

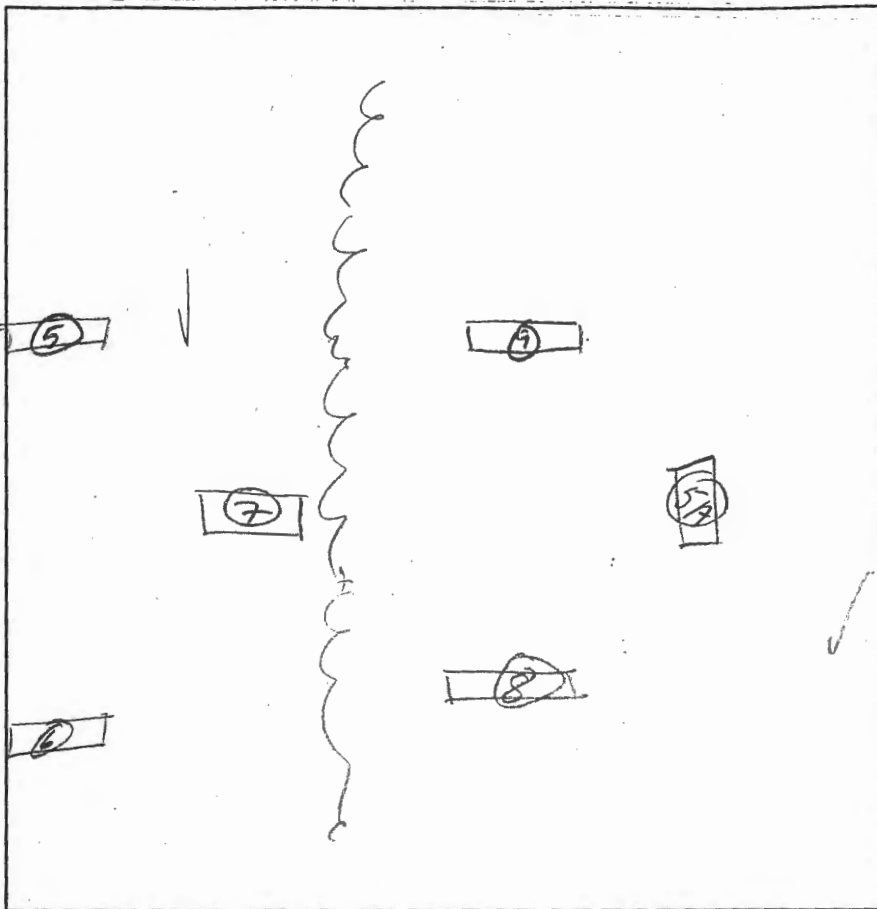
wt 3

AP

⑧  
Brown L  
1'  
Red/Brown  
micas  
sl w/  
10% sapolite  
4'  
Yellow/Brown  
micas  
sl  
w/  
15% weak  
sapolite  
11 1/2'

⑨  
Brown L  
1'  
Red/Orange  
Brown  
micas  
sl  
4 1/2'  
Yellow/Brown  
micas  
sl  
w/ 15%  
sapolite  
11 1/2'

⑦  
Brown L  
1'  
Orange/Brown  
Yellow  
micas  
sl  
3 1/2'  
Yellow/Brown  
micas  
sl w/  
25-30%  
sapolite  
11 1/2'



5A  
Brown L  
11'  
red  
orange  
micas  
sl  
15% sapolite  
4 1/2'  
Yellow  
Brown  
micas  
sl  
w/  
15%  
sapolite  
11'

⑥  
Brown L  
Red/Orange  
Brown micas  
sl w/ 20%  
qtz +  
sapolite  
3'  
Yellow/Brown  
orange  
micas  
sl  
w/ 15-20  
qtz +  
sapolite  
11 1/2'

⑤  
Brown L  
1/2'  
Yellow/Brown  
sl  
2 1/2'  
Yellow/Brown  
sl w/  
15%  
mica  
Schist  
6 1/2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/1/04	5	6 1/2'	- V/Sud -		< 50	Rock	F
	6	3 1/2' / 11 1/2'	11:15	11:17	11:19	2min	P
	7	4' / 9'	10:48	10:50	10:52	2min	P
	8	5' / 11 1/2'	10:03	10:05	10:08	3min	P
	9	4 1/2' / 11 1/2'	10:24	10:26	10:28	2min	P
	5A						

REMARKS all holes dug per plan #16 more rock but OK  
 SANITARIAN KSB/PT BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

I was just checking on the status of the percolation plan for the Percival Property, if it is signed I would pick it up?

Thank you,

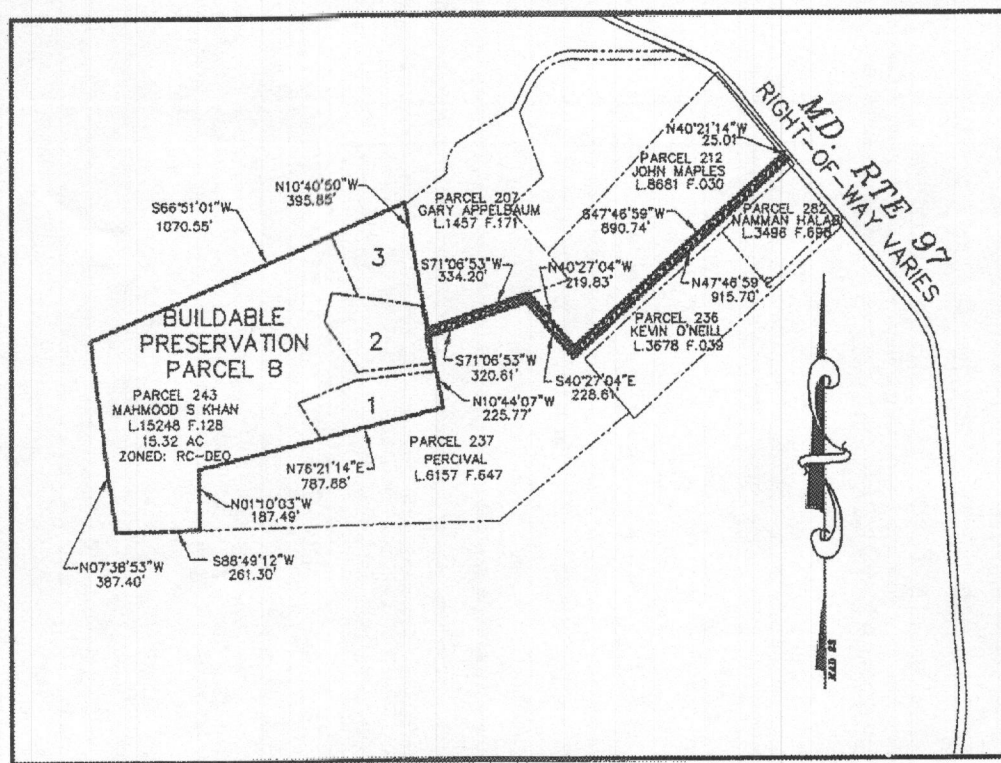
Todd M. Hill

Prof. Land Surveyor, Project Manager

Mildenberg, Boender & Assoc., Inc.

7350-B Grace Drive, Columbia, MD 21044

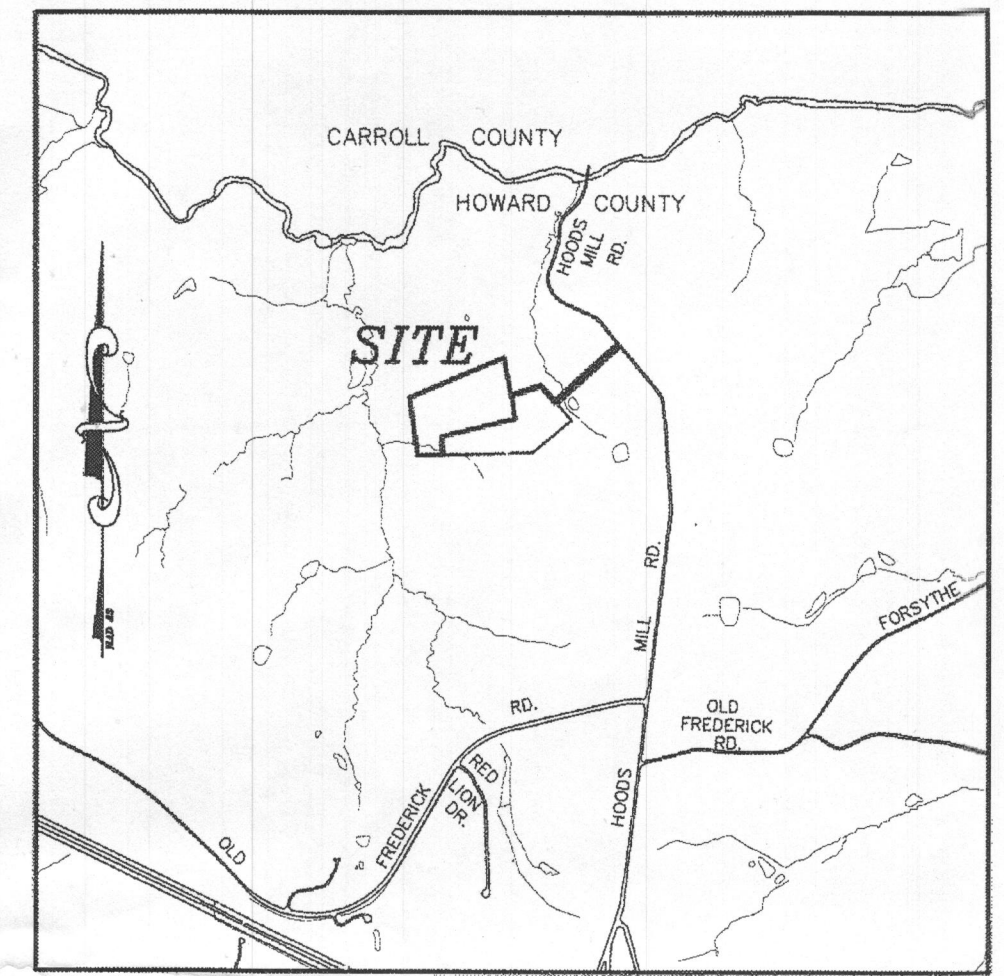
(410) 997-0296



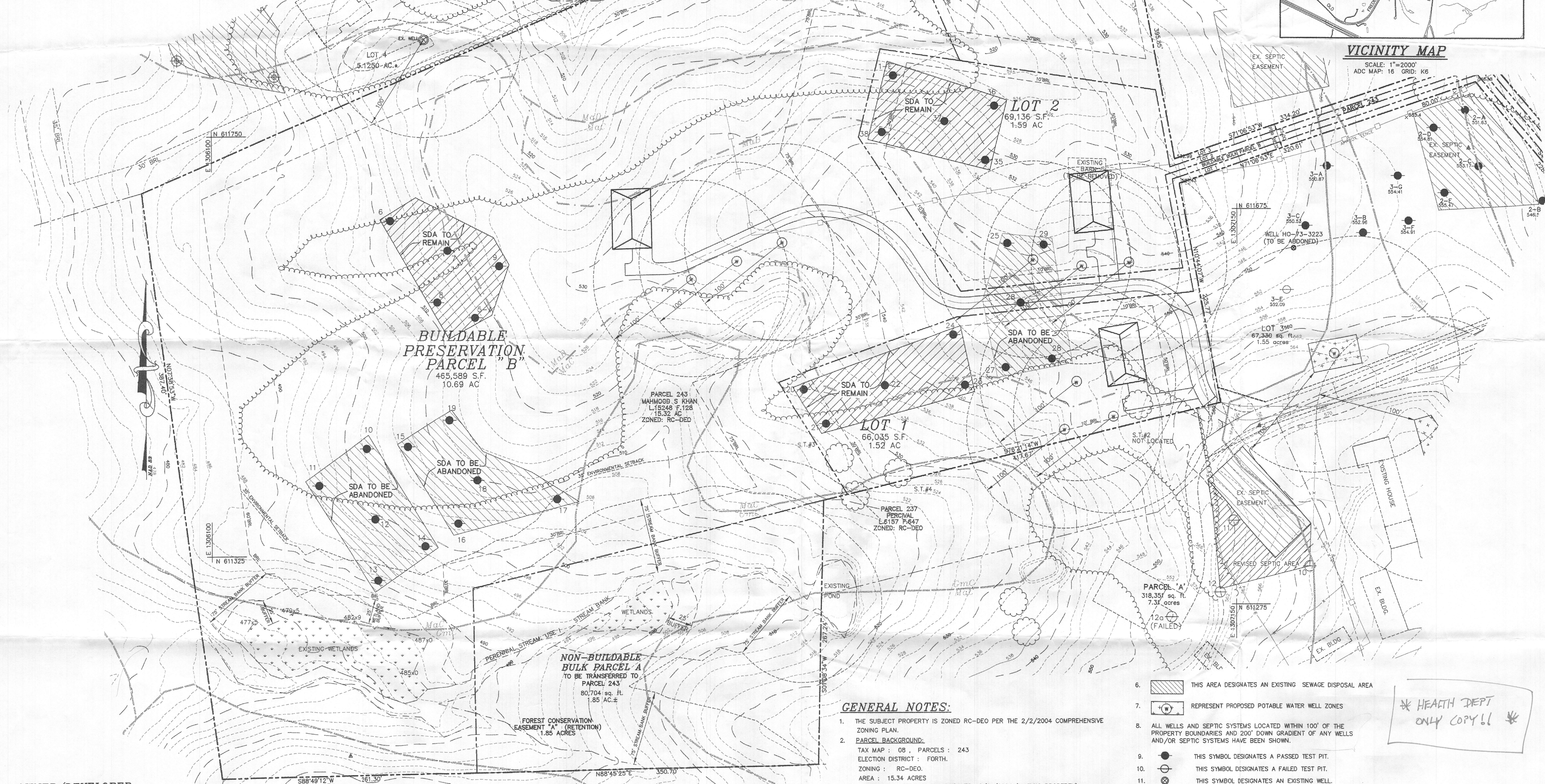
**LOCATION MAP**  
SCALE: 1"=600'

**SOILS TABLE**

SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
GgC	(B)	GLENELG LOAM, 8-15% SLOPES.	.20
GmC	(C)	GLENVILLE SILT LOAM, 8-15% SLOPES	.37
MaC	(B)	MANOR LOAM, 8-15% SLOPES	.24
MaD	(B)	MANOR LOAM, 15-25% SLOPES	.24



**VICINITY MAP**  
SCALE: 1"=2000'  
ADC MAP: 16 GRID: K6



**GENERAL NOTES:**

- THE SUBJECT PROPERTY IS ZONED RC-DEO PER THE 2/2/2004 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**  
TAX MAP : 08 , PARCELS : 243  
ELECTION DISTRICT : FORTH.  
ZONING : RC-DEO.  
AREA : 15.34 ACRES  
PERCOLATION CERT. PLAN APPROVED 12/21/2004 (MATIC PROPERTY)
- TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHY PERFORMED BY HOWARD COUNTY GIS. TOPOGRAPHY WAS FIELD VERIFIED IN SEPT., 2014 BY MILDENBERG, BOENDER & ASSOC., INC.
- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY DATA.
- THIS AREA DESIGNATES A SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT 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 SEWAGE DISPOSAL AREA, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.

- THIS AREA DESIGNATES AN EXISTING SEWAGE DISPOSAL AREA
- REPRESENT PROPOSED POTABLE WATER WELL ZONES
- THIS SYMBOL DESIGNATES A PASSED TEST PIT.
- THIS SYMBOL DESIGNATES A FAILED TEST PIT.
- THIS SYMBOL DESIGNATES AN EXISTING WELL.
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. 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 HOLDS UP SIGNATURE OF THE RECORD PLAT.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE PURPOSE OF THIS PLAN IS TO REVISE TO THE LOT LAYOUT ON PARCEL 243 FROM LOTS 1-7 MATIC PROPERTY TO LOTS 1-3 AND BULK PARCEL 'B' KHAN PROPERTY.

*\* HEALTH DEPT ONLY COPY !! \**

**OWNER/DEVELOPER**  
MAHMOOD S. KHAN  
C/O MILDENBERG, BOENDER & ASSOC., INC.  
7350-B GRACE DRIVE  
COLUMBIA, MARYLAND 21044  
410-997-0296

APPROVED FOR PRIVATE WATER AND PRIVATE SEPTIC  
HOWARD COUNTY HEALTH DEPARTMENT



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 17942, EXP. DATE 09/03/2016.  
R. JACOB HIKMAT, P.E.  
DATE: 7/13/16

P: 200414-020 Percival Prop.DWG\_20-Brd-Topo.DWG

date	JULY 2016
project	15-006
illustration	MMM
approval	MMM
scale	1"=50'

no.		description	date
		revisions	

**KHAN PROPERTY**  
828 HOODS MILL ROAD, COOKSVILLE, MD 21723  
TAX MAP 08, GRID 05, PARCEL 234  
FORTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
REVISED PERCOLATION CERTIFICATION PLAN

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
7950-B Grace Drive, Columbia, MD 21044  
(410) 997-0296 Tr. (410) 997-0296 Fax.