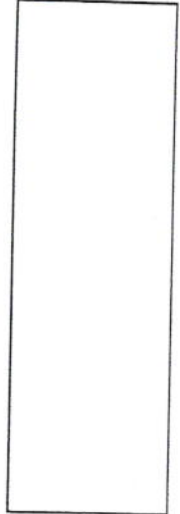
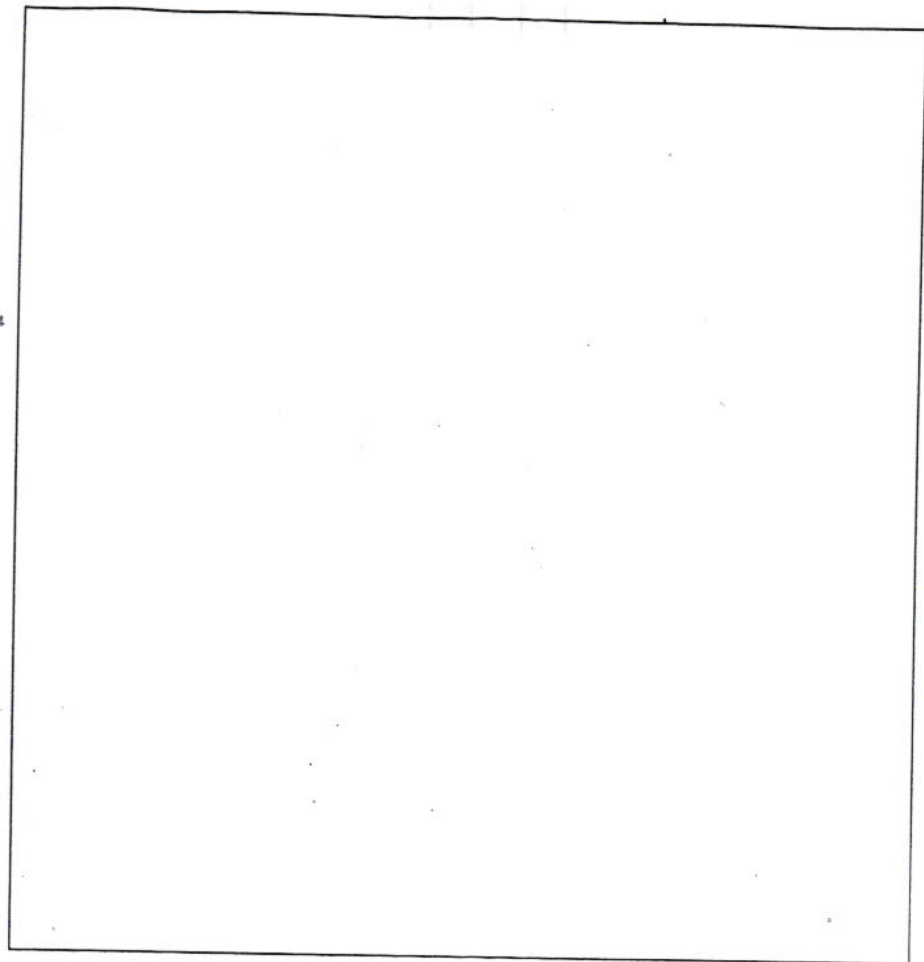
P1

1' DB, Loam
 SB, FSBK,
 MFR, SL

3' SB, YB, Thin
 Platy, MVFR,
 LS to sand



12'

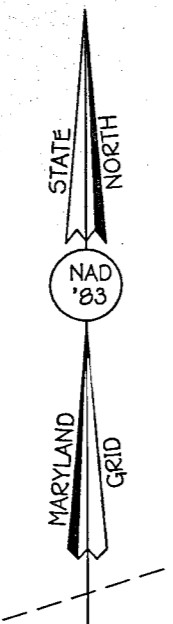


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/8/20 24	P7	7 13	1:35	1:40	1:44	4	P
↓	P1	4 12	2:10	2:18	2:28	10	P

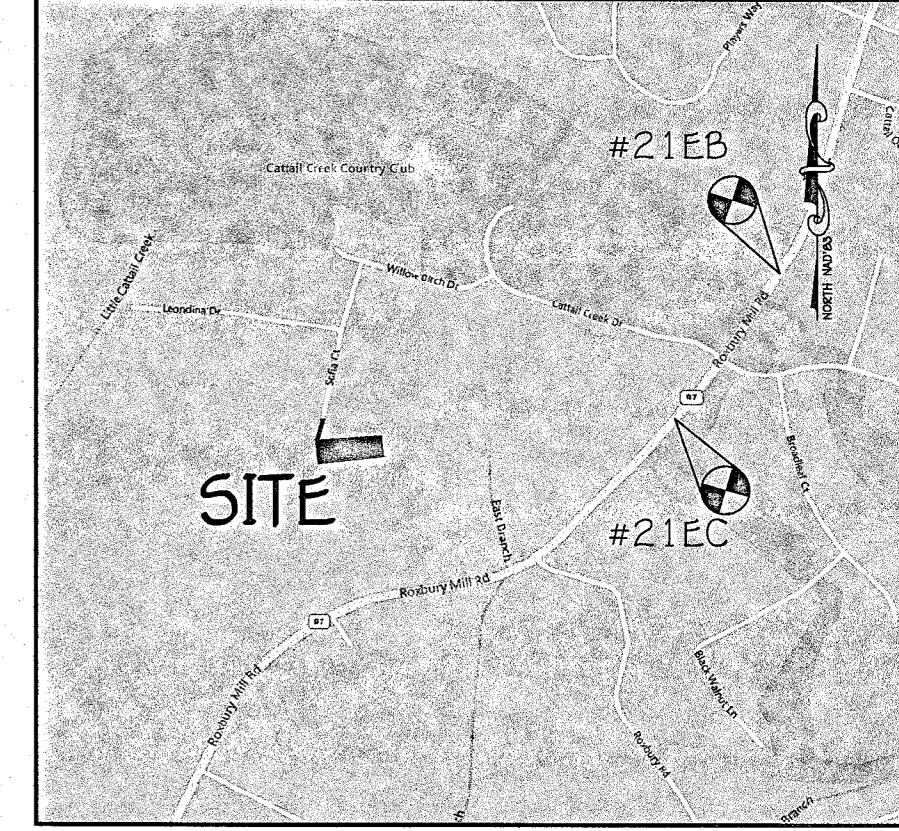
REMARKS Recently Rained, Tested during wet season
 SANITARIAN RSF BACKHOE _____ OTHERS FCC (Eng)
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Vineyards @ Cattail Creek
 Lots 31, 32

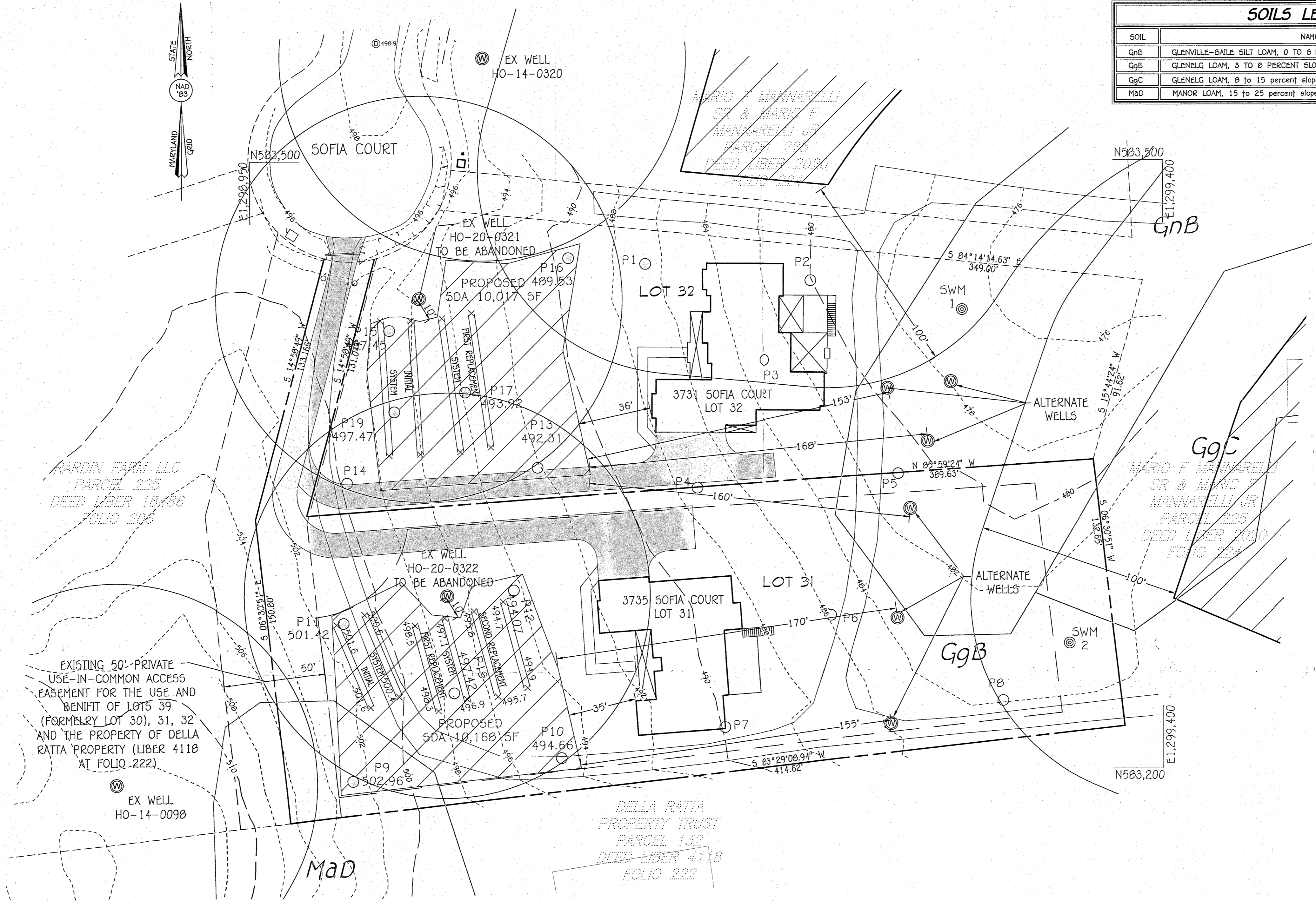
2022



SOILS LEGEND				
SOIL	NAME	K FACTOR	HSQ	
GnB	GLENVILLE-BAILE SILT LOAM, 0 TO 8 PERCENT SLOPES	0.49	C	
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	0.37	B	
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	0.43	B	
MAD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	0.32	B	



VICINITY MAP
SCALE: 1" = 1200'



LEGEND

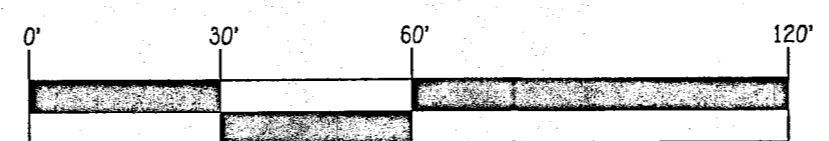
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- GLB2, MLC2 SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊙ DENOTES OBSERVATION WELL
- ⊙ DENOTES ALTERNATE WELL SITE
- ▨ DENOTES PROPOSED SEWAGE DISPOSAL AREA

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA 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 DISPOSAL AREA. RECORDATION OF A REVISED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEWAGE DISPOSAL AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. LOCATION OF ALL NEIGHBORING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AS WELL AS ALL WELLS OR PROPOSED WELL SITES WITHIN 200 FEET DOWN GRADIENT OF THE SEPTIC DISPOSAL AREA.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN WAS FIELD VERIFIED BY FISHER, COLLINS AND CARTER, INC. IN MARCH 2024 AND IS SUPPLEMENTED WITH THE COUNTY GIS DATA.
7. BOUNDARY BASED ON FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS AND CARTER, INC. ON OR ABOUT JULY 1989.
8. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. PROPOSED WELLS WITHIN 300' OF AN UPGRADE SEPTIC DISPOSAL AREA WILL REQUIRE A WAIVER APPROVED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
10. THE SEPTIC FOR LOTS 31 AND 32 SHALL REQUIRE A BAT SYSTEM AND LPO SYSTEM.
11. MDE has approved a variance to allow the wells on lots 31 and 32 to be damaged of the SDAs on lots 31 and 32 subject to the following conditions:
 - a. The OSDs on lots 31 and 32 will utilize BAT units
 - b. The wells on lots 31 and 32 will be constructed using steel casing to a depth of 50' or 10' into competent bedrock, whichever is deeper.

PLAN

SCALE: 1" = 30'



SCALE: 1" = 30'

THE PURPOSE OF THIS PERCOLATION RE-CERTIFICATION PLAN IS TO REVISE THE EXISTING PERCOLATION CERTIFICATION PRIVATE SEPTIC DISPOSAL AREA TO REFLECT THE APPROVED SDA LOCATIONS AND NEW WELL LOCATIONS. THE PREVIOUSLY APPROVED WELLS HO-20-0321 AND HO-20-0322 ARE TO BE ABANDONED.

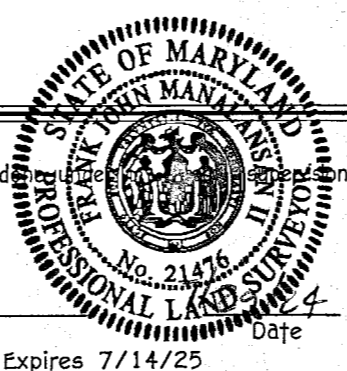
PERCOLATION RE-CERTIFICATION PLAN

**3735 & 3731 SOFIA COURT
LOT 31 AND 32**

ZONING: RC-DEO
TAX MAP No. 21 GRID No. 8 PARCEL No. 225
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: JULY 25, 2024
SHEET 1 OF 1

PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations and are correct to the best of my professional knowledge and belief.

Frank Manalansan II
Signature of Professional Land Surveyor
Frank Manalansan II, Professional Land Surveyor No. 21476 Expires 7/14/25



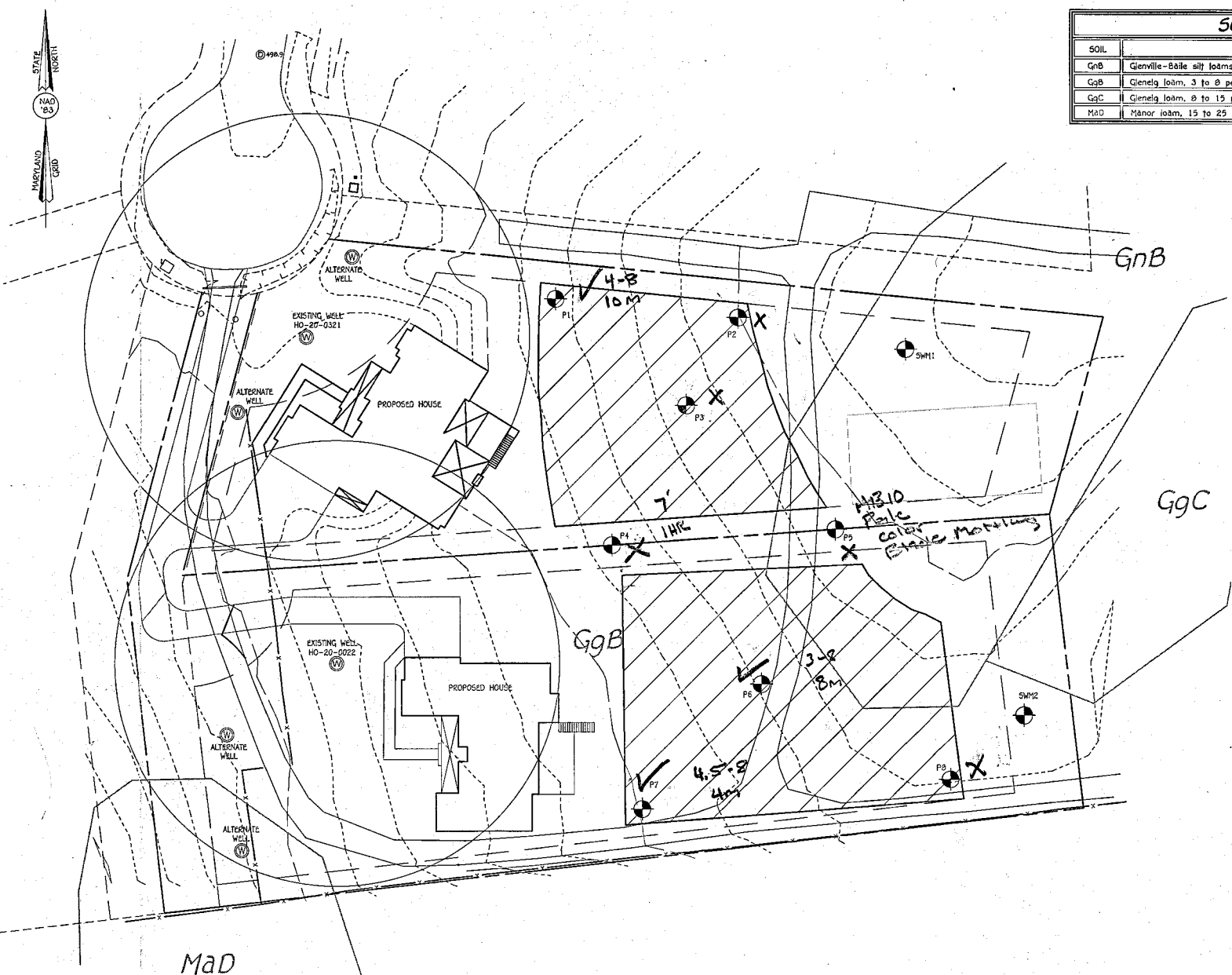
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

[Signature]
COUNTY HEALTH OFFICER

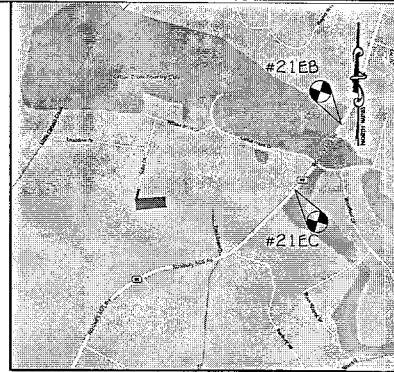
8/22/24
DATE

OWNER / DEVELOPER
Philip J. Roethlis & Julie A. Freischlag
3735 Sofia Ct
Glenwood, Md 21738

L:\2024\4025 Sofia Ct (2735), Lot 31\Engineering\DWG\Per Plan Lots 31 and 32\Per Plan Lots 31 and 32.dwg, 5/27/2024 3:55:31 PM, DWG To PDF.plt



SOILS LEGEND		
SOIL	NAME	CLASS
GnB	Glenville-Bale silt loams, 0 to 8 percent slopes	.49 C
GgB	Glenelig loam, 3 to 8 percent slopes	.37 B
GgC	Glenelig loam, 8 to 15 percent slopes	.43 B
MaD	Manor loam, 15 to 25 percent slopes	.32 B



VICINITY MAP
SCALE: 1" = 1200'

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- ⊕ DENOTES PROPOSED PERC/TEST PIT
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊙ DENOTES ALTERNATE WELL SITE
- ▨ DENOTES PROPOSED SEWAGE DISPOSAL AREA

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF 10000 SQFT OR IF PERC TO MARCH 1972, AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL AREAS. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL RECEIVE WASTE AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDED OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEWAGE DISPOSAL AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. LOCATION OF ALL NEIGHBORING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AS WELL AS ALL WELLS OR PROPOSED WELL SITES WITHIN 200 FEET DOWN GRADIENT OF THE SEPTIC DISPOSAL AREA.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS COUNTY GIS DATA.
7. BOUNDARY OUTLINE SHOWN IS COUNTY GIS DATA.
8. ANY CHANGES TO A PRIVATE SEWERAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

PLAN

SCALE: 1" = 30'



SCALE: 1" = 30'

PERC PLAN

3735 & 3731 SOFIA COURT
LOT 31 AND 32

ZONING: RC-DEO

OWNER / DEVELOPER

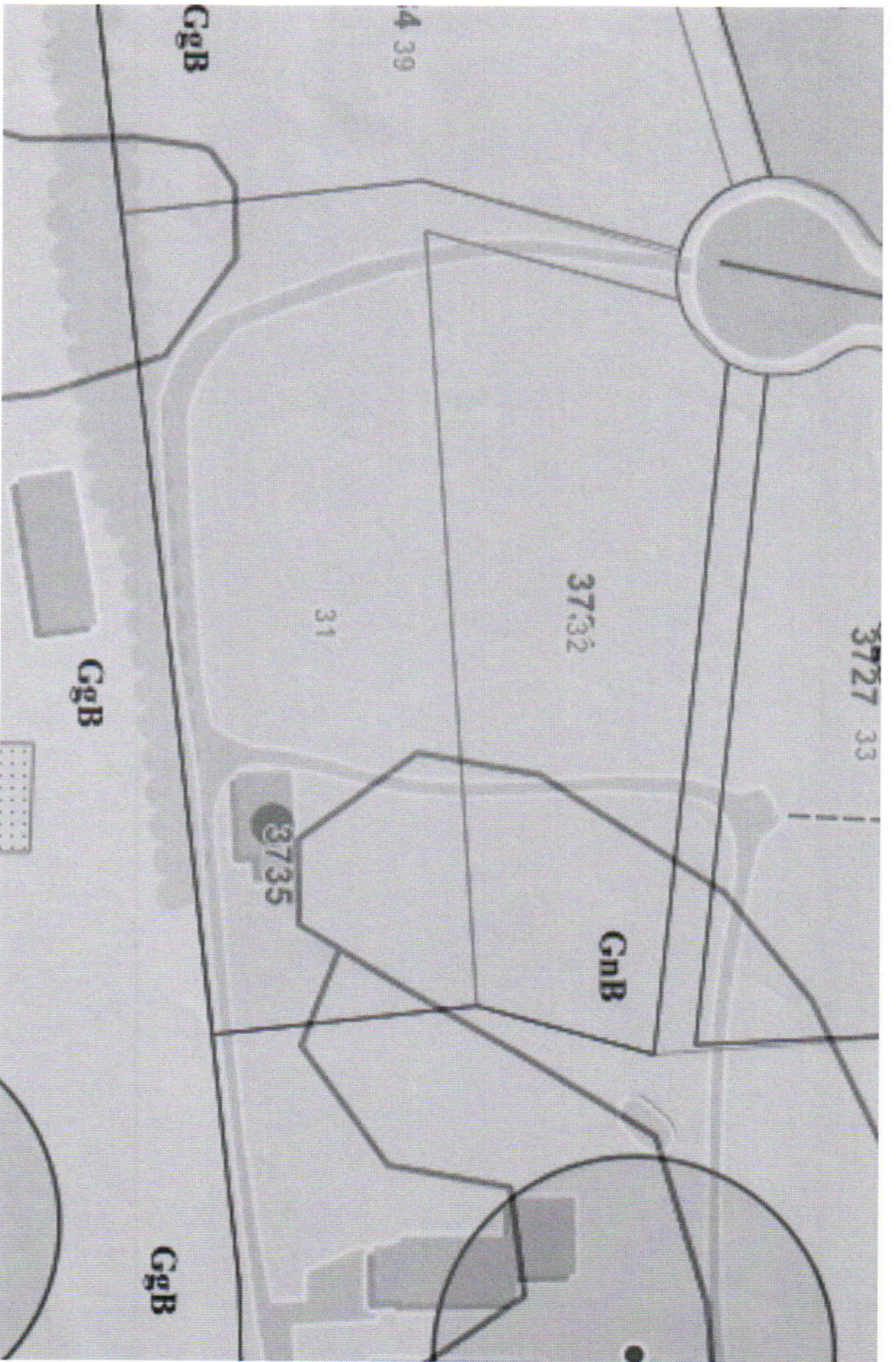
Philip J. Roehle & Julie A. Freischlag
3735 Sofia Ct
Glenwood, Md 21739

TAX MAP No. 21 GRID No. 8 PARCEL No. 225

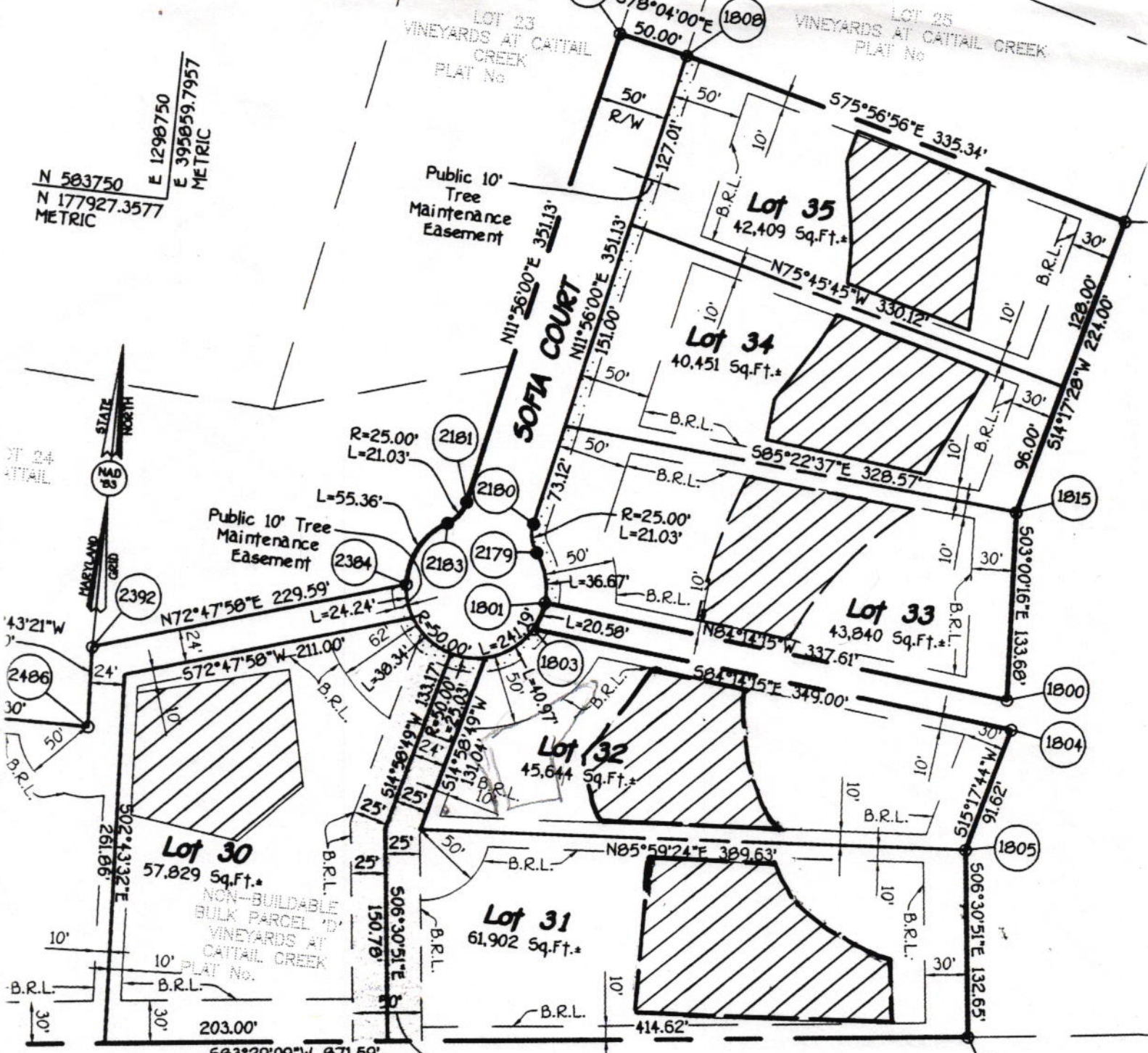
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: MAY 2, 2024

SHEET 1 OF 1

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
1272 BALDWIN WINDSOR PARK
ELLSWORTH CITY, MARYLAND 21142
(410) 461-2295



N 583750
 N 177927.3577
 METRIC
 E 1298750
 E 395859.7957
 METRIC



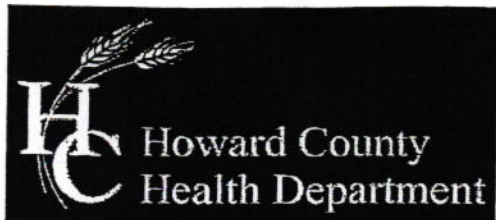
50' Private Use-In-Common Access Easement For The Use And Benefit Of Lots 30, 31, 32 And The Property Of Della Ratta Property Trust Recorded In Liber No. 4118, Folio 222

PROPERTY OF
 DELLA RATTA PROPERTY TRUST
 LIBER No. 4118, FOLIO 222

F-00-67

DEVELOPER
 NARELLI, SR.
 NARELLI, JR.
 177 CIRCLE
 MARYLAND 21043

OWNER'S CERTIFICATE
 Narelli, Jr., Owners of



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 3731 Sofia Ct.

Subdivision: Vineyards @ Cattail Creek Lot: 32

All Holes

Table with 4 columns: System Type, Application rate, Effective area beginning depth, Bottom maximum depth. Rows include Initial system, 1st Replacement, and 2nd Replacement.

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

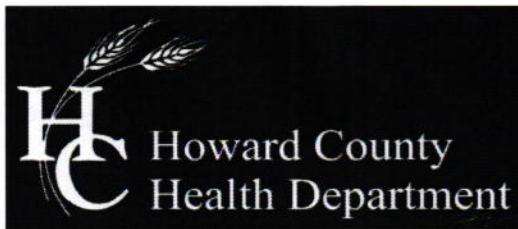
Standard design requirements:

- Trenches must be located to provide room for 3 systems in the disposal area
All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements:

-BAT Required Only via Variance
Downgrade well MDE
Variance Conditions TBD

Approved: RSF Date: 6/27/2024



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

Date: June 26, 2024

To: Fisher Collins & Carter
10272 Baltimore National Pike
Ellicott City, MD 21042

Re: Vineyards at Cattail Creek, Lots 31 & 32
3735 & 3731 Sofia Court
Glenwood 21738
Percolation Test Report

Percolation tests were conducted at 3735 & 3731 Sofia Court (Tax Map 21, Parcel 225) during the wetseason on 5/8/2024 and 6/11/2024. Tests and profile descriptions were documented for locations P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, & P19. Out of 19 test locations, 13 passed (P1, P6, P7, P9, P10, P11, P12, P13, P15, P16, P17, P18, & P19).

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil conditions. The area must be at least 10,000sqft and large enough to fit 3 systems. The next step in the process is to have an engineer/consultant submit a finalized percolation certification plan to the Health Dept. for review and signature.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-6357 or by email rfreemon@howardcountymd.gov

Respectfully,

A handwritten signature in black ink, appearing to read 'Robert Freemon'.

Robert Freemon
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes

AP

P18

1.7' DB, Loam, Platy, MFR

YR, YB, Thin Platy, SBK, SL, slightly dense siltstone, MFR, some sand pockets from decaying sandstone/quartz, 2% Rx

↓

15'

P10

1' DB, Loam, to SB, FSDK, Loam, slightly dense siltstone

2.2' YB, Thin Platy, MFR, SL/LS

↓

12'

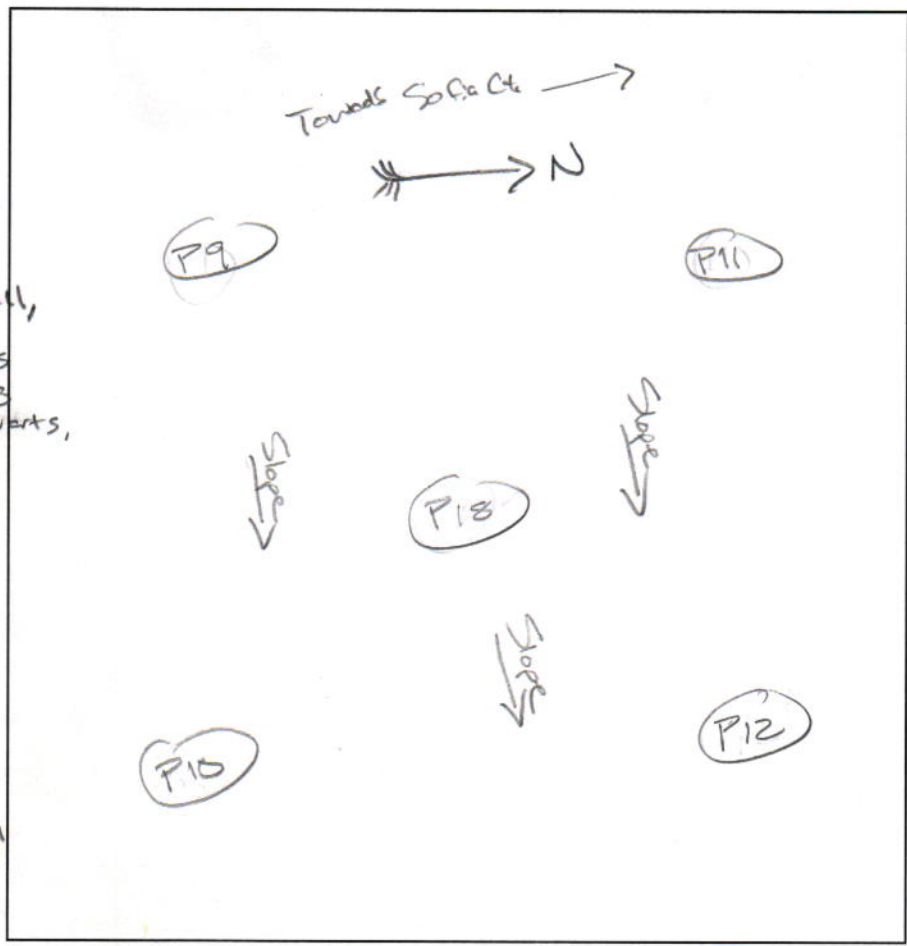
P12

0.75' DB, Loam, RB, SB, SBK, MFR, Loam, 5-10% chert

2' YB, Thin Platy, MFR, SL/LS

↓

11' Compacted sandstone



P11

0.5' DB, Loam

2.5' LPS, FSDK, MFR, SL

3' YB, SB, Platy, MFR, LS

↓

12'

P9

1' DB, Loam

4' YB, SBK, MFR, SL

YB, Red, SBK, MFR, LS/sand

↓

12'

10-15% sandstone siltstone Rx some boulders

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/11/2024	P18	4 / 13	10:29	10:34	10:40	6	P
	P10	4 / 12	10:57	11:02	11:08	6	P
	P12	5 / 11	11:25	11:27	11:32	5	P
	P11	4 / 12	12:44	12:45	12:48	3	P
	P9	4 / 12	13:04	13:06	13:09	3	P

REMARKS Tested during wetseason

SANITARIAN RSF BACKHOE Candle Excavating OTHERS FCC, Builder

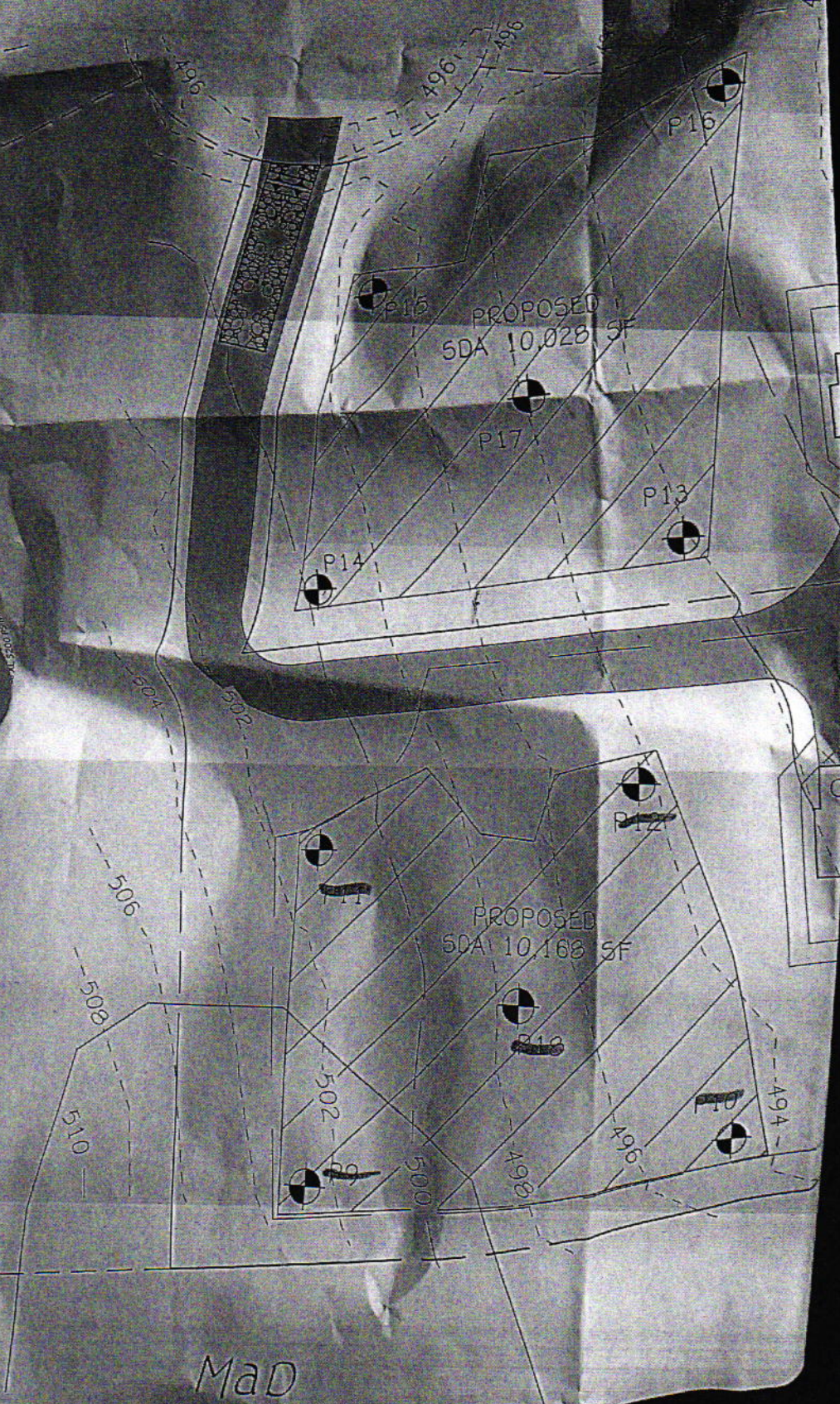
TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Vineyards @ Cattail Creek
Lots 31 & 32

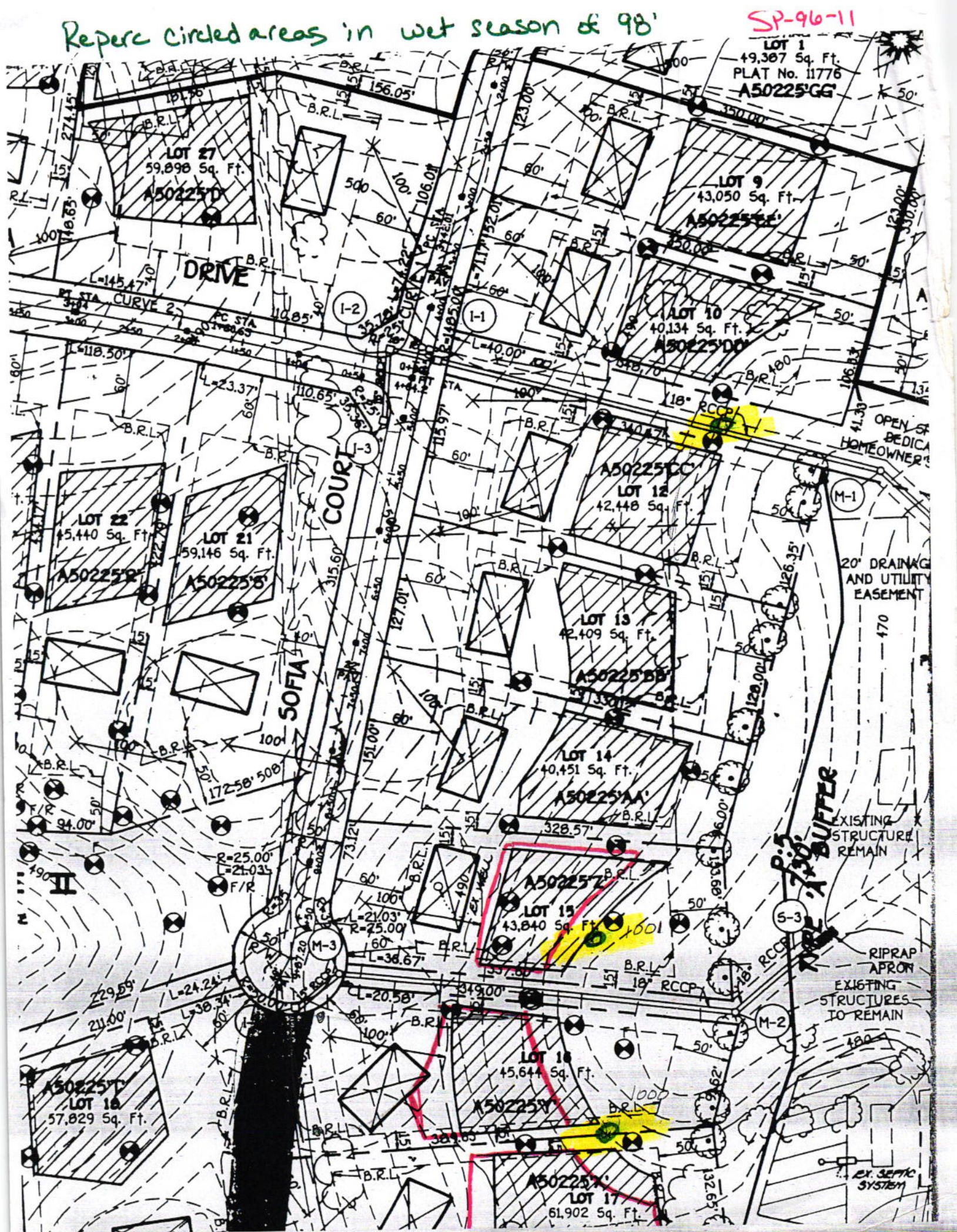
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MaD



Reperc circled areas in wet season of '98'

SP-96-11



APPLICATION

PERCOLATION TESTING

A 50225

P _____

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

DISTRICT _____

DATE _____

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 Mannarelli

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Land Design & Development

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Vineyards @ Cattail Creek LOT NO. 15-16-17

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

COUNTY #

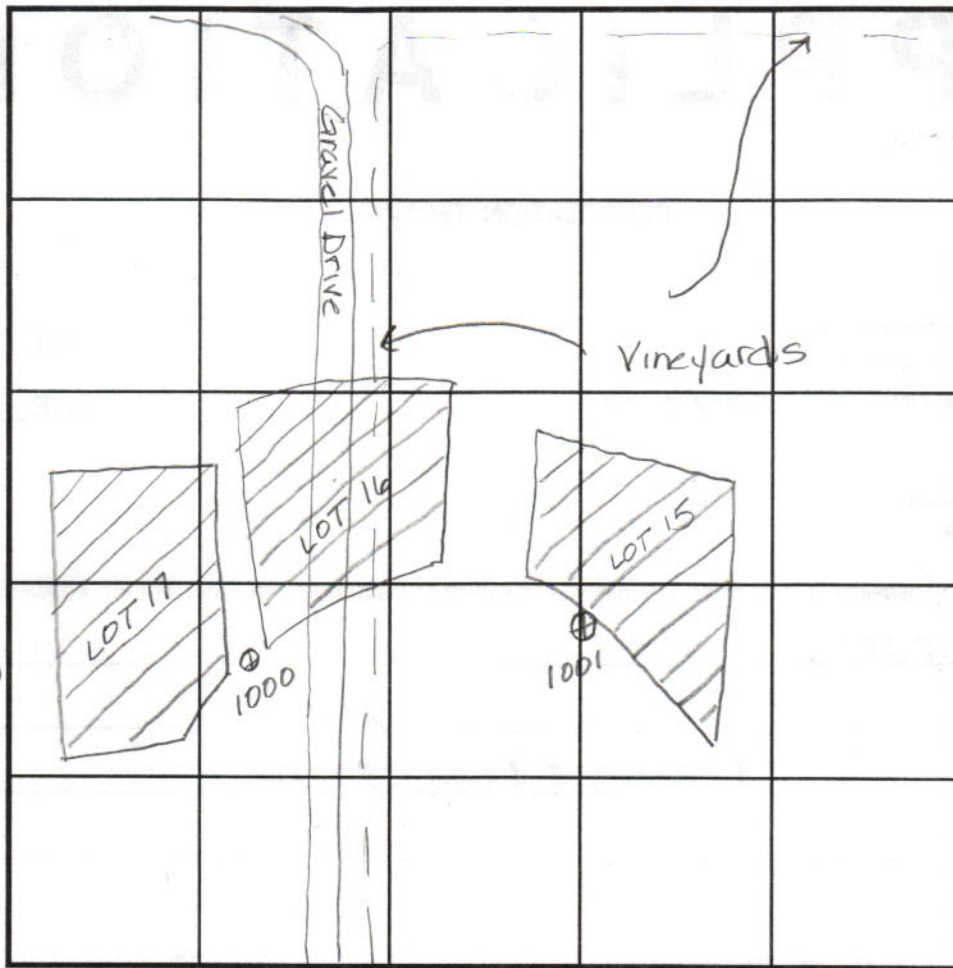
SOIL PROFILE

0' 1000
 8" topsoil
 dark red brown silty
 3.0 lgt beige silty
 6.5 dull mottled silty mg dep. grey, or mottles water @ 9.0
 11.0

1001

like 1000 water at 10.0 mottling at 9.0

12.0



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-27-98	1000	Visual to 11.0 - insufficient depth to H ₂ O - see profile					OK
	1001	Visual to 12.0 - see profile					OK

REMARKS adjust SDA uphill

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3.0

INLET DEPTH 1.5 MAXIMUM BOTTOM DEPTH 3.0 SQ. FT./BEDROOM 180