



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

AP 528887  
DATE 4/19/08

AGENCY REVIEW: \_\_\_\_\_

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (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) Albert and Virginia Spokes

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 5610 Chamblis Drive Clarksville MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT Josh Bixler (Benchmark)

DAYTIME PHONE 443-631-5900 CELL \_\_\_\_\_ FAX 443-546-4921

MAILING ADDRESS P.O. Box 351 Clarksville MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME Glen Mary Est. LOT NO. 6

PROPERTY ADDRESS 5610 Chamblis Drive  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 5 PARCEL(S) 15 PROPOSED LOT SIZE 99.11a.c

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE 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 "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]  
SIGNATURE OF APPLICANT

# Amend septic easement for 1<sup>st</sup> Residence

AP

(101)

dk brn sl  
common mica  
0.5'

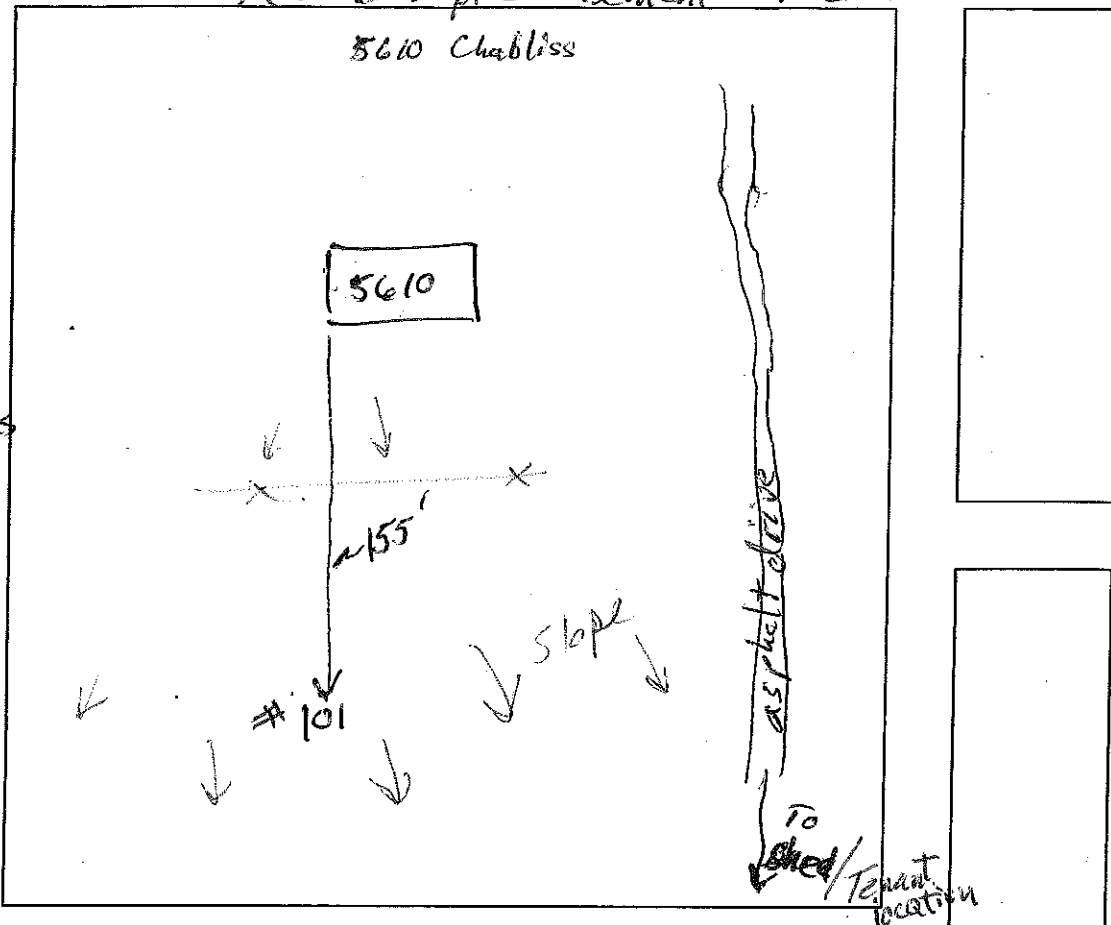
red-brn  
sl  
3'

red-brn sl  
f 3 d grey  
sl inclusions  
4.5' common mica

red-brn sl  
micaceous  
8'

brn chls  
micaceous  
10'

brn fls  
micaceous  
1 moist  
11.5' — R5



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/16/08	101	115'	Visual	4.5'	7.5'	2-10 minutes	P

REMARKS add to SDA.

SANITARIAN RB BACKHOE Todd OTHERS Israel

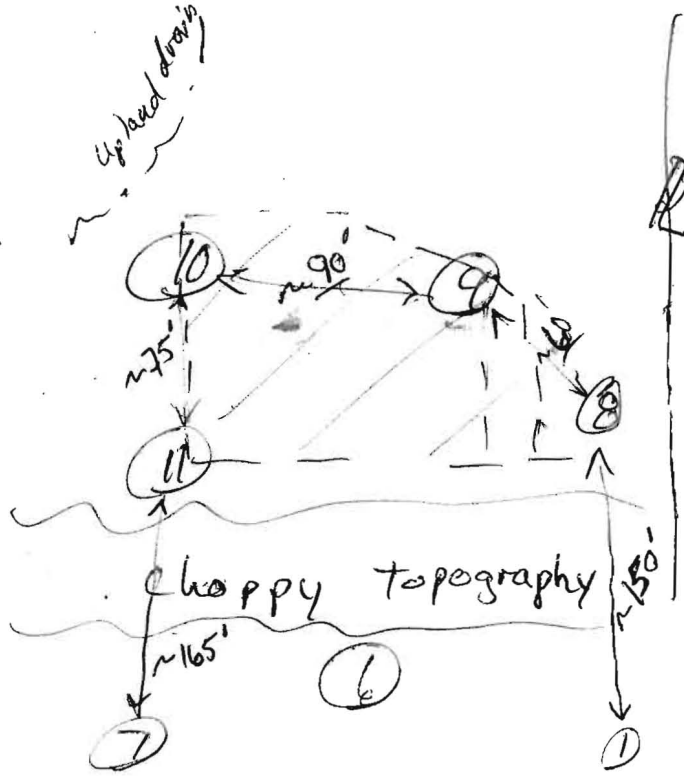
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH 4' MAX. BOT DEPTH 7.5 EFFECTIVE SW 3' max.

Glen Mary Estates, lot 6  
Tenant House

AP

⑧  
0.3' dk brn loam  
3.5' brn scl  
red-brn grsl  
many mica heavy  
5' red-brn  
yel-brn grsl  
many mica  
6.5' yel brn grsl  
micaeous  
8' pale bn sc  
w/ 2P depletions  
lt. grey  
10.5' pale yel-grey  
scl micaeous  
12'



⑪  
0.6' dk brn loam  
common mica  
3' brn grsl  
brn sl  
common mica  
4' red sl  
w/ yel-brn  
inclusions (fs)  
micaeous  
11' dk. red  
micaeous  
12' moist

⑨  
0.7' dk brn loam  
brn by scl  
25% boulders  
& stone  
3.5' red sl  
micaeous  
saprolite  
11' red w/ yel  
ls inclusions  
14' micaeous

⑩  
0.5' dk brn loam  
few mica  
brn by scl  
30% boulders  
common mica  
5' micaeous  
red-brn to  
red sl  
yel-brn inclusions  
13' dk. red  
micaeous  
14' moist

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/16/08	8	4' 8"	0	17.5	47	29.5	P
4/16/08	9	5' 14"	29	31	34.5	3	P
4/16/08	10	6' 14"	0	3	9.5	6.5	P
4/16/08	11	5' 12"	0	10	35	25	P

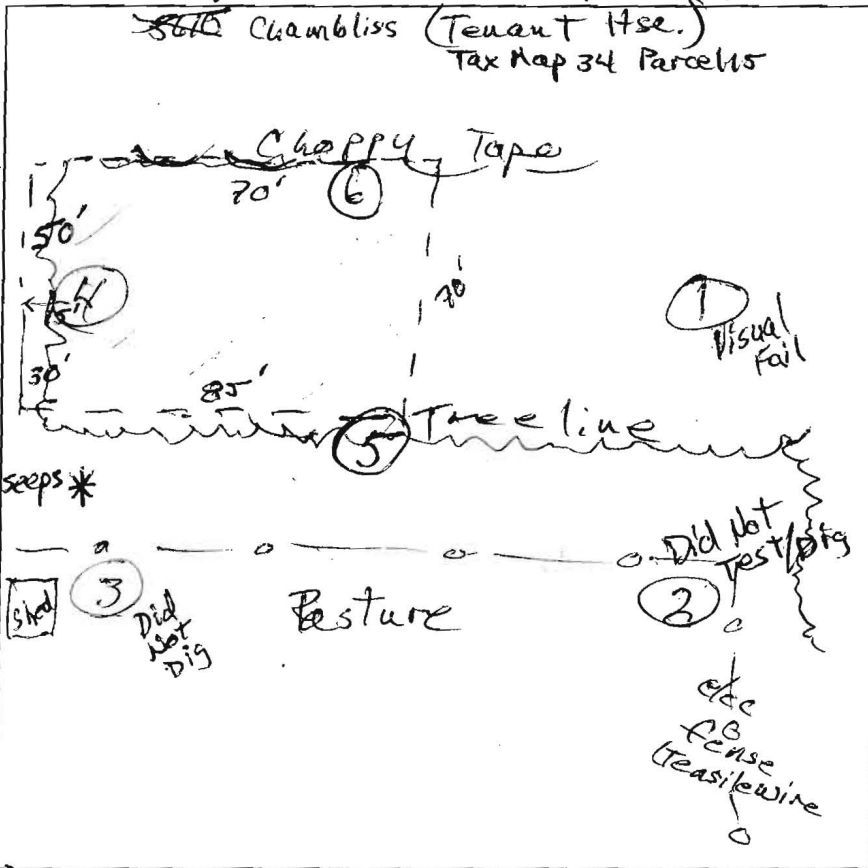
REMARKS #8 Trench Bottom 4'; #11 Trench Bottom 7'10" 3 BR-SFD proposed  
SANITARIAN RB BACKHOE Todd OTHERS Israel  
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

Glen Mary Estates, Lot 6

4 5

Chambliss (Tenant Hse.)  
Tax Map 34 Parcels 15

AVP  
6  
0.3' dk. brn loam  
Common mica  
brn scl  
1msbk  
2' layers (strata)  
red-brn gr ls  
dk brn sl  
3.5' brn sl  
micaceous  
few gravel  
0.5' yellow  
& pale brn sl  
micaceous  
& 2d lt grey  
3cpl  
13' yellow  
brn scl  
14' dk brn sl  
0.3' brn scl  
2' brn sl (heavy)  
& 3d (grey)  
depletions  
4' grey sl  
many mica  
dense, brittle  
5'



dk brn loam  
brn scl  
2msbk  
2' brn scl  
& red-brn  
many mica  
3.0' brn grst  
10% gravel  
9.5' brn scl  
inclusions  
red-brn  
olive & lt. grey  
depletions  
13.5' yellow  
clay  
common mica  
m 1d (lt grey)  
15' water seep  
1' brn scl  
2msbk  
to 2' sbk  
3' brn scl  
& 1d (lt grey)  
6.5' red-brn &  
lt brn scl  
c 1p (lt grey)  
9.5' red  
scl  
m 1p (lt grey  
(pale yellow)  
14.5' water seep

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/16/08	5	5' / 9.5'	9:33	9:36	9:43	7	P
4/16/08	4	4.5' / 15'	10:05		10:06	11	repair
repair	4	4.5' / 9.5'	0	0.7	2.9	2.2	P
4/16/08	1	14.5'	Visual	heavy clay top-to-bottom			F
4/16/08	6	3.5' / 9.5'	0	3.5'	11.5'	8	P
4/16/08	7	5'	Visual	depleted pan-like low top			F

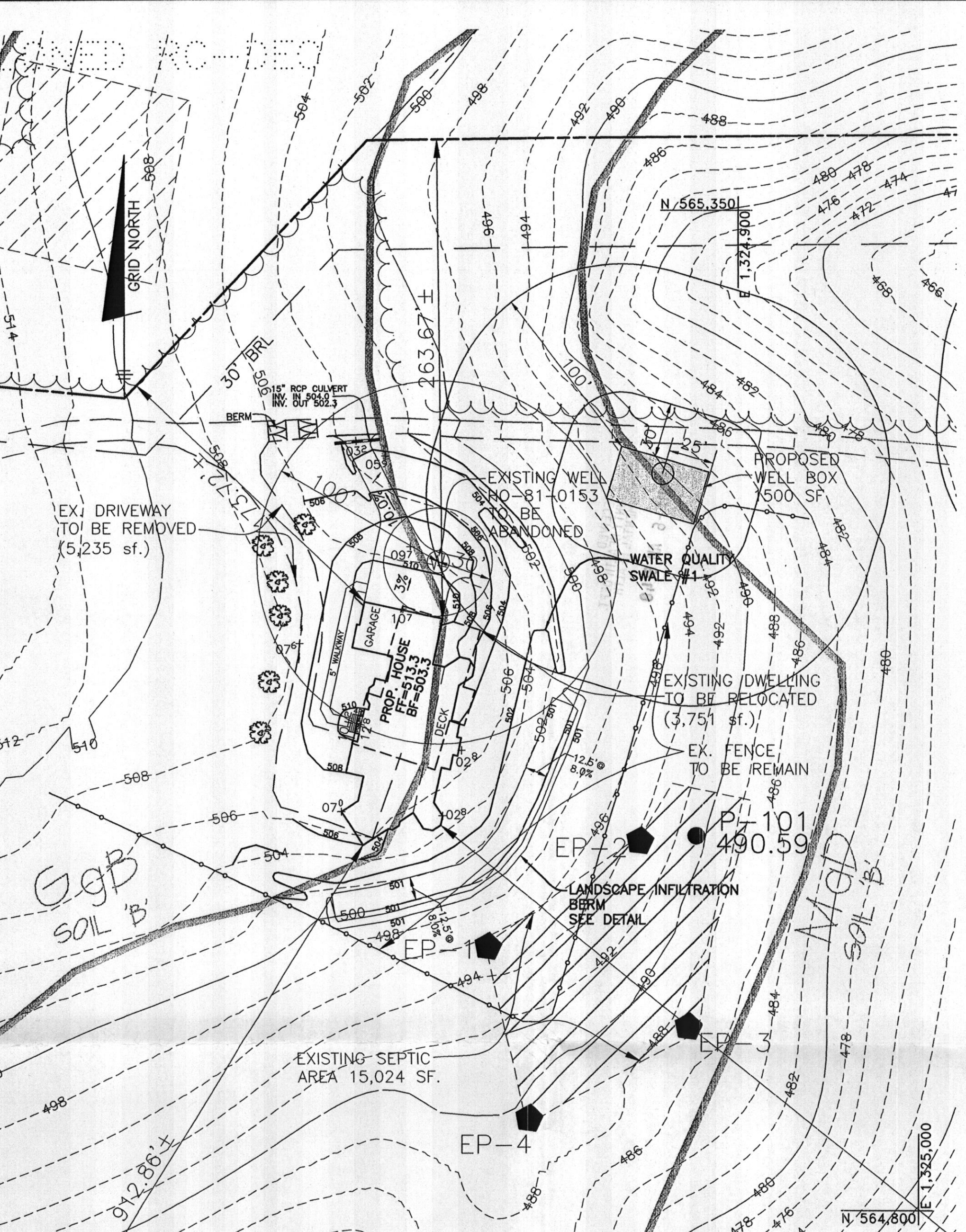
REMARKS 4, 5 & 6; Trench Bottom 5.5' #5 case-in 9.5'

SANITARIAN RB BACKHOE Todd OTHERS Israel; Josh Binder

TEST HOLES USED IN SDA 4, 5 & 6 AVG. PERC TIME 5.7 SQ. FT/BR 187.5

TRENCH WIDTH INLET DEPTH 2-3 MAX. BOT DEPTH 5.5 EFFECTIVE SW

(5.0)



PLAN  
SCALE: 1" = 50'

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED TREELINE
- EXISTING TREELINE
- EXISTING CL STREAM
- LIMIT OF SUBMISSION
- SOILS DELINEATION
- PROPOSED WELL BOX
- TEST HOLE PASSED
- TEST HOLE FAILED
- EXISTING PERC HOLE
- TEST HOLE PASSED IN 198
- TEST HOLE FAILED IN 1983
- SEPTIC AREA
- SEPTIC AREA ESTABLISHED IN 1983

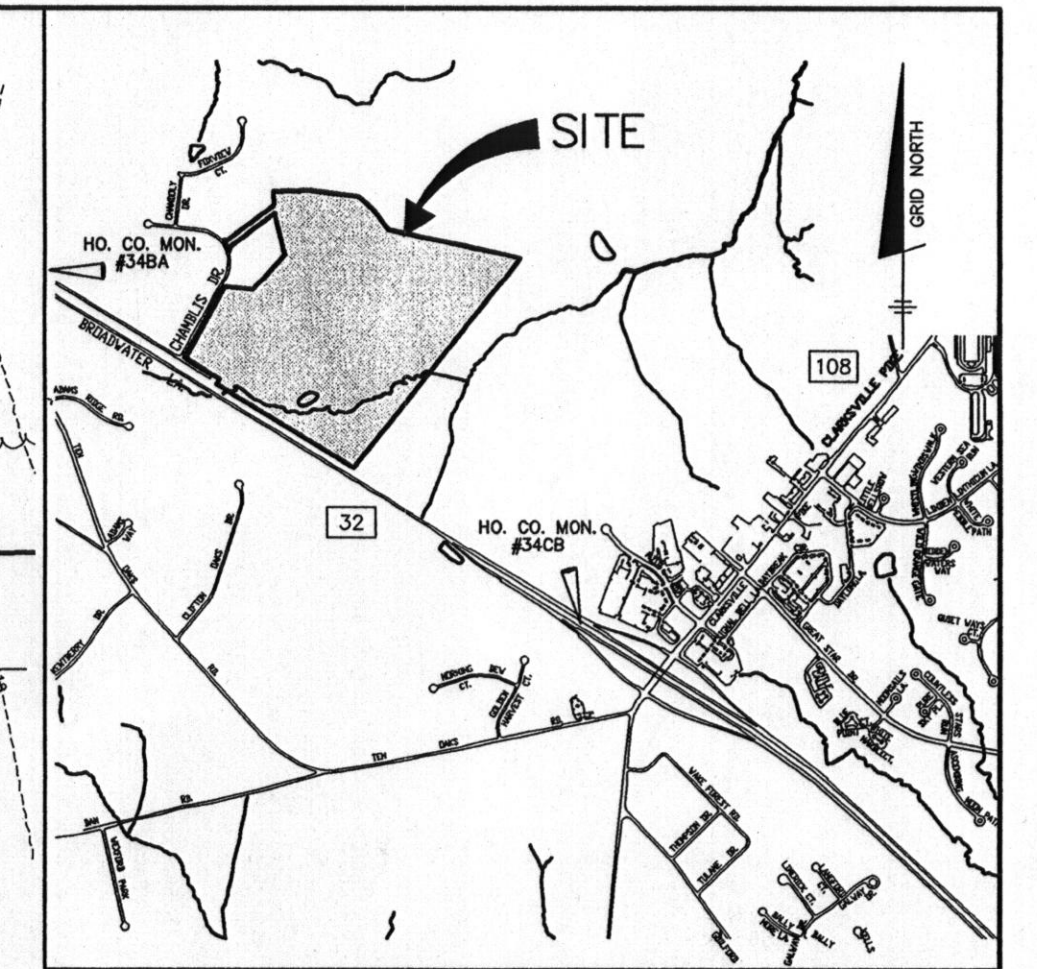


PLAN  
SCALE: 1" = 100'

HOWARD COUNTY, MARYLAND (MD027)

Soil Name	Depth	Permeability	Soil No.	Permeability
Soil 1	0-10"	0.05	101	0.05
Soil 2	10-20"	0.05	102	0.05
Soil 3	20-30"	0.05	103	0.05
Soil 4	30-40"	0.05	104	0.05
Soil 5	40-50"	0.05	105	0.05
Soil 6	50-60"	0.05	106	0.05
Soil 7	60-70"	0.05	107	0.05
Soil 8	70-80"	0.05	108	0.05
Soil 9	80-90"	0.05	109	0.05
Soil 10	90-100"	0.05	110	0.05

NATURAL RESOURCES CONSERVATION SERVICES  
WEB SOIL SURVEY 2.0



VICINITY MAP  
SCALE: 1" = 2000'  
ADC MAP 4933 GRID G-6

**BENCHMARKS NAD'83 HORIZONTAL**  
 HO. CO. #348A  
 STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE.  
 N 563852.4632' E 1324672.1943'  
 ELEVATION: 450.129'  
 RT. 32, 0.3 MILES WEST OF CLARKSVILLE.  
 HO. CO. #340B  
 STAMPED BRASS DISK SET ON TOP OF CONCRETE BASE.  
 N 561958.781' E 1327617.07'  
 ELEVATION: 441.409'  
 RT. 32 BY RAMP TO FRO RT-108 (CLARKSVILLE)

GENERAL NOTES

- 1.) THE LOTS SHOWN HEREON COMPLY 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 AT LEAST 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. RECORDED OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.
- 3.) 2 FOOT CONTOURS SHOWN AROUND THE RELOCATED DWELLING WAS FIELD RUN BY BENCHMARK ENGINEERING INC. ON JUNE 15, 2008. SURROUNDING TOPOGRAPHY IS BASED ON HOWARD COUNTY GIS. 2 FOOT CONTOURS HAVE BEEN INTERPOLATED AND VERIFIED.
- 4.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 5.) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 6.) THE WELL FOR THE PROPOSED TENANT HOUSE WAS DRILLED AND APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPLICATION APPROVAL.
- 7.) INSTALLATION OF THE NEW SEPTIC SYSTEM MUST BE APPROVED BY THE ATTENDING HEALTH DEPARTMENT INSPECTOR PRIOR TO ISSUANCE OF THE ICOP LETTER.
- 8.) ALL BARN AND OUT BUILDINGS ARE TO REMAIN, AS SHOWN.
- 9.) PERCOLATION TEST LOCATIONS 1 THROUGH 6 SHOWN IN THE VICINITY OF THE PROPOSED SEPTIC EASEMENT AT THE BARN ARE APPROXIMATIONS BASED ON BEST FIT OF DATA DESCRIBED BY THE SANITARIAN WHO RECORDED THE TESTS ON SEPTEMBER 15, 1983.
- 10.) SHOULD A USE BE PROPOSED FOR THE PLATED SEPTIC EASEMENT NEAR THE SOUTHWEST PROPERTY LINE ADJOINING LOT 5, PERCOLATION TESTS WILL BE REQUIRED FOR VALIDATION UNLESS DATA FOR THE ORIGINAL PERCOLATION TESTS (1983) CAN BE PRESENTED.

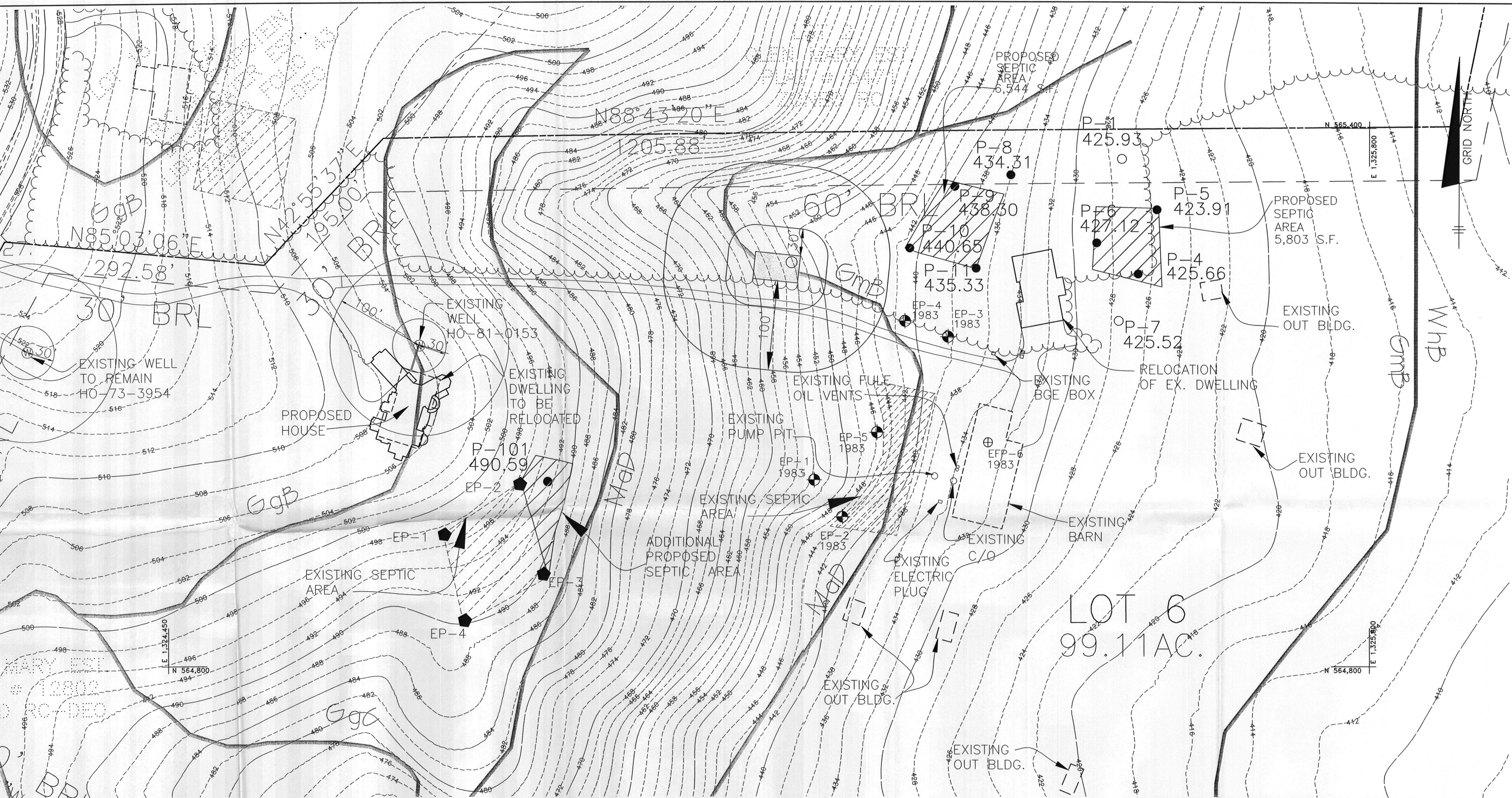
*1) The purpose of this percolation certification is the abandonment of well (H0-81-053) and the creation of a new 1500 SF envelope for the new well.*

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, FOR BENCHMARK ENGINEERING, INC.  
 PLAN PREPARER  
 APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 HOWARD COUNTY HEALTH OFFICER

NO.	DATE	REVISION

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
6480 BALTIMORE NATIONAL PIKE & SUITE 415 & ELLICOTT CITY, MARYLAND 21043  
(7) 410-465-8100 (7) 410-465-8644  
60 THOMAS JOHNSON DRIVE FREDERICK, MARYLAND 21702  
(7) 301-371-3505 (7) 301-371-3506  
WWW.BE-ENGINEERING.COM

OWNER: GEORGE L. DOETSCH 5610 CHAMBLIS DR CLARKSVILLE, MARYLAND 21029	PROJECT: <b>GLEN MARY ESTATES          LOT 6          PROPOSED HOUSE</b>
BUILDER: MUELLER HOMES, INC. 7520 MAIN STREET SYKESVILLE, MARYLAND 21784 410-549-4440	LOCATION: TAX MAP: 34, GRID: 5 PARCEL: 15 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND
TITLE: <b>REVISED PERCOLATION          CERTIFICATION PLAN</b>	
DATE: APRIL, 2010	PROJECT NO.: 2130
Design: HP Draft: HP Check: JC	SCALE: AS SHOWN SHEET 1 OF 1



PLAN  
SCALE: 1" = 50'

- LEGEND**
- 580 EXISTING CONTOURS
  - EXISTING TREELINE
  - EXISTING CL. STREAM
  - EXISTING WETLANDS
  - 00'00"00"W 00.00' LIMIT OF SUBMISSION
  - PROPOSED SEPTIC AREA
  - SOILS DELINEATION
  - PROPOSED WELL BOX
  - P-3 TEST HOLE
  - P-1 TEST HOLE FAILED
  - EP-1 EXISTING PERC HOLE
- PERCOLATION NOVEMBER 1983**
- EXISTING PERC HOLE PASSED
  - EXISTING PERC HOLE FAILED

**GENERAL NOTES**

- 1.) THE LOTS SHOWN HEREON COMPLY 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 AT LEAST 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.) TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS. 2 FOOT CONTOURS HAVE BEEN INTERPOLATED.
- 4.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
- 5.) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- 6.) THE WELL FOR THE PROPOSED TENANT HOUSE MUST BE DRILLED AND APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPLICATION APPROVAL.
- 7.) INSTALLATION OF THE NEW SEPTIC SYSTEM MUST BE APPROVED BY THE ATTENDING HEALTH DEPARTMENT INSPECTOR PRIOR TO ISSUANCE OF THE ICOP LETTER.
- 8.) ALL BARN AND OUT BUILDINGS ARE TO REMAIN, AS SHOWN.
- 9.) PERCOLATION TEST LOCATIONS 1 THROUGH 6 SHOWN IN THE VICINITY OF THE PROPOSED SEPTIC EASEMENT AT THE BARN ARE APPROXIMATIONS BASED ON BEST FIT OF DATA DESCRIBED BY THE SANITARIAN WHO RECORDED THE TESTS ON SEPTEMBER 15, 1983.
- 10.) SHOULD A USE BE PROPOSED FOR THE PLATTED SEPTIC EASEMENT NEAR THE SOUTHWEST PROPERTY LINE ADJOINING LOT 5, PERCOLATION TESTS WILL BE REQUIRED FOR VALIDATION UNLESS DATA FOR THE ORIGINAL PERCOLATION TESTS (1983) CAN BE PRESENTED.

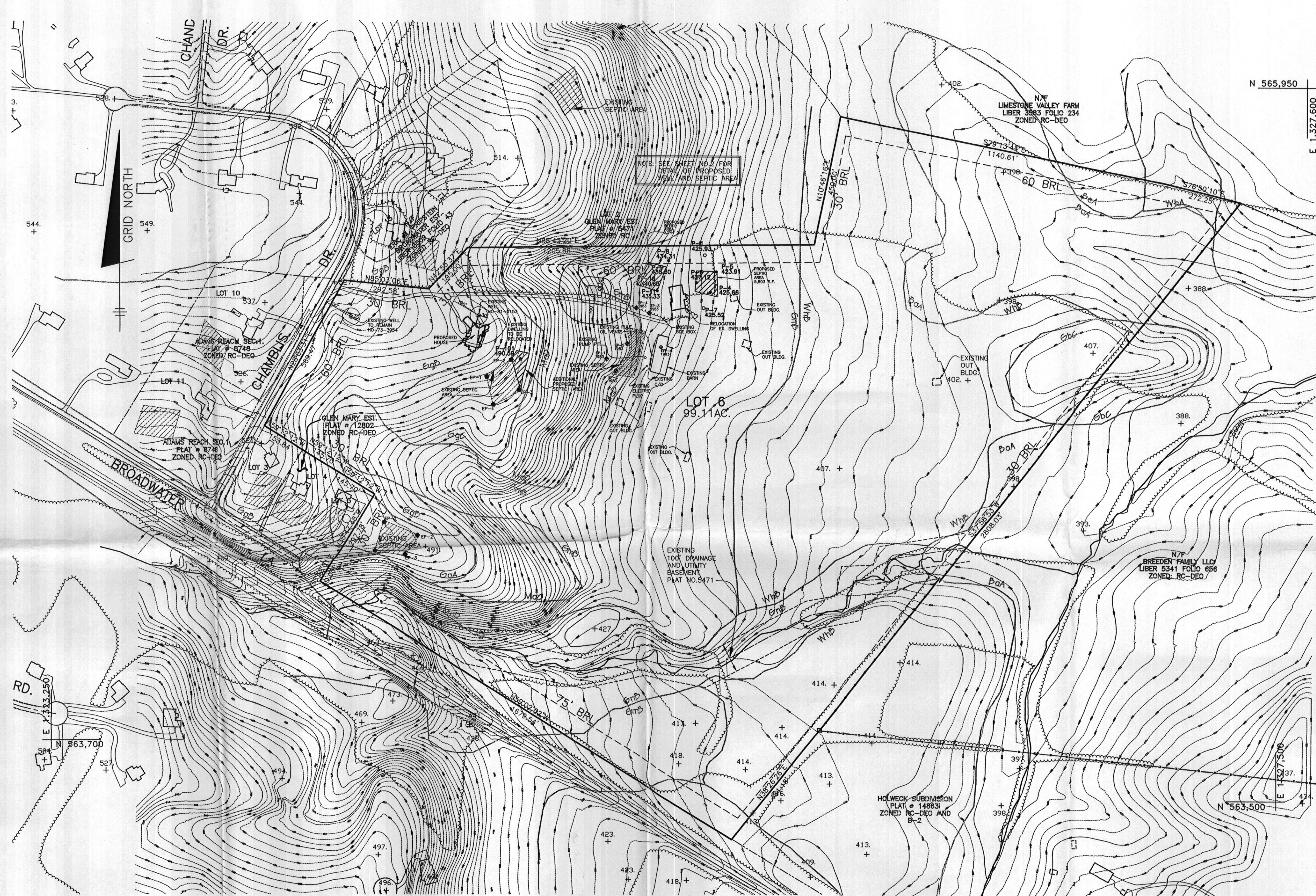
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

*Donald K. Mason* 6-25-08  
DONALD K. MASON  
PLAN PREPARER

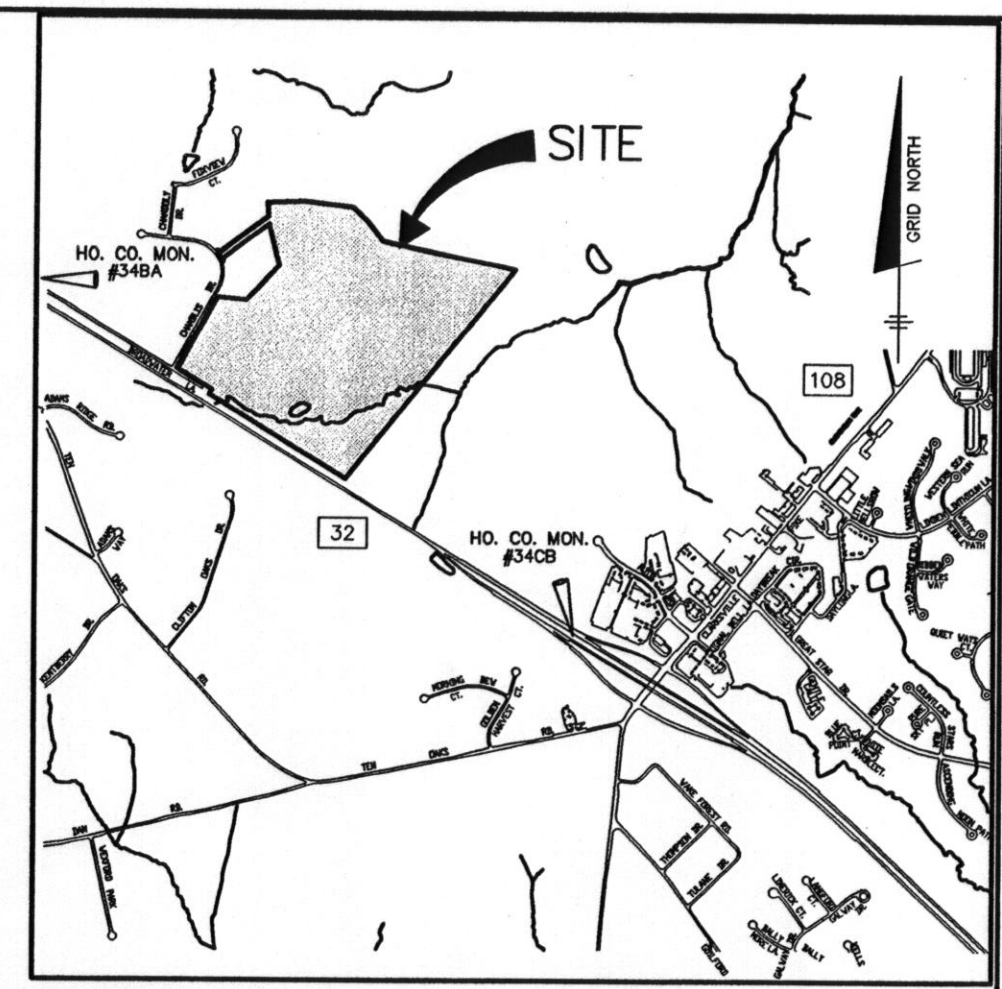
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT

*B.W. upon for Peter Beikeman* 7/14/2008  
HOWARD COUNTY HEALTH OFFICER DATE

<p align="center"><b>BENCHMARK</b> ENGINEERS &amp; LAND SURVEYORS &amp; PLANNERS <b>ENGINEERING, INC.</b></p> <p align="center">8480 BALTIMORE NATIONAL PIKE &amp; SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 &amp; FAX: 410-465-6844 WWW.BEI-CVENGINEERING.COM</p>		
<p>OWNER: ALBERT AND VIRGINIA SPOKES 5610 CHAMBLIS DRIVE CLARKSVILLE, MARYLAND 21029</p> <p>DEVELOPER: BUILDERS BEST HOMES, LLC PO BOX 351 CLARKSVILLE, MARYLAND 21029 443-631-5900</p>		
<p>TITLE: <b>PERCOLATION CERTIFICATION PLAN</b></p>		<p>TAX MAP: 34, GRID: 5 PARCEL: 15 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND</p>
<p>DESIGN: DAM</p>	<p>DRAFT: EDD</p>	<p>CHECK: DAM</p>
<p>DATE: APRIL 2008 JUNE 2008</p>		<p>BEI PROJ. NO. 2130</p>
<p>SCALE: 1" = 50'</p>		<p>SHEET 2 OF 2</p>



**BENCHMARK NAD'83 HORIZONTAL**  
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 CONCRETE BASE.  
 N 563852.4632' E 1324672.1943'  
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 RT. 32, 0.3 MILES WEST OF CLARKSVILLE.  
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 ELEVATION: 441.409'  
 RT. 32 BY RAMP TO FRO RT-108  
 (CLARKSVILLE)



**VICINITY MAP**  
 SCALE: 1" = 2000'

HOWARD COUNTY, MARYLAND (MD027)

BaA	Baile silt loam, 0 to 3 percent slopes	GmB	Glenville silt loam, 3 to 8 percent slopes
BeA	Benevola silt loam, 0 to 3 percent slopes	GnB	Glenville-Baile silt loams, 0 to 8 percent slopes
BeC	Benevola silt loam, 8 to 15 percent slopes	MaC	Manor loam, 8 to 15 percent slopes
GaC	Galla loam, 8 to 15 percent slopes	MaD	Manor loam, 15 to 25 percent slopes
GbC	Gladstone loam, 8 to 15 percent slopes	WhA	Wilshire silt loam, 0 to 3 percent slopes
GgA	Glenelg loam, 0 to 3 percent slopes	WhB	Wilshire silt loam, 3 to 8 percent slopes
GgB	Glenelg loam, 3 to 8 percent slopes		
GgC	Glenelg loam, 8 to 15 percent slopes		

NATURAL RESOURCES CONSERVATION SERVICES  
 WEB SOIL SURVEY 2.0

**GENERAL NOTES**

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- 3.) TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS.  
 2 FOOT CONTOURS HAVE BEEN INTERPOLATED.
- 4.) THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
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- 10.) SHOULD A USE BE PROPOSED FOR THE PLATTED SEPTIC EASEMENT NEAR THE SOUTHWEST PROPERTY LINE ADJOINING LOT 5, PERCOLATION TESTS WILL BE REQUIRED FOR VALIDATION UNLESS DATA FOR THE ORIGINAL PERCOLATION TESTS(1983) CAN BE PRESENTED.

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 Donald A. Mason 6-25-08  
 DONALD A. MASON  
 PLAN PREPARER  
 APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 Approved by Peter Beilenson 7/14/2008  
 HOWARD COUNTY HEALTH OFFICER  
 DATE: 7/14/08

**LEGEND**

- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING CL. STREAM
- EXISTING WETLANDS
- LIMIT OF SUBMISSION
- PROPOSED SEPTIC AREA
- SOILS DELINEATION
- PROPOSED WELL BOX
- TEST HOLE
- TEST HOLE FAILED
- EXISTING PERC HOLE

**PERCOLATION NOVEMBER 1983**

- EXISTING PERC HOLE PASSED
- EXISTING PERC HOLE FAILED

**PLAN**  
 SCALE: 1" = 200'

**BENCHMARK ENGINEERING, INC.**  
 ENGINEERS • LAND SURVEYORS • PLANNERS  
 8480 BALTIMORE NATIONAL PIKE • SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 phone: 410-465-6105 • fax: 410-465-6644  
 WWW.BE-CIVLENGINEERING.COM

**GLEN MARY ESTATES LOT 6**

OWNER: ALBERT AND VIRGINA SPOKES  
 5610 CHAMBLIS DRIVE  
 CLARKSVILLE, MARYLAND 21029

DEVELOPER: BUILDERS BEST HOMES, LLC  
 PO BOX 351  
 CLARKSVILLE, MARYLAND 21029  
 443-631-5900

LOCATION: TAX MAP: 34, GRID: 5  
 PARCELS: 15  
 ELECTION DISTRICT NO. 5  
 HOWARD COUNTY, MARYLAND

TITLE: PERCOLATION CERTIFICATION PLAN

DATE: APRIL 2008  
 JUNE, 2008

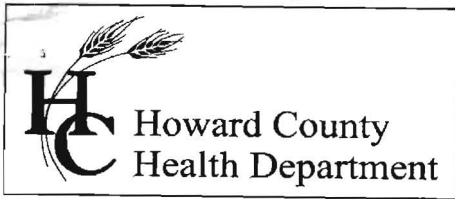
DESIGN: DAM DRAFT: EDD CHECK: DAM

SCALE: 1" = 200'

SHEET 1 OF 2

BEI PROJ. NO. 2130

PC-528887




Bureau of Environmental Health  
7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

**Peter L. Beilenson, M.D., M.P.H., Health Officer**

April 9<sup>th</sup>, 2010 -

**MEMORANDUM**

TO: Paul Mueller  
Mueller Homes, Inc.  
7520 Main St., Suite 201  
Sykesville, MD 21784

FROM: Kevin Wolf, Environmental Sanitarian   
Bureau of Environmental Health  
Well and Septic Program

RE: 5610 Chamblis Drive, Lot 6  
Clarksville, MD 21029  
M. 34, G. 5, P. 15 - 99.25 AC  
(Demolition of Existing House, Re-build New House)

This is to advise that the Howard County Health Department recommends issuance of the demolition permit for the above referenced property.

The existing well (HO-81-0153) will be utilized by the replacement house. By accepting this recommendation, the builder agrees with the following conditions set forth by the Health Department:

Before demolition, the well that served the current house must be properly disconnected and sealed off with protective devices placed around it to prevent any damage during demolition. These precautions should remain in place during the demolition and construction phases. The well (HO-81-0153) can be reconnected to the new house.

The existing septic system components must be properly disconnected and sealed off with protective barriers placed around it to prevent any damage during demolition and construction. The reconnection of the septic system to the new house will require a minor septic repair permit from our office. This may require observation ports to be installed at the ends of the existing trenches if applicable.

A septic inspection will need to occur for reconnection as well as a well inspection for final approval. Additionally, applicable water tests for issuance of an ICOP will be needed.

If any other wells or septic systems are found during site work, please notify this office immediately.

KMW  
Cc: File

RE: 5610 CHAMBERS DRIVE 5/4/10

TO: HOWARD COUNTY HEALTH DEPT.

FROM: PAUL MUELLER MUELLER HOMES

DEAR HEALTH DEPT:

THIS LETTER IS TO REQUEST  
A LETTER FROM YOU TO BE USED TO  
OBTAIN DEMO/MOVING PERMIT FOR

5610 CHAMBERS DRIVE  
CLARKSVILLE, MD

WE ARE MOVING EXISTING HOUSE  
TO A NEW LOCATION ON PROPERTY.  
THE NEW LOCATION WE HAVE PERMIT  
FOR (B0900344) BUT NEED DEMO/MOVE  
PERMIT ~~TO~~ ALSO. <sup>EXISTING</sup> THE WELL AND SEPTIC  
WILL BE ~~REMOVED~~ ~~INCLUDED~~ TO  
BE USED FOR FUTURE NEW HOUSE TO  
BE BUILT IN SAME SPOT IF POSSIBLE.  
THERE FOR WE DON'T WANT TO ABANDON  
THE WELL OR SEPTIC AT THIS TIME FURTHER  
AT THIS MOMENT THE WELL (NO 81-0153) IS  
PROVIDING WATER FOR THE HOUSES. BUT WE  
STILL NEED LETTER FROM YOU FOR BUILDING  
PERMIT OFFICE.

MY NUMBER IS 410 984-2265  
PAUL MUELLER

THANK YOU