

1/3/03
7:00

APPLICATION

PERCOLATION TESTING

A518028-B

P _____

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

DISTRICT _____

DATE 12/17/2002

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 Carl & Donna Buell 11789 Frederick Road.

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER GREENFIELD HOMES c/o WAYNE GREENFIELD

ADDRESS 6656 LUSTER DRIVE HIGHLAND MD. 20777 PHONE (410) 781-6782

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION FREDERICK ROAD (next To 11779 on EAST SIDE)

TAX MAP 16 PARCEL # 273

SIZE OF LOT 3.7 Ac. 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.

Feckaria J. Fisch (agent)
(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' ALL HOLES

bright
orange red
brn
dk orange
silt lm
or hvysilt lm

5-6

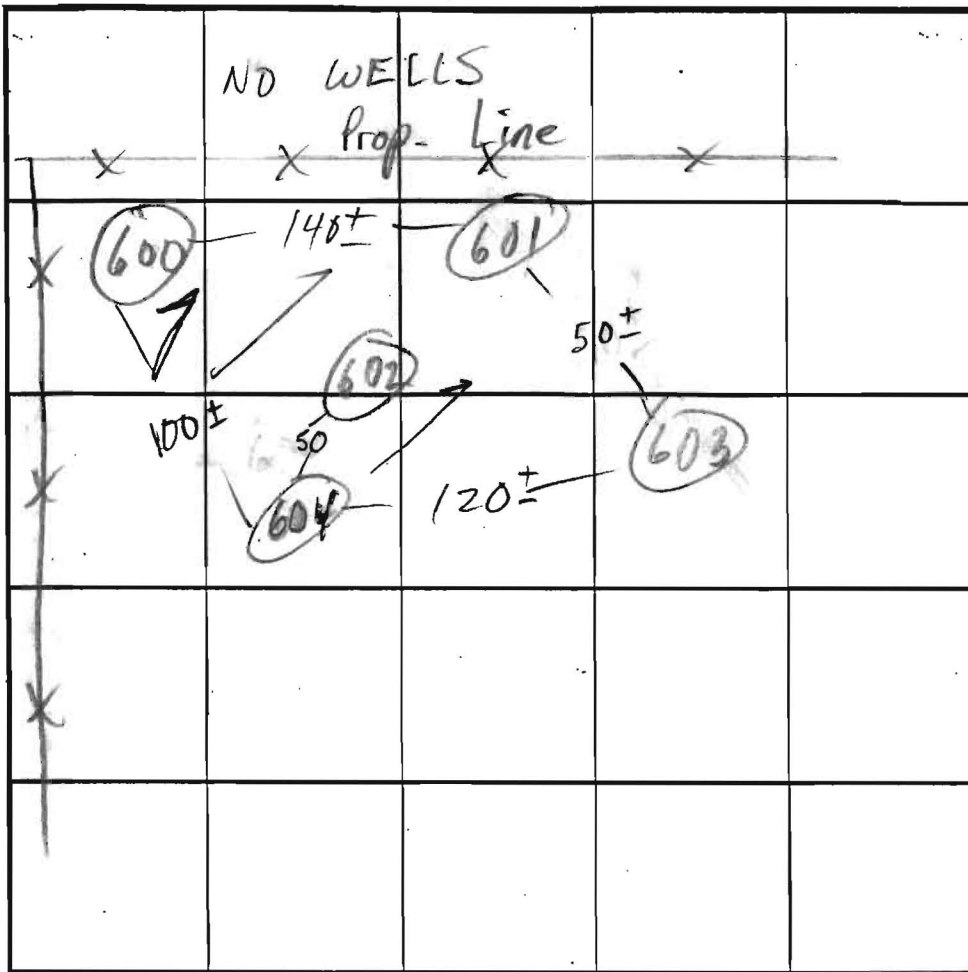
tan
beige
lt. orange
silt lm

12-13

10% frags

NO WELLS

Prop. Line



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. FRED RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/13/03	600 V	12 1/2	see profile				
	602 S	6 1/4" / 8 1/2" / 12 1/2"	2:39	2:41	2:41	2:46	5
	602 M	8 1/2" / 12 1/2"	2:28	2:39	2:39	2:41	2
	603 S	6 1/2" / 8 3/4" / 12 3/4"	2:57	3:02	3:02	3:14	12
	603 M	8 3/4" / 12 3/4"	2:54	2:56	2:56	2:58	2
	604 S	5 3/4" / 8 3/4" / 12 9"	2:26	2:40	No DROP		
	604 M	8 3/4" / 12 9"	2:25	2:27	2:27	2:29	2
	604 S ₂	6 1/2"	2:43	2:46	2:46	2:49	3
	600 V	13	see profile				

REMARKS ALL HOLES PER PLAN

TYPE OF SOIL

TESTED BY M. Riskin

ALSO PRESENT Fogle's, Greenfield

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4

TRENCH WIDTH 3

INLET DEPTH 5

MAXIMUM BOTTOM DEPTH 7

SQ. FT./BEDROOM 180

SOILS LEGEND

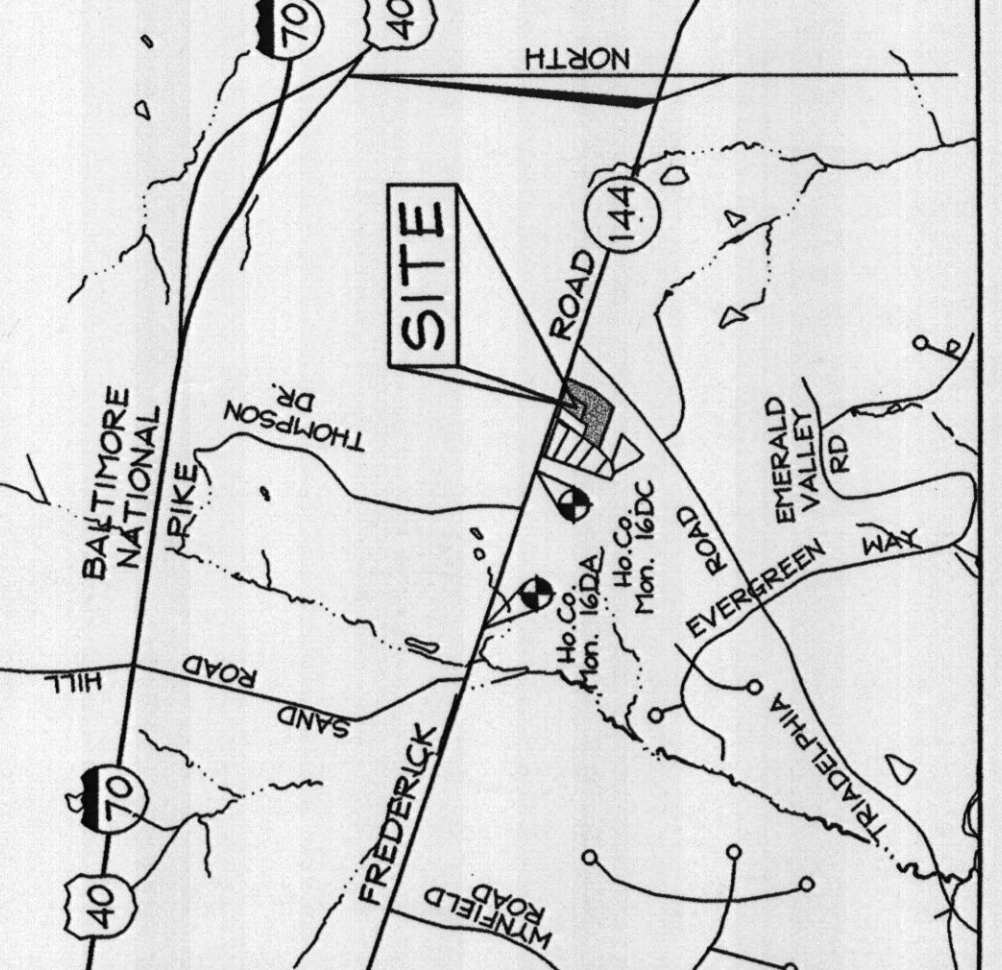
SYMBOL	NAME / DESCRIPTION	SOIL GROUP
Bg	Belle silt loam	D
Ch2c	Chesapeake silt loam, 8 to 15 percent slopes, moderately eroded	B
Ch2b	Chesapeake silt loam, 3 to 8 percent slopes, moderately eroded	B
Ch2a	Chesapeake silt loam, 3 to 8 percent slopes, moderately eroded	B
Ch2	Chesapeake silt loam, 3 to 8 percent slopes, moderately eroded	B

GENERAL NOTES

1. Subject property zoned RR-DEC per 10/18/98 Comprehensive Zoning Plan.
2. Total area of property = 5.6076 Ac.
3. Private water, and sewer will be used within this site.
4. **WARNING:** This area designates a private sewage reserve area as required by the Maryland nature in this area are restricted until public sewage is available. These reserve areas shall not have the authority to grant adjacent property owners the right to install a private sewage disposal system on adjacent properties within 100' of proposed wells and Howard County Soil Map #14.
5. All wells and septic systems on adjacent properties within 100' of proposed wells and Howard County Soil Map #14.
6. Septic fields are located on soil types ChB2 and ChC2, as per the soil survey of Howard County.
7. Existing well has been properly abandoned by a licensed well driller.
8. There are no steep slopes on site.
9. Proposed septic area at the front of Parcel 275 (bordering Frederick Road) is to serve Parcel 275. The septic system installed in this area is to be recorded in the Land Records of Howard County prior to issuance of a well permit for Parcel 75.

PERC. CHART

Number	Elevation
600	558.21
601	551.36
602	551.75
603	551.75
604	551.06
605	551.06
606	551.06
607	551.06
608	542.28
609	542.28
610	538.06
611	538.06
612	543.37
613	543.37
614	547.63
615	546.53



LEGEND

- Existing Contour
- Existing Septic Area
- Proposed Septic Area
- Prop. Well (Passed)
- Prop. Well (Failed)
- Proposed House



PERCOLATION CERTIFICATION PLAN
BUELL/GREENFIELD
PARCELS 75 AND 275

DESIGN BY: FSH
DRAWN BY: TRT
CHECKED BY: ZTT
SCALE: 1"=50'
DATE: March, 9, 2008
F.S.H. No. 1001
M.O. No. 1001
SHEET No. 1 OF 1

PARCELS 75 & 275
HOWARD COUNTY, MARYLAND
3RD ELECTION DISTRICT

FSH Associates
Engineers Planners Surveyors
2818 Forest Drive
Baltimore, MD 21204
Tel: 410-528-1200
Fax: 410-528-1200
www.fshassociates.com

PC 514642

OWNER
Curt M. Buell and Donna M. Buell
Elliott City, Maryland 2042

DEVELOPER
GREENFIELD HOMES, Inc.
4444 Lister Drive
Highland, Maryland 20777

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

HEALTH OFFICER: HR DATE: 3/19/08

Well could not be visually found for Parcel 194