

3/23/01
10:00

APPLICATION

PERCOLATION TESTING

A 514989

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 410-313-2640

DISTRICT _____

DATE 3/19/01

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 Greenfield Homes, Inc.

ADDRESS 6656 Luster Drive, Highland, MD 20777 PHONE 410-781-6782

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Washington Rd., Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

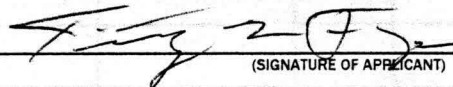
SUBDIVISION Buell Property LOT NO. 3

ROAD AND DESCRIPTION 11789 Frederick Rd., Ellicott City, MD 21042

TAX MAP NO. 16 PARCEL # 283

SIZE OF LOT 6.83 TYPE OF 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.


(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

109/109/110

topsoil

org brn
clm

pale
org tan
sil m

5-10%
rock

101

topsoil

org brn
clm

pale
org tan
sil m

Water seepage
Water

SOIL PROFILE

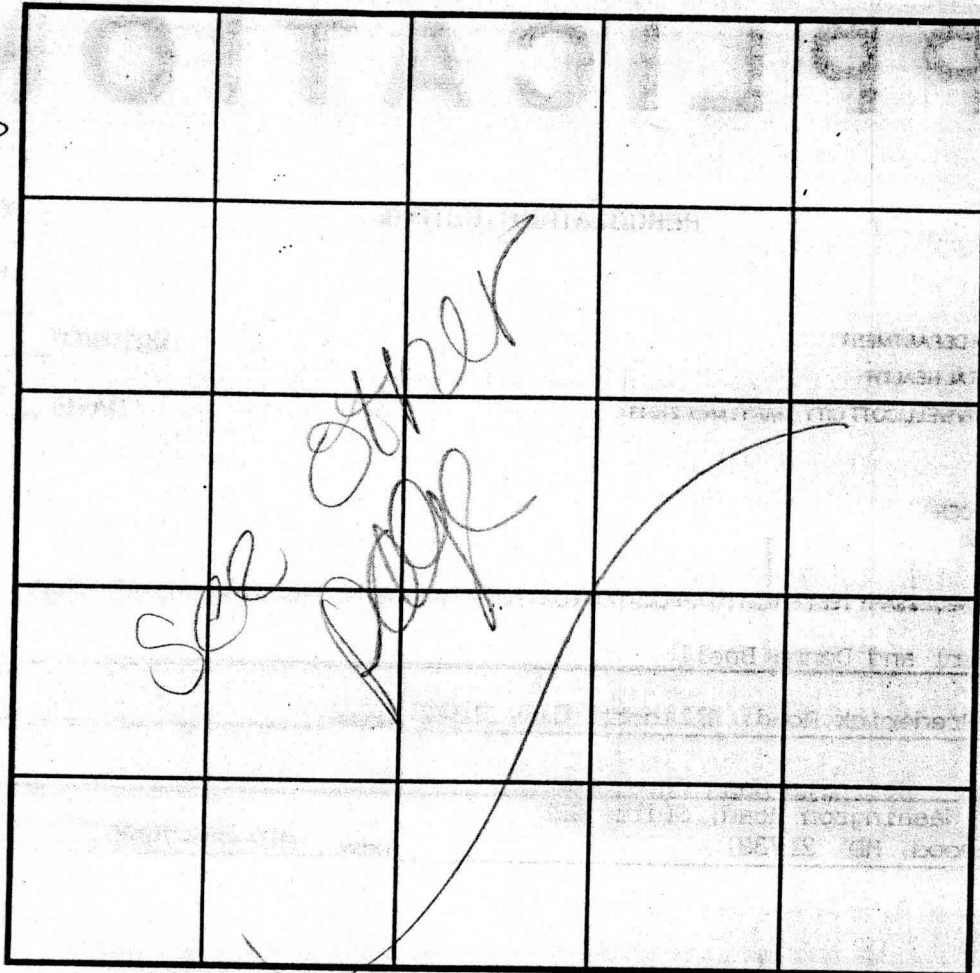
111/112

topsoil

dk
red brn
clm

pale-
org brn
sil m

5-10%
rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-14-00	109	12.0'D	Visual	- see profile			OK
	108	12.5'D	Visual	- see profile			OK
	113	9.5'D	Water	Seepage			FAIL
	112	12.0'D	Visual	- see profile			OK
	101	11.5'D	Water	seepage			DO NOT USE
	(111)	3.0'S	11:19 ₃	11:21 ₃	11:21 ₃	11:29	(B)
		12.0'D	Visual	- see profile			OK
	(110)	12.0'D	Visual	- see profile			OK

REMARKS test holes staked by developer @ time of testing

TYPE OF SOIL

TESTED BY DK

ALSO PRESENT C. Lynn T. Feagles

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH 3

INLET DEPTH 2.5

MAXIMUM BOTTOM DEPTH 4.5

SQ. FT./BEDROOM

-SHALLOW SYSTEM ONLY-

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LOCAL MAP NO. 16 PARCEL # 283

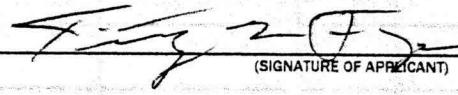
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SHOULD PENDING FURTHER TESTS _____

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

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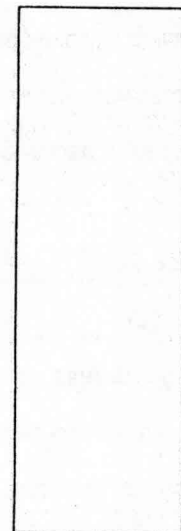
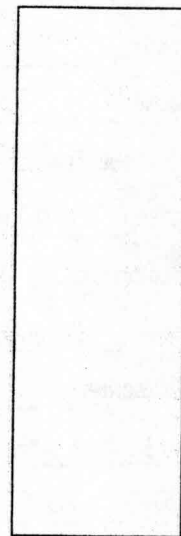
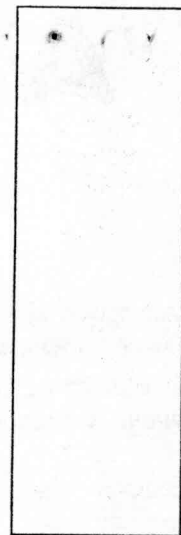
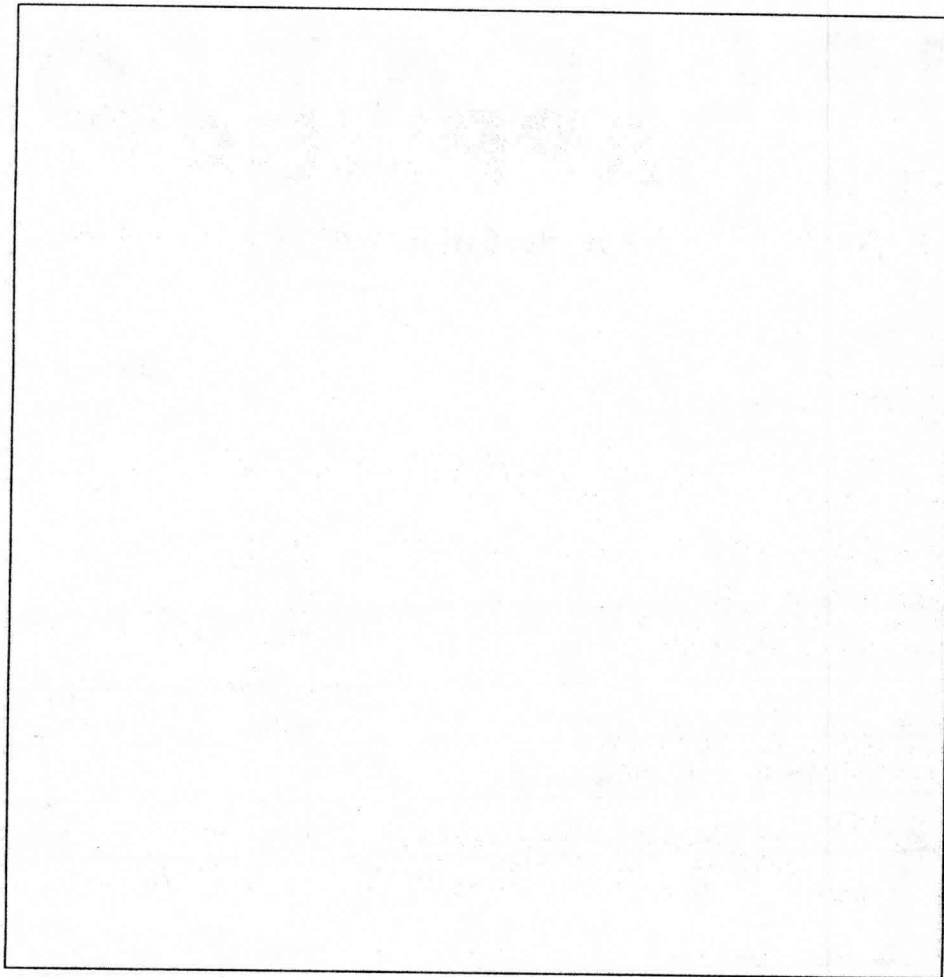
A/P

114

TOPSOIL

DK
RED BROWN
CL LOAM

PALE
ORG BROWN
SI LOAM
5-10%
ROCK



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/4/00	114	3' VIZ	VISUAL	OK			

REMARKS _____

SANITARIAN DKC BACKHOE _____ OTHERS _____

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

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

T1
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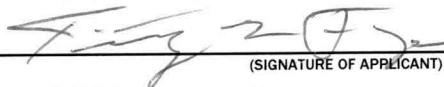
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THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 114
 ✓ topsoil
 ✓ red brn sil
 3' sil
 4' Hard brn sil
 to med brn sil
 5' 9% rock

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	
3-23-01	114	14.0' D	Visual	- see	profile		OK

REMARKS hole tested as staked

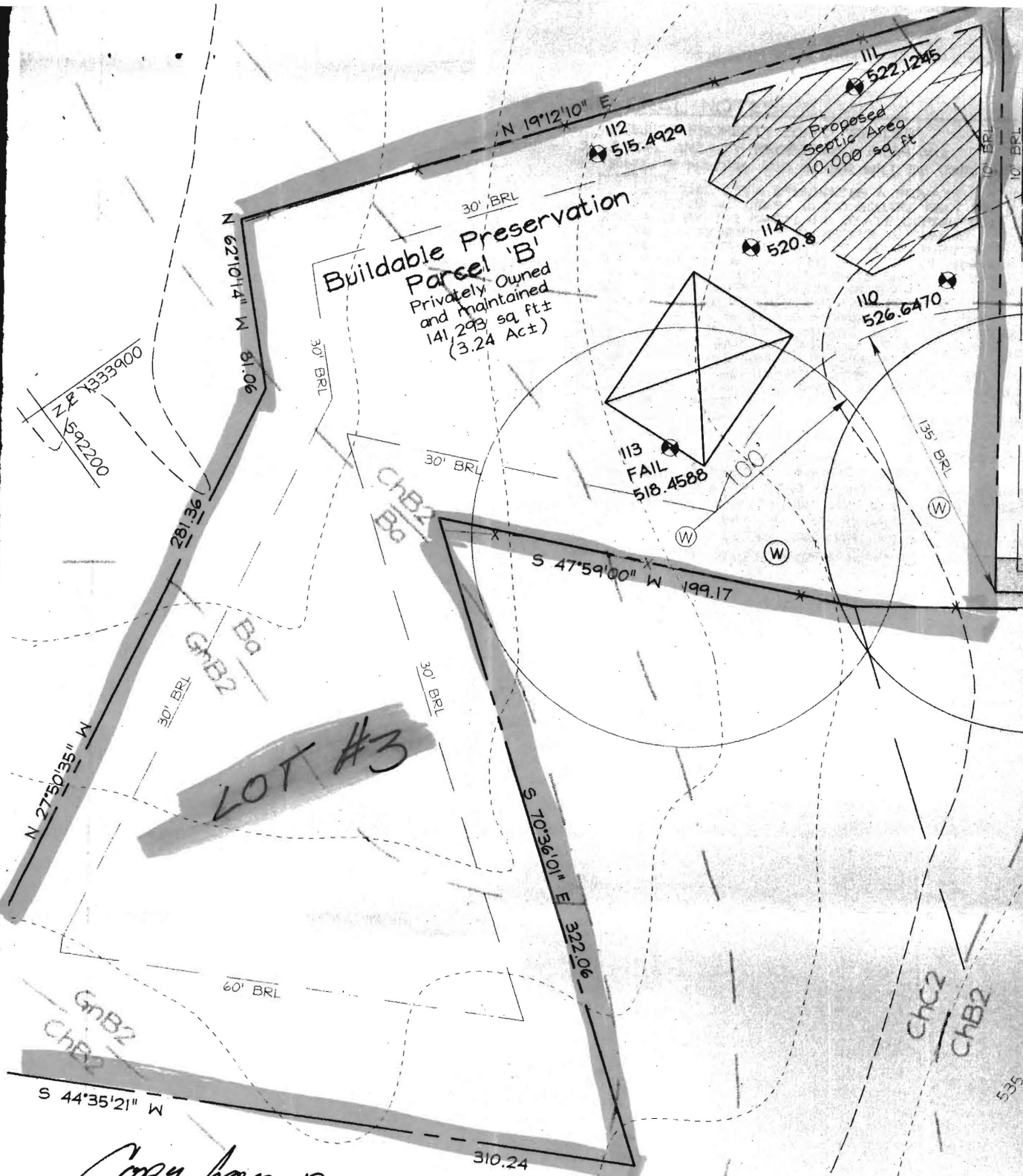
TYPE OF SOIL _____

TESTED BY DKC

ALSO PRESENT C. Zepp, T. Feaga

TRENCH DESIGN DATA: AVG. PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

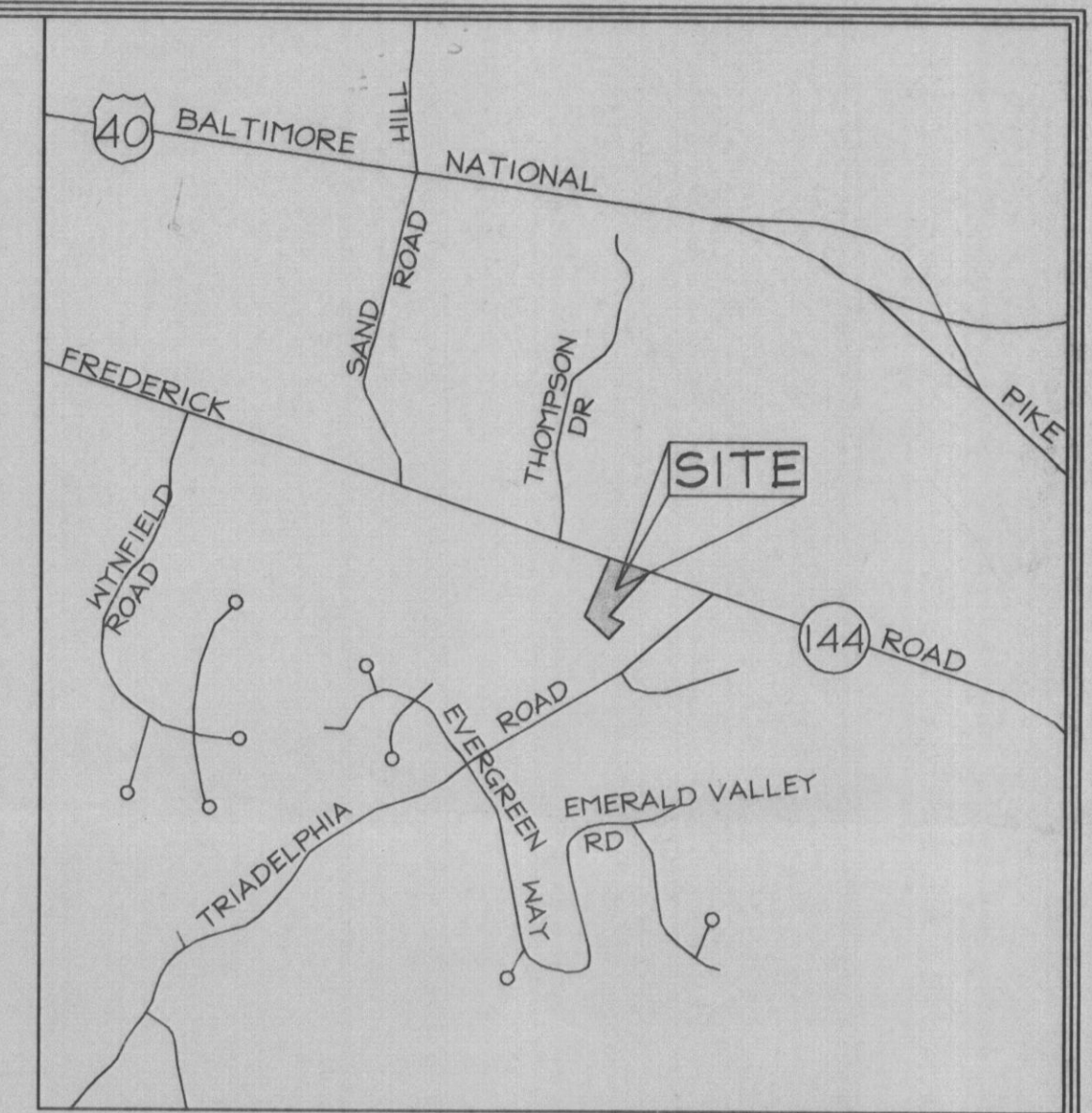


Copy from previous CERT PLAN DATED 4/5/2009
 REDUCED 75% FROM ORIGINAL.
 FA 9/8/03

SOILS LEGEND		
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Ba	Baltimore silt loam	D
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
ChC2	Chester silt loam, 8 to 15 percent slopes, moderately eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C

LEGEND

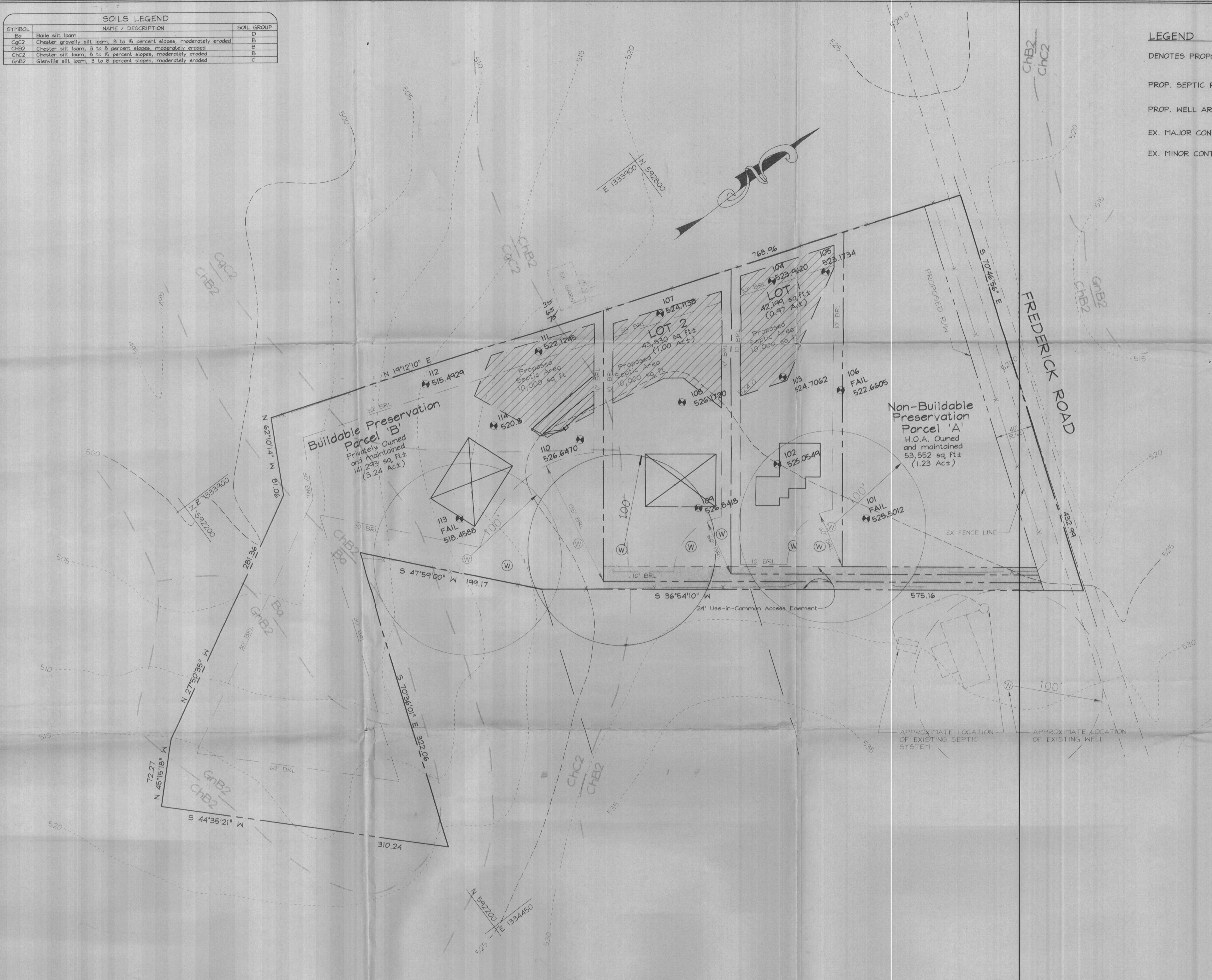
- DENOTES PROPOSED HOUSE
- PROP. SEPTIC RESERVE AREA
- PROP. WELL AREA
- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

- SUBJECT PROPERTY ZONED "RR-DEO"
- TOTAL AREA OF PROPERTY = 6,839 sq. ft.
- PRIVATE WATER, AND SEWER WILL BE USED WITHIN THE PROJECT.
- THIS AREA DESIGNATES A PRIVATE EASEMENT OF AT LEAST 10,000 SQUARE FEET 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 EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL WELLS AND SEPTIC FIELDS WITHIN 100' OF PROPERTY'S BOUNDARY HAVE BEEN SHOWN WHERE PERTINENT.
- THE SEPTIC FIELDS ARE LOCATED ON SOIL TYPE ChB2 AND CgC2 AS PER THE SOIL SURVEY OF HOWARD COUNTY.
- ALL PERCOLATION TEST HOLES AND THEIR ELEVATIONS HAVE BEEN FIELD LOCATED BY C.B. MILLER AND ASSOCIATES, REGISTERED LAND SURVEYOR EXCEPT HOLE #114, BY FSH ASSOCIATES.
- TOPOGRAPHY BASED ON HOWARD COUNTY 1993 AERIAL TOPOGRAPHIC SURVEY
- WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF RECORD PLAT FOR SIGNATURE.



PLAN
SCALE: 1" = 50'

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

DEVELOPER
HERITAGE LAND DEVELOPMENT
3060 WASHINGTON ROAD, RTE 97
SUITE 200
GLENWOOD, MD 21738

OWNER
CARL AND DONNA BUELL
11805 FREDERICK ROAD
ELICOTT CITY, MD 21042

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Dr. M. M. [Signature]
COUNTY HEALTH OFFICER
4/16/01
DME



**PERCOLATION
CERTIFICATION PLAN
BUELL PROPERTY**

TAX MAP: 16 PARCEL: 283
ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: APRIL 05, 2001
DRAWN BY: M.L.T./P.S. CHK'D BY: Z.F.
SHEET 1 OF 1