

## APPLICATION

#### FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_\_ TEST TIME \_\_\_\_\_

A/P \_\_\_\_\_

DATE \_\_\_\_\_

AGENCY REVIEW:

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I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:         CHECK AS NEEDED:       CHECK AS NEEDED:         CONSTRUCT NEW SEPTIC SYSTEM(S)       NEW STRUCTURE(S)         REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM       ADDITION TO AN EXISTING STRUCTURE         REPLACE AN EXISTING SEPTIC SYSTEM       REPLACE AN EXISTING STRUCTURE				
CHECK ONE:       IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?         CREATE NEW LOT(S)       YES         BUILD ON AN EXISTING LOT IN A SUBDIVISION       NO         BUILD ON AN EXISTING PARCEL OF RECORD       NO				
THE TYPE OF STRUCTURE IS:       PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)         COMMERCIAL       PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)         Institutional/government       (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)         Institutional/government       (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)				
PROPERTY OWNER(S) MOHAMED KAMAL & GWENNETH WESTERN EL SAWI				
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MAILING ADDRESS 13942 CLARKSVILLE PIKE HGHLAND MD 2077 STREET CITY/TOWN STATE ZIP				
APPLICANT BENCHMARK ENG. JUK, GO BRIAN F. CLEARY				
DAYTIME PHONE 410 465 6105 CELL FAX				
MAILING ADDRESS BARD BACTIMORE NAT'L PIKE STE 315 ELICOT CITY MD Z1043				
STREET CITY/TOWN STATE ZIP				
APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT				
PROPERTY LOCATION SUBDIVISION/PROPERTY NAME SAME AS OWNER ABOVE LOT NO.				
PROPERTY ADDRESS				
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPT-				
ABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A				
SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND				
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TEST RESULTS WILL BE MAILED TO APPLICANT.				
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH				

PLEASE SUBMIT ORIGINALS ONLY (BY MAIL OR IN PERSON)



# **APPLICATION**

#### FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_\_ TEST TIME \_\_\_\_\_

A/P \_\_\_\_\_

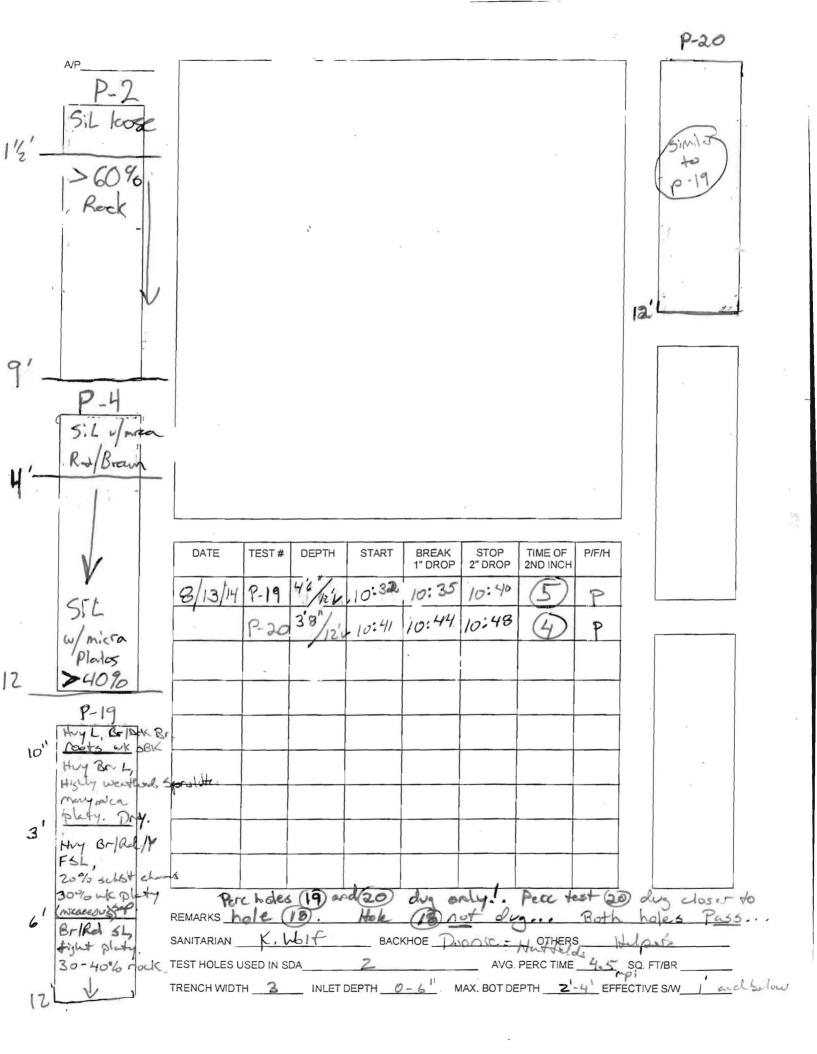
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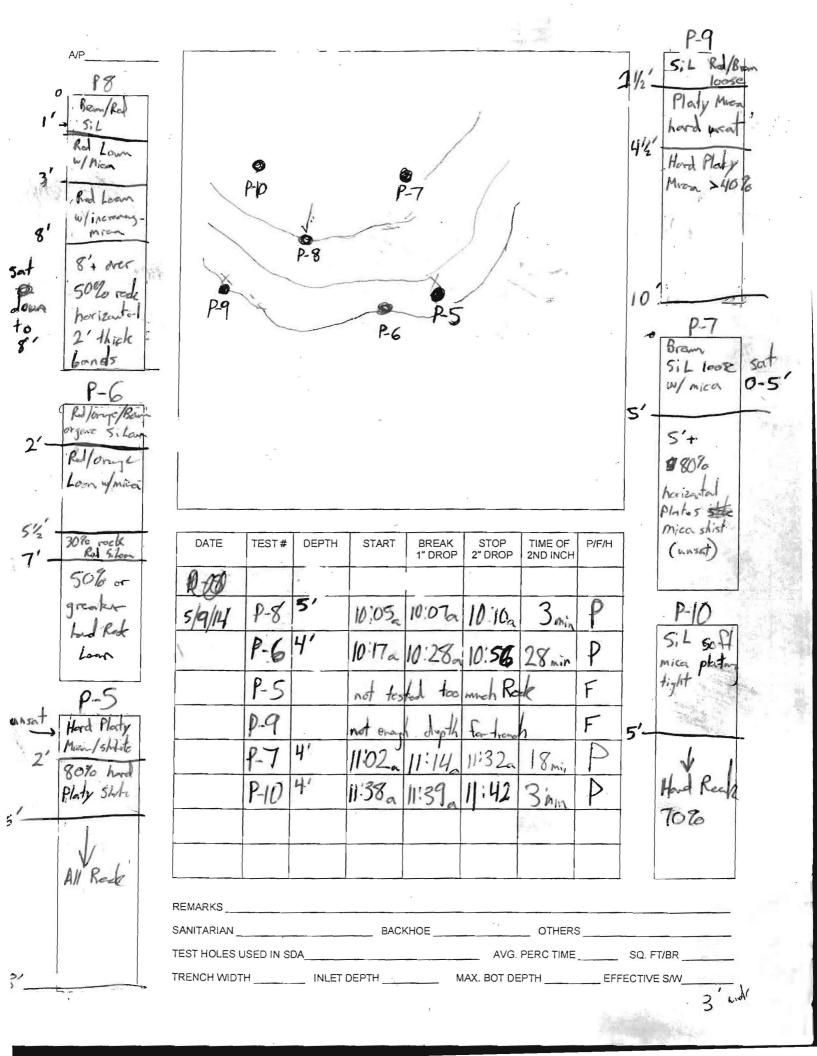
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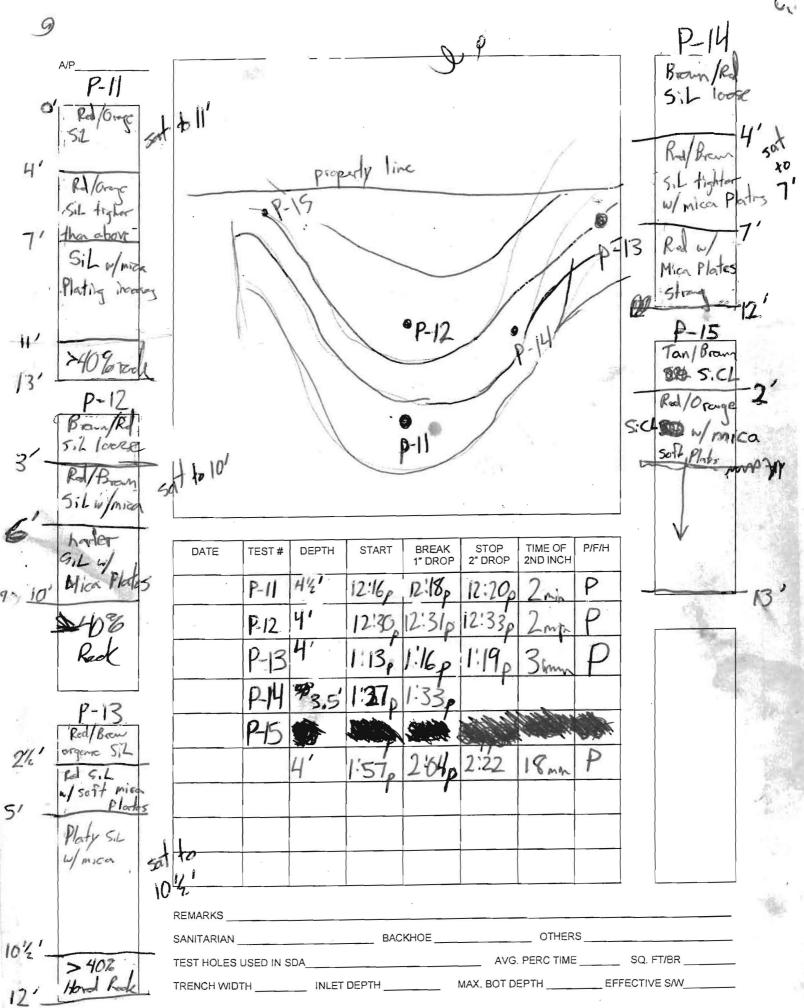
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I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:         CHECK AS NEEDED:       CHECK AS NEEDED:         CONSTRUCT NEW SEPTIC SYSTEM(S)       NEW STRUCTURE(S)         REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM       ADDITION TO AN EXISTING STRUCTURE         REPLACE AN EXISTING SEPTIC SYSTEM       REPLACE AN EXISTING STRUCTURE				
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DAYTIME PHONE 40 465 605 CELL FAX				
MAILING ADDRESS 8400 BACTMORE NAT'L PIKE STE 315 ELICOT CITY MD 2043 STREET CITY/TOWN STATE ZIP				
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PROPERTY ADDRESS				
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AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPT-				
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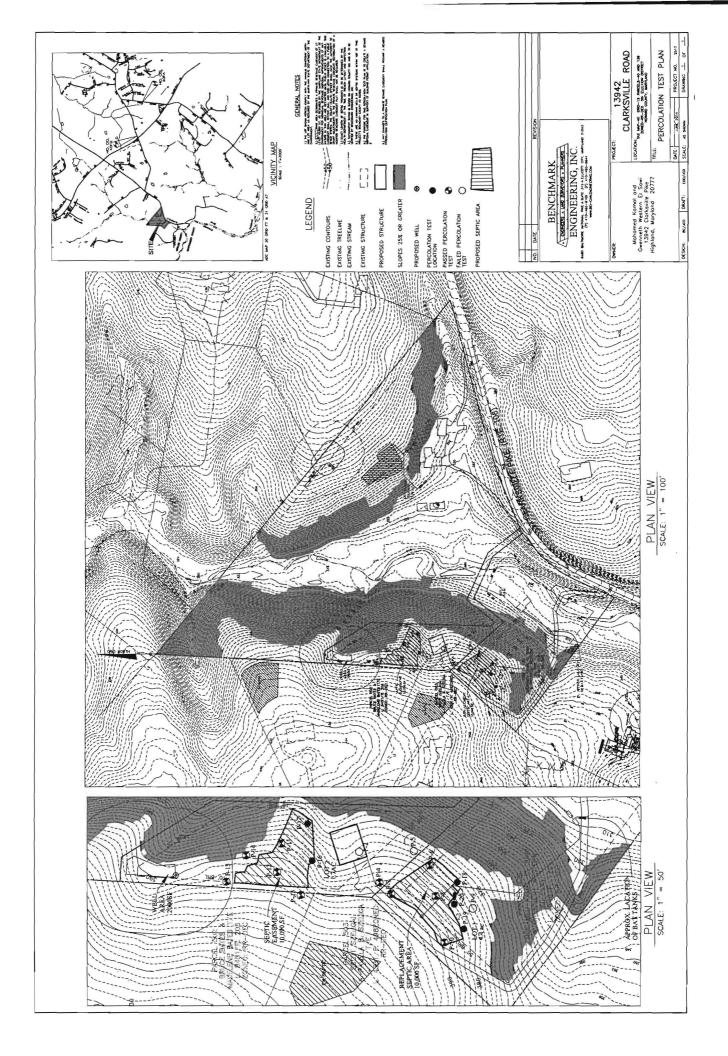
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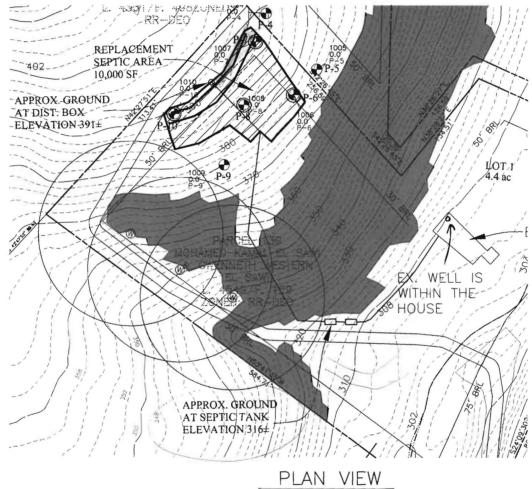






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Bureau of Environmental Health 7178 Columbia Gateway Drive, Columbia, MD 21046-2147 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

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

### <u>MEMORANDUM</u>

Sent via email to cogle@bei-civilengineering.com on 10/3/2014

- TO: Benchmark Engineering Attn: Chris Ogle
- FROM: Kevin M. Wolf, R.E.H.S./R.S., LEHS Environmental Health Specialist Supervisor Groundwater Mgmt. Sec.
- **DATE**: October 2, 2014

#### RE: Percolation Certification Plan Comments: 13942 Clarksville Pike – El Sawi Property

The following comments need to be addressed on the Percolation Certification Plan. Please revise and resubmit for review:

- 1. Newly installed septic system needs to be shown on the perc cert plan as per the completed as-built. BAT unit and pump tank may be encroached by the proposed drive.
- 2. Label plan "Subdivision" or indicate a purpose statement.
- 3. Proposed well site locations 1, 2, and 3 on Lot 1 need to be revised to meet 100' form septic and 200' down-gradient from septic. Move to add 1500ft2 well box in far southwest corner of property on Lot 1. Proposed drive to Lot 2 may need to be adjusted some.
- 4. Add note to state on Lot 1, a 'sleeve' will be installed under drive prior to drive installation for proposed well line install. Turn-ups will be installed at either end of the sleeve as to serve as markers.
- 5. Add note to state Septic Reserve Area (SRA) for Lot 1 must be fenced off and protected prior to proposed drive installation. Protection devices (fencing) must remain in place during the entire construction phases of Lot 2.
- 6. Add note to state on Lot 2 septic install will require Low Pressure Dosing (LPD).
- 7. Please add on plan proposed grading for the drive-way install around Lot 1 SRA.
- 8. On Lot 2, please show the well line proposal to the house. Must meet 10' setback from the SRA. If not, note to state well line on Lot 2 must be sleeved within 10' of SRA.

KMW *Cc: File* 



Christopher A. Malagari, P.E., President Donald A. Mason, P.E., L.S., Vice President

410-465-6105 301-371-3505 410-465-6644 FAX

October 13, 2014

Mr. Kevin Wolf Howard County Health Department 7178 Columbia Gateway Drive Columbia, MD 21046

#### Re: 14342 Clarksville Pike

Dear Mr. Wolf:

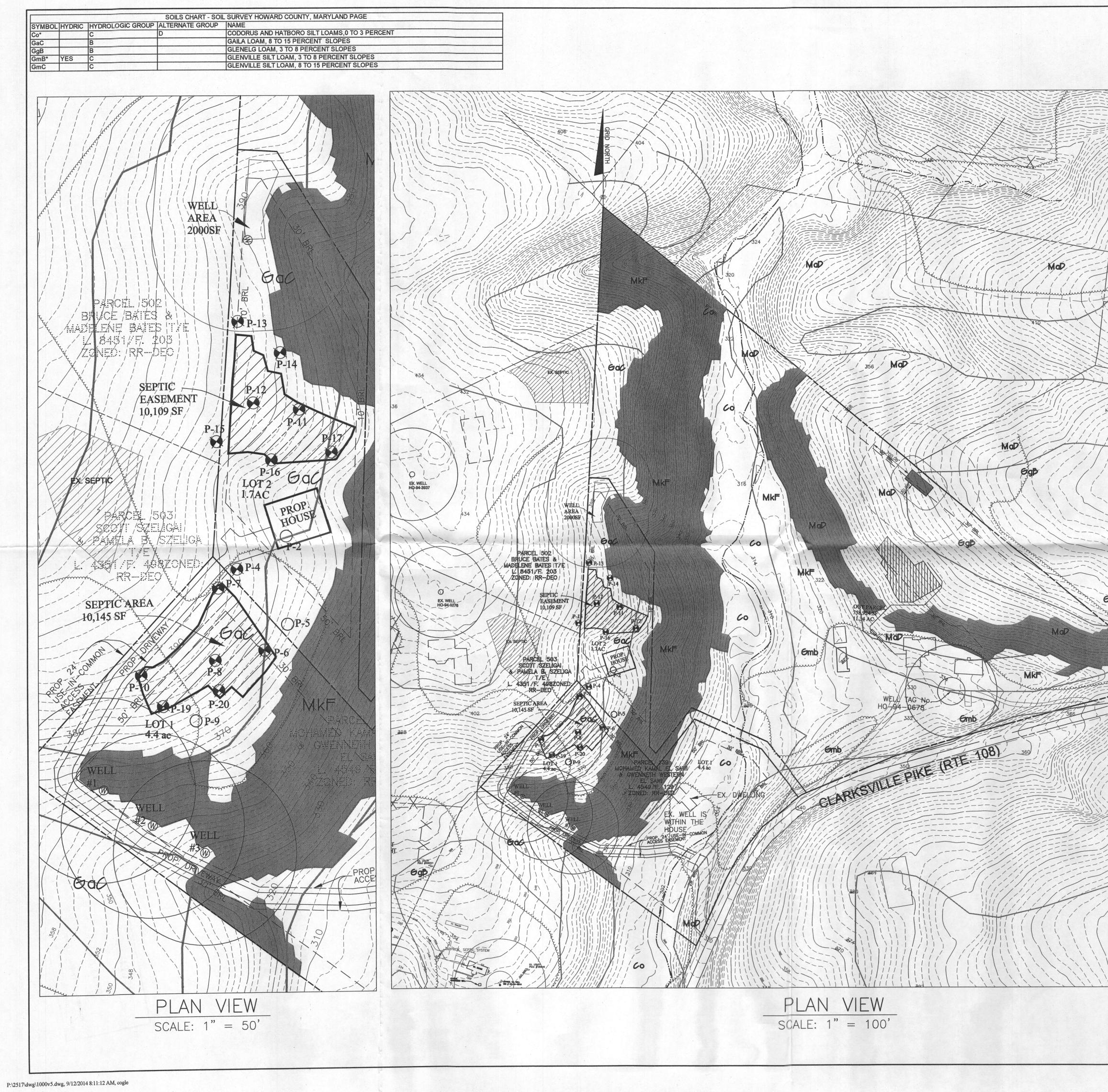
This letter is in response to your comments for the above referenced project. The following is a point by point response to your comments:

- 1. The existing septic tanks are shown based on the painted locations previously provided by the Health Department on the property.
- 2. The project is now titled as "subdivision" in the project block.
- 3. The replacement well #3 has been relocated to the southwest corner. The other 2 locations are not down-gradient of the septic easement but 100' adjacent to the easement.
- 4. A note has been added on the plan and in the general notes as requested.
- 5. The fencing note for Lot 1 is provided in the general notes.
- 6. The LPD note for Lot 2 in provided in the general notes.
- 7. The conceptual grading for the proposed driveway is now provided.
- 8. The approximate location of the well line for Lot 2 is now shown. A note is added to the plan and in the general notes that a sleeve must be provided where the line is within 10' of the SRA.

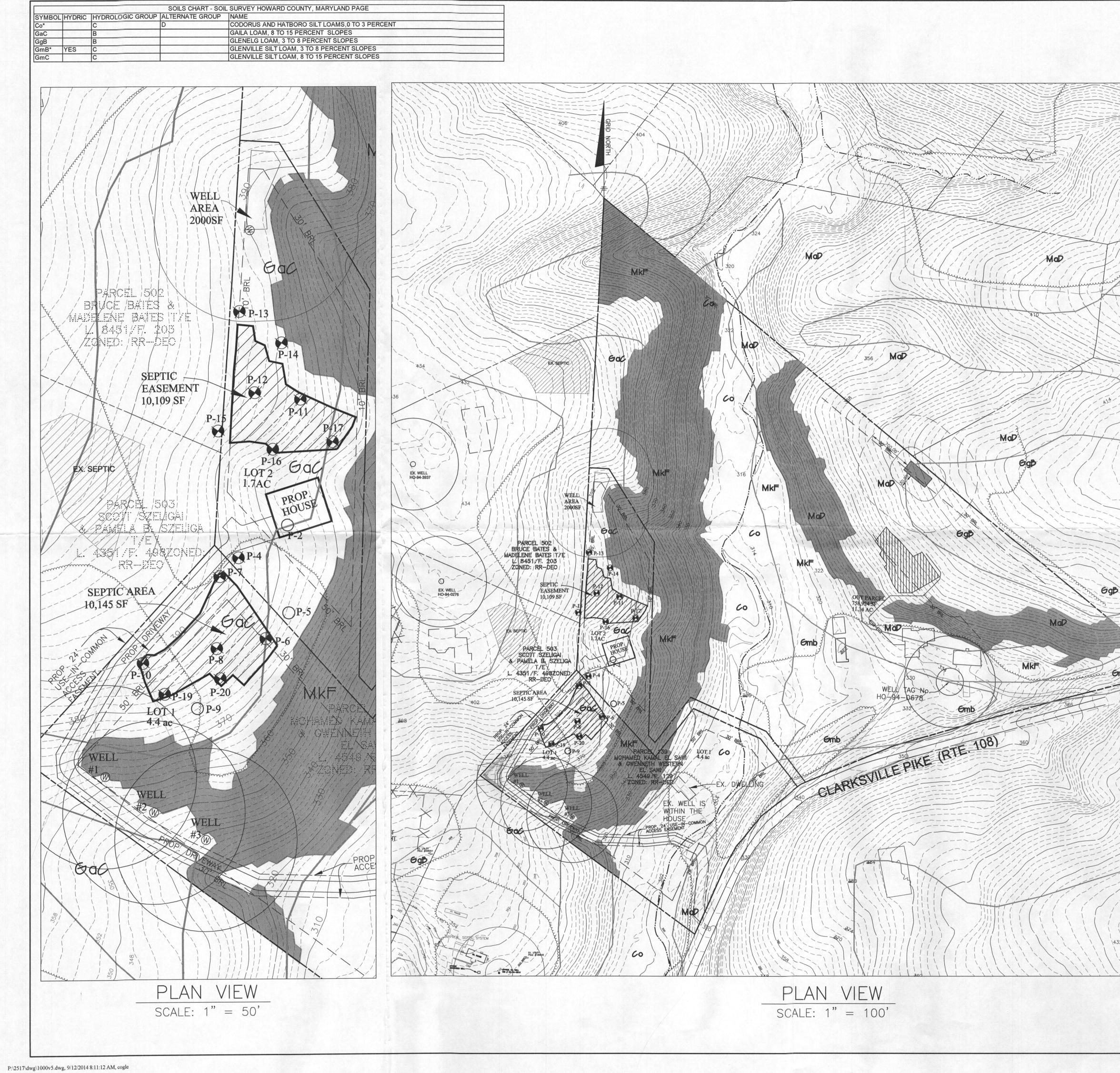
Should you have any questions or need additional information please contact this office.

Sincerely,

J. Chris Ogle Project Manager



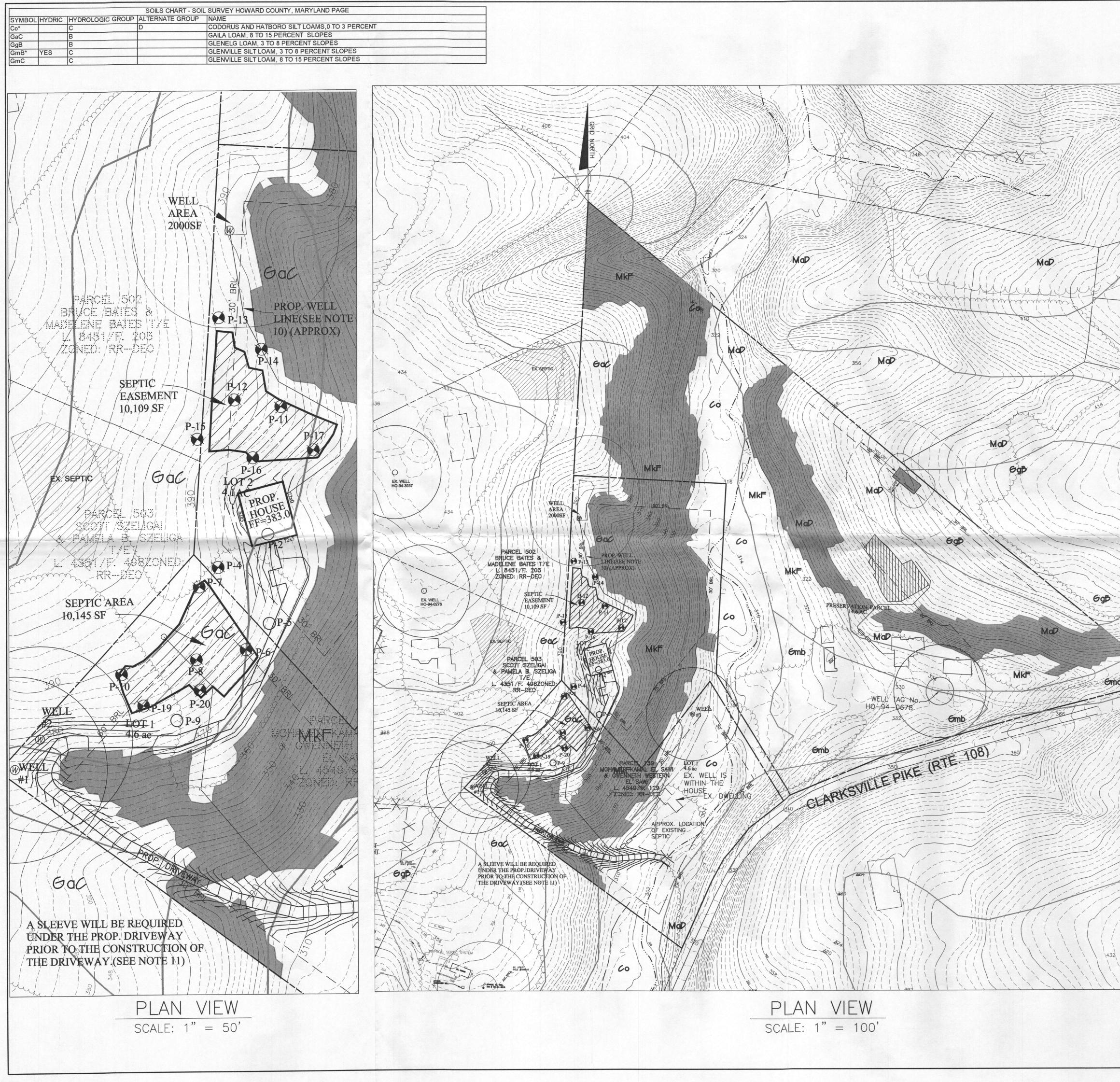
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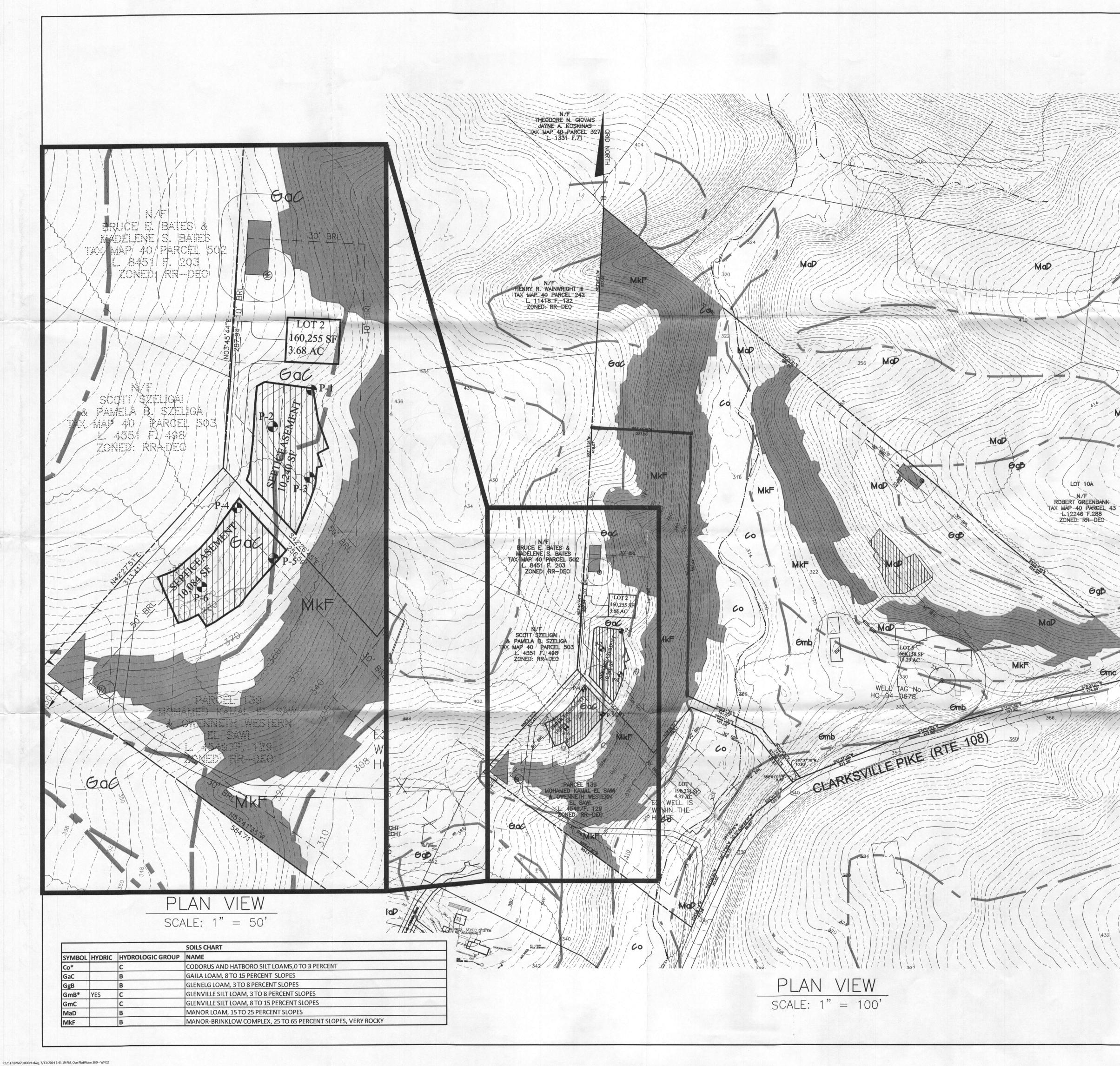
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	4.) TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND IS TO BE VERIFIED BY BENCHMARK ENGINEERING, INC. 5.) EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE AREAS WITHIN 100' OF THE PROPOSED STRUCTURE PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.		
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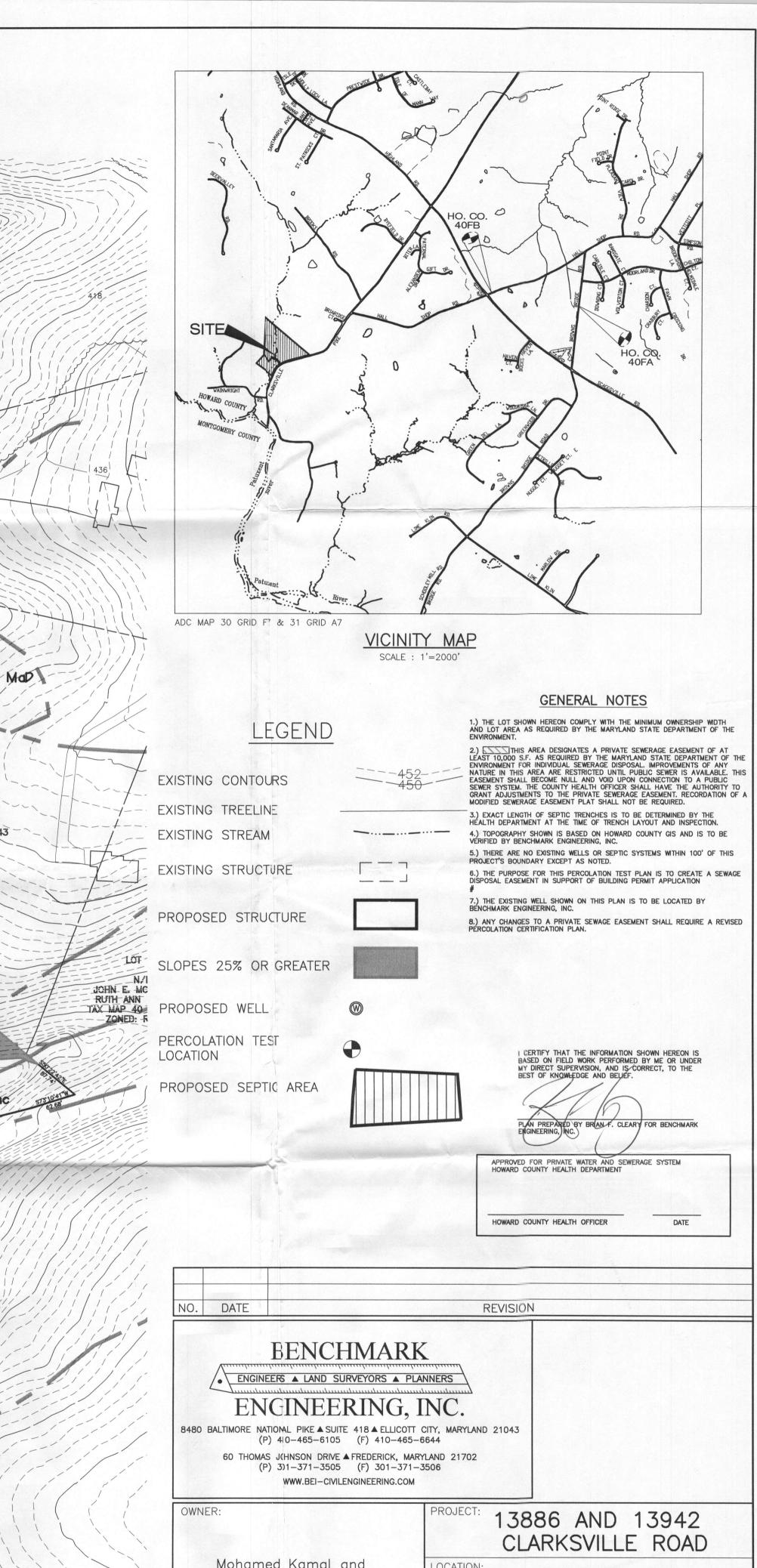


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	PROPOSED WELL (20) PASSED PERCOLATION (1) TEST	<ul> <li>8.) THE SEPTIC RESERVE AREA FOR LOT 1 MUST BE FENCED OFF AND PROTECTED PRIOR TO THE INSTALLATION OF THE PROPOSED DRIVEWAY FOR LOT 2. THE PROTECTIVE FENCING MUST REMAIN FOR THE ENTIRE CONSTRUCTION OF LOT 2 AS WELL.</li> <li>9.) LOT 2 SEPTIC INSTALL WILL REQUIRE LOW PRESSURE DOSING (LPD).</li> <li>10.) THE WELL LINE FOR LOT 2 WILL REQUIRED TO BE SLEEVED WITHIN 10' OF THE SEPTIC RESERVE AREA.</li> </ul>			
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	BENCHMARK ENGINEERS A LAND SURVEYORS A PLANNERS DENGENEERS A LAND SURVEYORS A PLANNERS BABO BALTIMORE NATIONAL PIKE A SUITE 315 A ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644 WWW.BEI-CIVILENGINEERING.COM				
	OWNER:	PROJECT: 13942 CLARKSVILLE ROAD SUBDIVISION LOTS 1 & 2			
	Mohamed Kamal and Gwenneth Western El Sawi 13942 Clarksville Pike Highland, Maryland 20777	LOCATION: TAX MAP-40 GRID-15 PARCELS-40 AND 139 ZONED-RR-DEO 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND TITLE:			
		PERCOLATION CERTIFICATION PLAN			
	DESIGN: BC/JCO DRAFT: EDD/JCO	DATE:OCTOBER 2014PROJECT NO.2517SCALE:AS SHOWNDRAWING 1OF 1			





Mohamed Kamal and \_OCATION: I: TAX MAP-40 GRID-15 PARCELS-40 AND 139 ZONED-RR-DEO 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND Gwenneth Western El Sawi 13942 Clarksville Pike Highland, Maryland 20777 TITLE: PERCOLATION TESTING PLAN MARCH, 2014 DATE:

EDD

SCALE: AS SHOWN

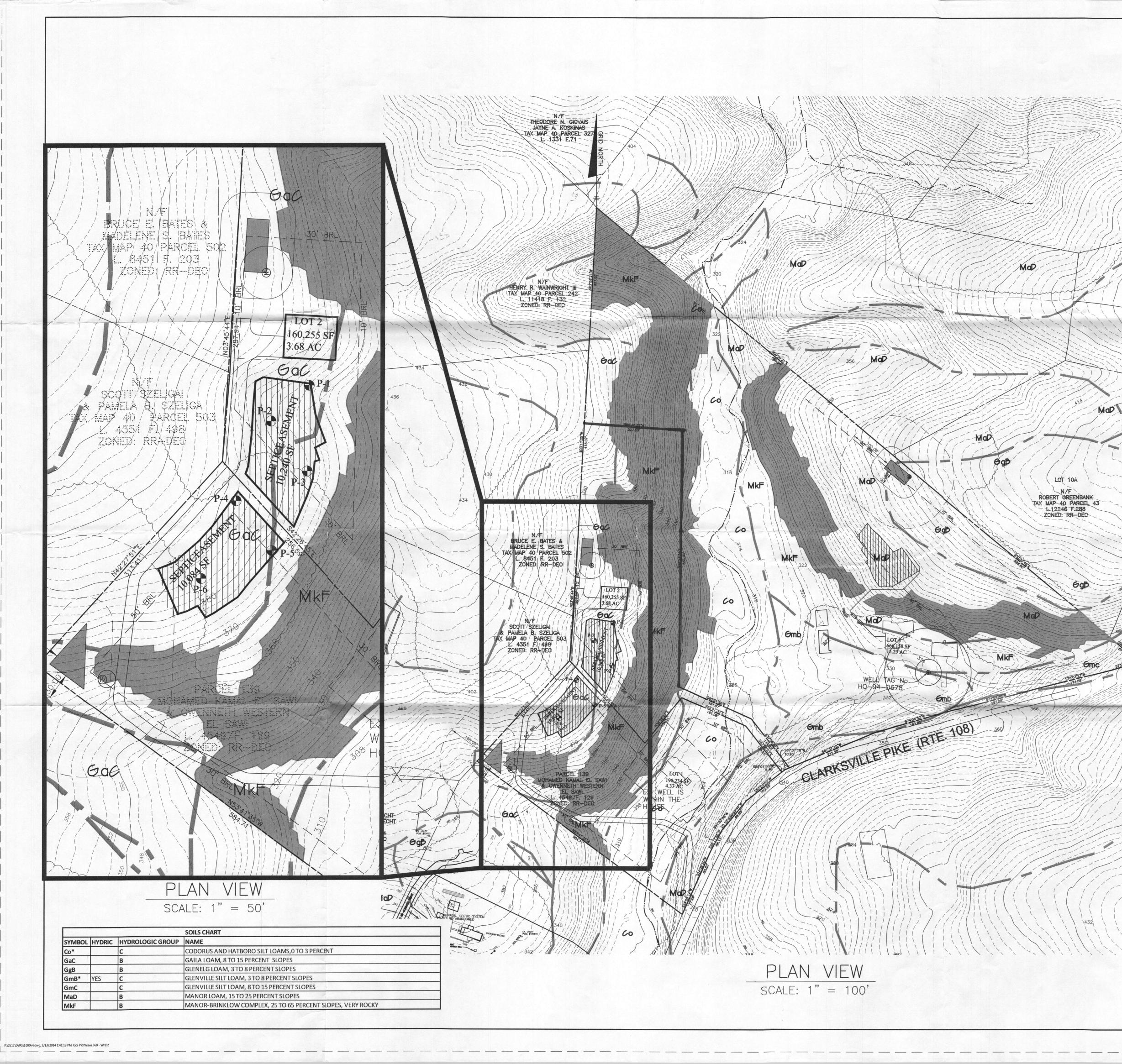
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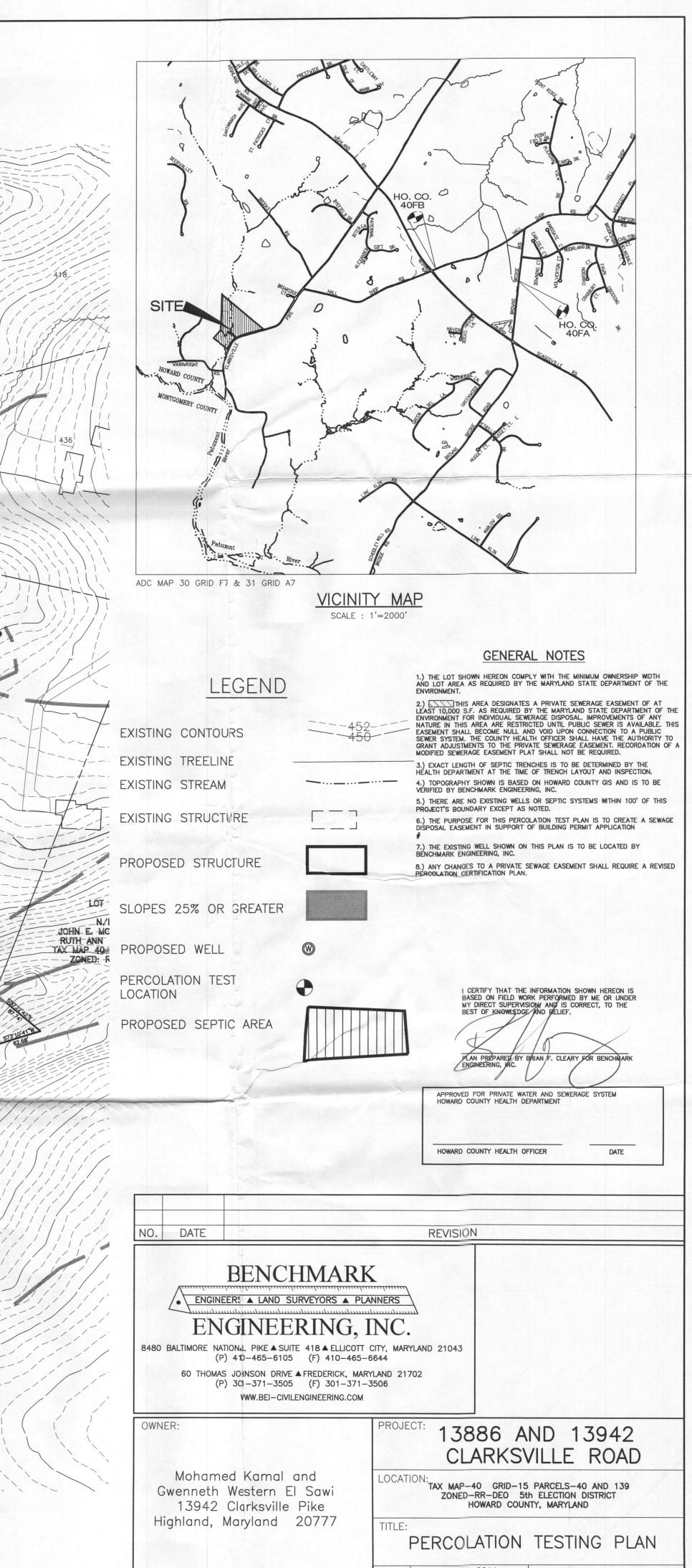
BC

DESIGN:

PROJECT NO. 2517

DRAWING <u>1</u> OF <u>1</u>





DESIGN: BC DRAFT:

DATE: MARCH, 2014 SCALE: AS SHOWN

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PROJECT NO. 2517

DRAWING <u>1</u> OF <u>1</u>