

# APPLICATION

PERCOLATION TESTING

A 516045  
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 Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350  
Adamstown, MD 21710

AGENT OR PROSPECTIVE BUYER Benchmark Engineering Inc.

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105  
Ellicott City, MD 21043  
Suite 418

PROPERTY LOCATION:

SUBDIVISION Susan Moxley Property LOT NO. 15

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road  
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± 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.

*Mak. S. Moxley*  
(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

516045

COUNTY #

SOIL PROFILE

(37) / (38)

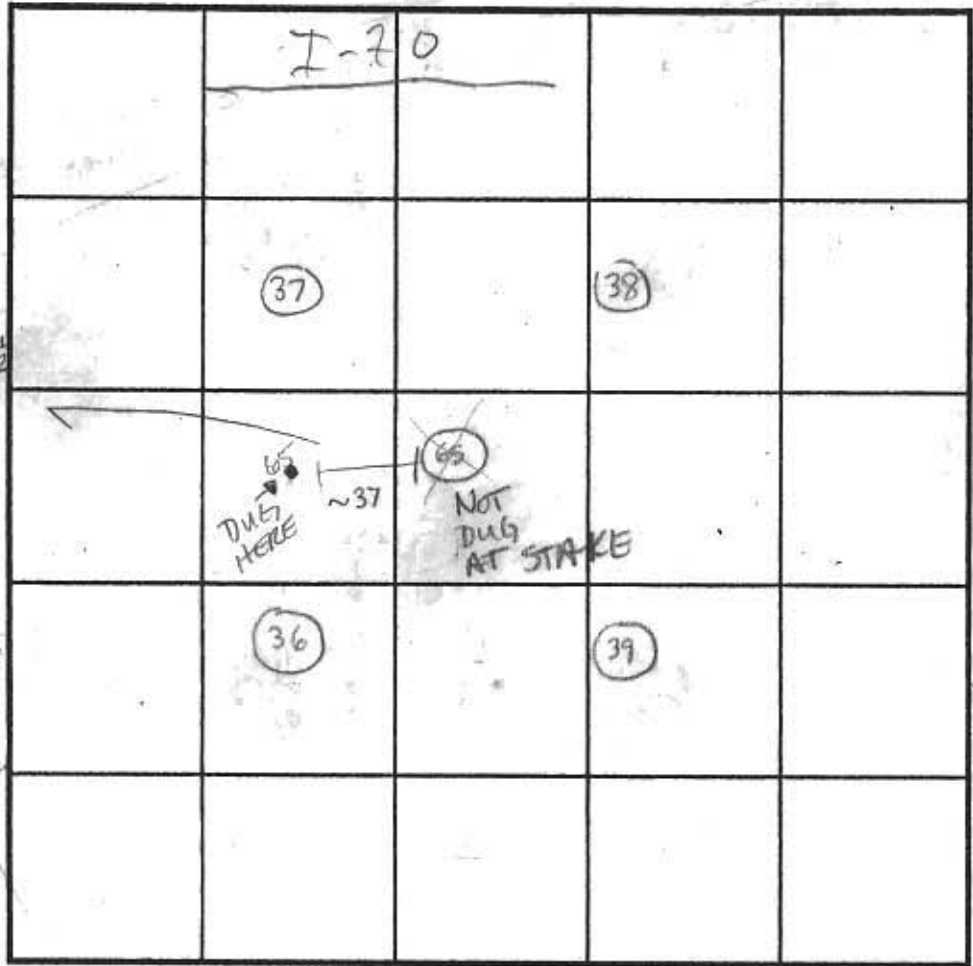
0' brown topsoil 18" 11  
 rdbrn micaceous CLM 10R5/6 Trace Rock 5 1/2 - 6 1/2  
 SLm 2.54R5/4 Strong brn Rock 5-10% Bottom 14 1/2

(39)

Granula Topsoil 2 1/2  
 Brn Pink Transition s. CLM 3 1/2  
 Pink SLm Rock Frag ~15-20% Bottom 15'

(36)

68" brown topsoil  
 red-brn clay loam 5-8% Rock 7-7 1/2  
 light-brn yellow sandy clay loam 15-20% Saprolite/rock mix Bottom 14 1/2



SOIL PROFILE

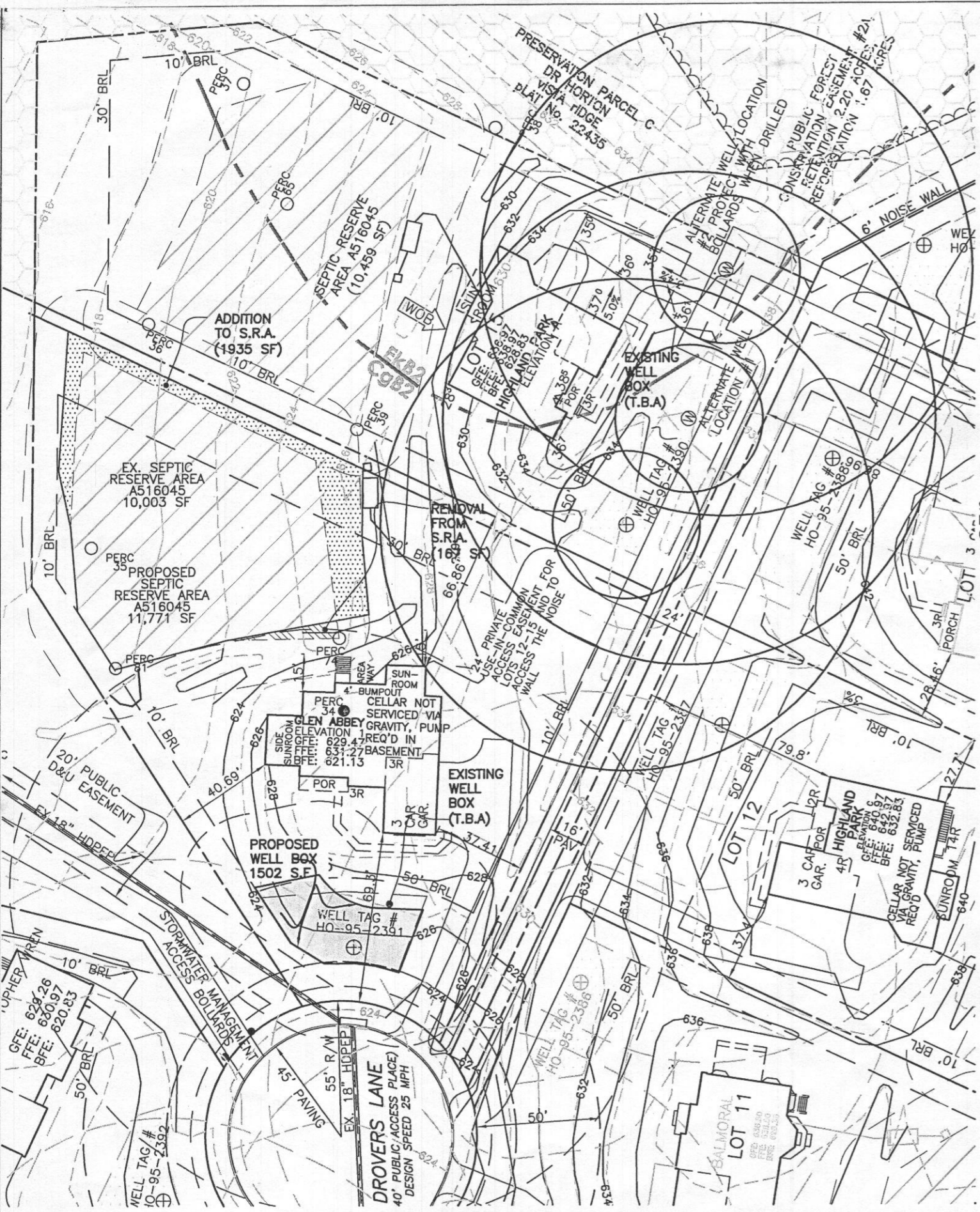
(65)

0' TOPSOIL 18" 11  
 DENSE RD Citoc. Brown CL-CLM Trace Rock 5 1/2  
 well 7' North Side  
 weak red Sand-Sand Lm Rock ~5% Bottom 13 1/2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/5/01	38	6'5" S	2:57	3:02	3:02	3:12	10min
		15'D					OK
(center) aka 7068	65	7'5"	3:30	3:33	3:33	3:36	3min
		13 1/2'D					OK
	37	5 1/2'S	2:45	2:48	2:48	2:54	6min
		14 1/2'D					OK
	36	7 1/2'S	3:21	3:33	3:33	3:44	11min
		14 1/2'D					OK
	39	6'5"	3:10	3:12	3:12	3:15	3min
		15'D					OK

REMARKS ±37' from 7068 (aka 65) stake HOLES PER PLAN EXCEPT #65  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Goedeking / Kries ALSO PRESENT C. Sperry  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



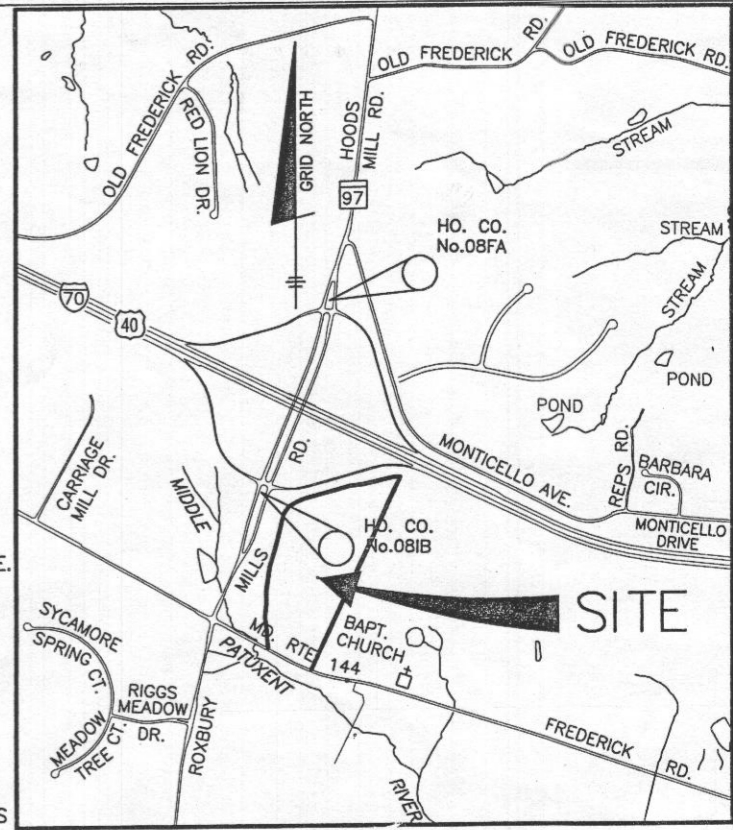
PLAN VIEW  
1" = 50'

**GENERAL NOTES**

- 1.) THE LOT SHOWN HEREON COMPLIES 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 ADJUSTMENTS TO 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 TRENCH LAYOUT AND INSPECTION.
- 5.) TOPOGRAPHY SHOWN HEREON WAS PURCHASED FROM HOWARD COUNTY, GEOGRAPHICAL INFORMATION SYSTEMS BY BENCHMARK ENGINEERING, INC. AND FIELD VERIFIED BY BENCHMARK ENGINEERING, INC.
- 6.) THE WELL IS TO BE DRILLED PRIOR TO SUBMITTAL OF FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED 'GOVERNMENTAL DELAY' IF THE WELL DRILLING DELAYS THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- 7.) GROUND WATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO SUBMITTAL OF RECORD PLAT FOR SIGNATURE.
- 8.) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 9.) THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION IS TO REMOVE THE LOT 15 1500 SF WELL BOX, SHOW A DRILLED WELL AND TWO ALTERNATIVE LOCATIONS ON LOT 15 AND TO REVISE THE LOT 16 SEPTIC DISPOSAL AREA.

**LEGEND**

- SOILS CLASSIFICATION **CgC2**
- SOILS DELINEATION
- EXISTING CONTOURS (FIELD RUN)
- PROPOSED STRUCTURE
- PROPOSED WELL BOX
- EXISTING WELL BOX
- PROPOSED SEPTIC FIELD
- PROPOSED SEPTIC REVISION (ADDITION)
- EXISTING SEPTIC (TO BE REMOVED)
- PERCOLATION TEST PASSED
- PERCOLATION TEST FAILED
- ALTERNATE WELL LOCATION



**VICINITY MAP**

SCALE: 1"=2000'  
ADC MAP No. 4 GRID D-13

**SOILS LEGEND**

MAP SYMBOL	SOIL GROUP	SOIL TYPE
	B	CHESTER GRAVELLY SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
	C	ELIOAK SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED

\* INDICATES HYDRIC SOILS  
TAKEN FROM SOILS SURVEY, ISSUED JULY 1968, MAP NO. 7

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*John M. Carney* 9/16/16  
DATE: 9/16/16

PLAN PREPARER: JOHN M. CARNEY  
FOR BENCHMARK ENGINEERING, INC.  
**BENCHMARK**  
ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE • SUITE 315  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644  
E-MAIL: bei@bei-civilengineering.com

<b>VISTA RIDGE</b> LOTS 15 AND 16	
LOCATION:	TAX MAP No. 8 - GRID No. 23 PARCEL No. 176 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	<b>REVISED PERCOLATION CERTIFICATION PLAN</b>
DATE:	APRIL 2016 SEPTEMBER, 2016
SCALE:	1" = 50'
PROJECT NO.	1490
DRAWING	1 OF 1

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT  
*William M. ...* 10/17/16  
COUNTY HEALTH OFFICER DATE: