



RECEIVED
APPLICATION
 2010 MY 26 AM 8:50
FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ @P 533259
 AGENCY REVIEW: _____ DATE 5-26-10

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:
<input type="checkbox"/> CONSTRUCT NEW SEPTIC SYSTEM(S)
<input type="checkbox"/> REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
<input type="checkbox"/> REPLACE AN EXISTING SEPTIC SYSTEM

CHECK ONE:
<input type="checkbox"/> CREATE NEW LOT(S)
<input type="checkbox"/> BUILD ON AN EXISTING LOT IN A SUBDIVISION
<input type="checkbox"/> BUILD ON AN EXISTING PARCEL OF RECORD | CHECK AS NEEDED:
<input type="checkbox"/> NEW STRUCTURE(S)
<input type="checkbox"/> ADDITION TO AN EXISTING STRUCTURE
<input type="checkbox"/> REPLACE AN EXISTING STRUCTURE

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?
<input type="checkbox"/> YES
<input type="checkbox"/> NO |
|---|--|
- THE TYPE OF STRUCTURE IS:
 RESIDENTIAL WITH _____ 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) Donald Reuser Jr + Deborah Reuser
 DAYTIME PHONE 443-367-0422 CELL 410-707-7054 FAX 443-367-0420
 MAILING ADDRESS 5300 DORSEY HALL DRIVE SUITE 102 ELlicott City, MD 21042
 STREET CITY/TOWN STATE ZIP
 APPLICANT Land Design - Development ext# 291
 DAYTIME PHONE 443-367-0422 CELL 410-977-1300 FAX 443-367-0420
 MAILING ADDRESS 5300 DORSEY HALL DRIVE SUITE 102 ELlicott City, MD 21042
 STREET CITY/TOWN STATE ZIP

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

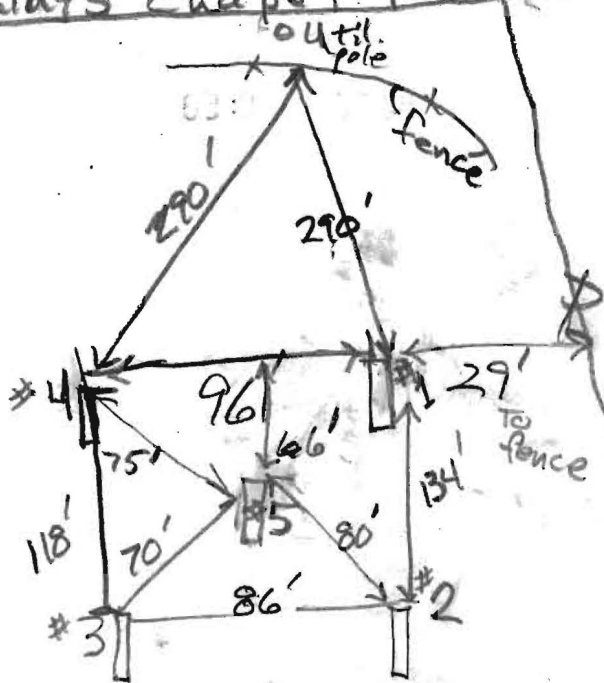
PROPERTY LOCATION
 SUBDIVISION/PROPERTY NAME _____ LOT NO. _____
 PROPERTY ADDRESS 4389 Jennings Chapel Rd Brookville MD 20835
 STREET TOWN/POST OFFICE
 AX MAP PAGE(S) 31 GRID _____ PARCEL(S) 221 PROPOSED LOT SIZE Terrat House

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 DETAILED SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MINIMUM UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

Dorrie Zile
 SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

Jennings Chapel Rd.



①
 dk grey brnsl
 to dk brn grsl
 0.6
 brn sl, 2fsbk
 1.4
 brn grsl 1usbk
 2.3
 pale yel-
 lt. brn
 10% gravel
 3-3.5
 yel-brn arls
 common fine mica
 7.5
 brn lfs
 10
 vst lfs, Mn coatings
 many fine mica
 3.5

④
 dk grey brn sl
 to dk brn sl
 3fsbk
 0.7
 brn fsl
 clay coatings
 2fsbk
 1.3
 brn fsl
 dense
 2.3
 yel brn fsl
 many fine mica
 3.5
 variegated
 lfs, sm
 8
 pale yel & brn
 lfs c.p. mica
 10.5
 pale yel & brn
 lfs blocky
 w/c. Mn
 coatings
 14.3

⑤
 dk grey brnsl
 to dk brn sl
 0.8
 brn sl
 1.5
 yel-red fsl
 dense
 pow gravel
 2.8
 yel-brn fsl
 10m
 3.8
 lt. brn gr lfs
 many fine mica
 6
 brn st lfs
 8.5
 lt. brn lfs
 many mica

②
 dk grey-brn sl
 to dk brn sl
 3fsbk c.p. mica
 1
 brn fsl
 1.8
 1 usbk
 yel-brn fsl
 c. mica, 1fsbk
 3
 yel-red & lt. brn
 st lfs
 4.5
 lt. brn & pale yel
 w/c 3d yel-red
 8
 lt. brn & pale yel w/
 fsl, brittle, blocky
 Mn coatings
 12.5
 increase
 w/depth

③
 dk grey brn
 to dk brn sl
 2fsbk c. mica
 0.3
 brn sl, 1usbk
 heavy, more dense
 1.3
 brn sl sm heavy
 2.5
 brn fsl sm
 many fine mica
 4
 lt. brn fsl, 1impl
 many fine mica
 7
 10
 lt. brn fsl
 c to yel-red
 1impl, few Mn coatings
 12.5
 lt brn grey fsl
 f 3d yel-red; f 2 Mn Fe
 many fine mica
 13

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/15/2010	3	4.8 / 13	10:01	10:07	10:17	10	P
6/15/2010	2	4.5 / 12.5	10:18	10:19:30	10:22	2.5	P
6/15/2010	5	4.3 / 13.5	10:32	10:33:20	10:37:10	3.8	P
6/15/2010	4	5.2	10:46:30		10:49:30	repair	
repair	4	5.2 / 14.3	10:50	10:52	10:54	2	P
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REMARKS _____
 SANITARIAN RB BACKHOE Mike Johnson OTHERS Mike Johnson Ron Green
 TEST HOLES USED IN SDA 1,2,3,4,5 AVG. PERC TIME 4 to 5 min SQ. FT/BR 125
 TRENCH WIDTH 2 INLET DEPTH 2-2.5 MAX. BOT DEPTH 6 EFFECTIVE SW Begins at 2.5-3 (4' at #3)



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(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

June 17, 2010

TO: Ron Green, applicant
Land Design and Development, Inc
Fax: 443-367-0420

FROM: Robert Bricker, CPSS, R.S.
Environmental Sanitarian Supervisor

RE: Percolation Test Results, Reuwer Property Tenant House, TM 21-Parcel 221; A533259

Dear Mr. Green,

Percolation testing was conducted on the referenced property on June 15, 2010. Five soil profiles were observed and standard percolation test were conducted in all five test pits. Percolation Test Results and profile observations indicate soils conditions that are satisfactory for onsite wastewater disposal. Subsequently, the area of the subject property represented by these observations may be designated as a septic reserve area for the proposed new tenant house. Field data collected are shown on the Percolation Test Results Worksheet. Recommendations for the type of septic system and the distribution design are based on observed soils properties and characteristics at the respective test locations as well as the particular soils materials tested.

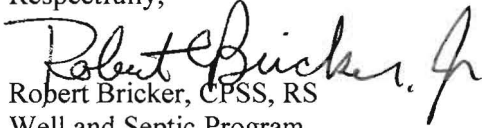
The soils tested have a loamy sand parent material that begins within 2 to 3 feet of the surface over most of the area tested. At the depth tested, the percolation rate of the loamy sands is moderately rapid. Depth of Trench bottom should be limited to 6 feet.

A Percolation Certification Plan revision must be presented for Parcel 221. The plan must include locations of all wells on the parcel and the accurate depiction of existing septic reserve areas. The complete boundary of Parcel 221 is to be shown on the Perc Cert. Please note that sometimes a Supplement is needed to accurately represent the entire parcel. My reference for the Parcel 221 boundary is Howard County GIS. I have enclosed a print output showing the parcel boundary. Please inform me if the GIS representation is inaccurate.

A well must be drilled, and the Well Completion Report approved by the Health Department, prior to Health Department approval of a Building Permit Application for the tenant house. The Well Permit Application may be considered after the Approving Authority signs the Percolation Certification Plan. If you have any questions regarding the soil evaluation, or the procedures stated above, please contact me at the above address or by calling (410) 313-2691.

An Addendum follows this letter. The two notes listed in the Addendum are to be added to the Percolation Certification Plan.

Respectfully,



Robert Bricker, CPSS, RS
Well and Septic Program
Development Coordination Section

Enclosures: 2 (perc test results, GIS output)
Copy: File

*Total
5 pages letter & Enclosures*

ADDENDUM: notes to be added to the Percolation Certification Plan

1. THE WELL FOR THE TENANT HOUSE SHALL BE DRILLED AND THE WELL COMPLETION REPORT APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPROVED.
2. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.



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- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

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STREET TOWN/POST OFFICE

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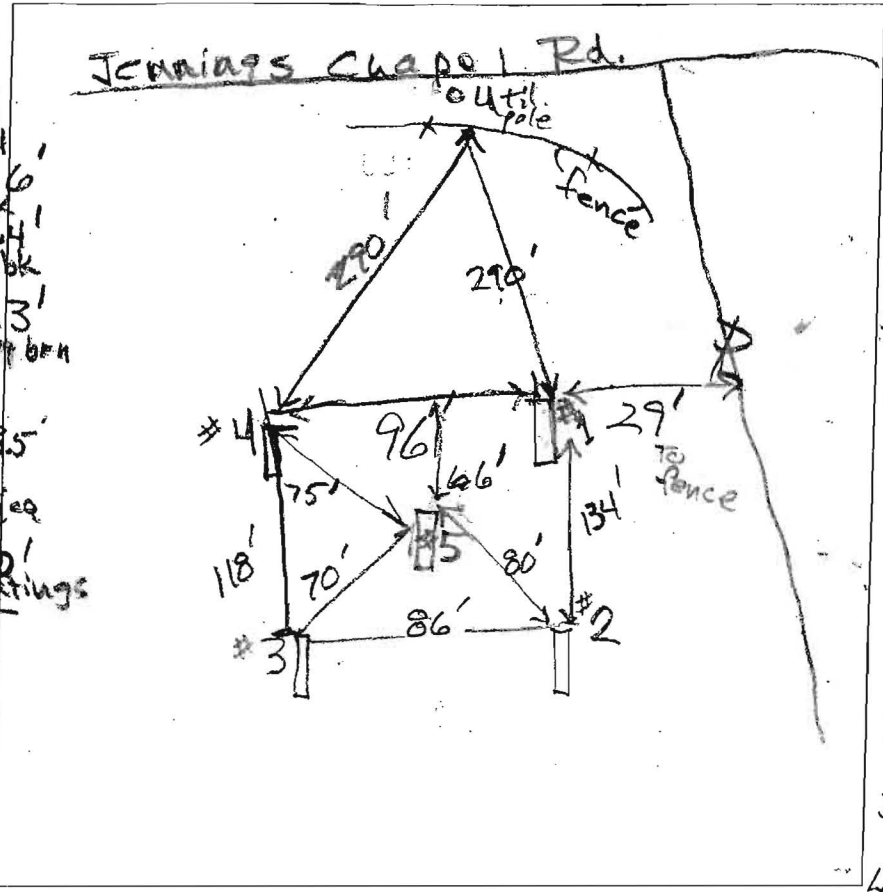
Devin Zier
SIGNATURE OF APPLICANT

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Jennings Chapel Rd.

①
 dk grey brns / to dk brn grsl 0.6
 brn sl, 2 fsk 1.4
 brn grsl 1 fsk 2.3
 pale yel - 17. brn 10% gravel 3.35
 yel-brn grls common fine mica 7.5
 brn lfs 10
 VST lfs, Mn coatings many mica 13.5

④
 dk grey brn sl / to dk brn sl 3 fsk 0.7
 brn fsl clay coatings 2 fsk 1.3
 brn fsl dense 2.3
 yel brn fsl many fine mica 3.5
 variegated lfs, Mn 8
 pale yel & brn lfs c.p. mica 10.5
 pale yel & brn lfs blocky w/c. Mn coatings 14.3



⑤
 dk grey brns / to dk brn sl 0.8
 brn sl 1.5
 yel-red fsl dense few gravel 2.8
 yel-brn fsl 3.8
 lt. brn gr lfs many fine mica 6
 brn st lfs 8.5
 lt. brn lfs many mica 13.5

②
 dk grey-brn sl / to dk brn sl 3 fsk c.p. mica 1
 brn fsl 1.8
 yel-brn fsl c. mica, fsk 3
 yel-red & lt. brn st lfs 4.5
 lt. brn & pale yel w/ c 3d yel-red 8
 lt. brn & pale yel w/ yel-red fsl, brittle, blocky Mn coatings increase w/ depth 12.5

③
 dk grey brn / to dk brn sl 2 fsk mica 0.3
 brn sl, 1 fsk heavy, more dense 1.3
 brn sl & Mn heavy 2.5
 brn fsl Mn many fine mica 4
 lt. brn fsl, 1 impl many fine mica 7
 lt. brn fsl c to yel-red 1 impl, few Mn coatings 10
 lt brn grey fsl f 3d yel-red, f 2 Mn & Fe many fine mica 12.5
 13

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 TRENCH WIDTH 2 INLET DEPTH 2-2.5 MAX. BOT DEPTH 6 EFFECTIVE S/W Begins at 2.5-3 (4' at #3)

-77°3.33"



39°15'37"



39°15'37"

-77°3.33"



Disclaimer: Howard County, Maryland assumes no responsibility for the accuracy of this report or the information contained herein or derived therefrom. The user assumes all risks and liabilities whatsoever resulting from or arising out of the use of this information. There are no oral agreements or warranties relating to the use of this report.

Information

AccountID: 1404355873

OccupiedBy: D

OwnerName1: Reuwer Donald R Jr

OwnerName2: Reuwer Deborah L T/e

OwnerAddress1: 5300 DORSEY HALL DR STE 102

OwnerAddress2: ELLICOTT CITY MD 21042

LegalDescript1: IMPS213.16 A

LegalDescript2: 4389 JENNINGS CHAPEL RD

DeedLiber: 03584

DeedFolio: 0270

Subdivision: JENNINGS CHAPEL

Plat:

Section:

Block:

Lot:

Map: 21

Grid: 13

Parcel: 221

MapParcelLot: M21P221L

ExemptionClass: NOT EXTRACTED Taxable Property

Acres: 213.16

StructureGrade: very good

ConstructionType: stucco

Stories: 2 story with basement

DwellingType: standard single family unit 1, 2 or 3 story

YearBuilt: 1942

BuildingSquareFeet: 7282

SalesTransNo: 955978

TransferDate: 19951017

SalePrice: 1000000

LandValue: 507440

ImprovementValue: 1699270

TotalValue: 2206710

X: -77.060655

Y: 39.260679

AllOwners: REUWER DONALD R JR / REUWER DEBORAH L T/E

Flood: In



Bureau of Environmental Health
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website: www.hchealth.org

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

July 7, 2010

To: Jacob Hickmat, P.E. *410-997-0298*
Mildenberg-Boender & Assoc., Inc.

From: Robert Bricker, CPSS, RS/REHS
Environmental Sanitarian Supervisor
Well and Septic Program

RE: Reuwer Property Tenant House, Percolation Certification Plan comments, PC533259

The following corrections, deletions or amendments are needed for approval of this plan:

1. The proposed house footprint has been altered by a hand-drawn representation. It is desirable to allow ample area in the vicinity of the residence for future improvements.
2. The topographic lines need to be darker, and the soil map unit labels need to be darker (on the paper copies).
3. Label the Parcel (TM 21, P 221) with the acreage.
4. The perc test locations 'P1' and 'P4' (and subsequently the proposed septic reserve) do not appear to be properly located relative to the Jennings Chapel Road R-O-W. I measured 290 feet from both staked locations of the upper perc tests to a point on the fence near a utility pole in the Jennings Chapel Road R-O-W. The scaled distance from the upper perc test to the property line at the Jennings Chapel Road R-O-W is about 330-335 feet.
5. Show the existing septic reserve area and well at the primary residence. For reference distances/locations, I am including drawings from the Health Department file for '4389 Jennings Chapel Road'.
6. Add a purpose statement.
7. Add these Notes

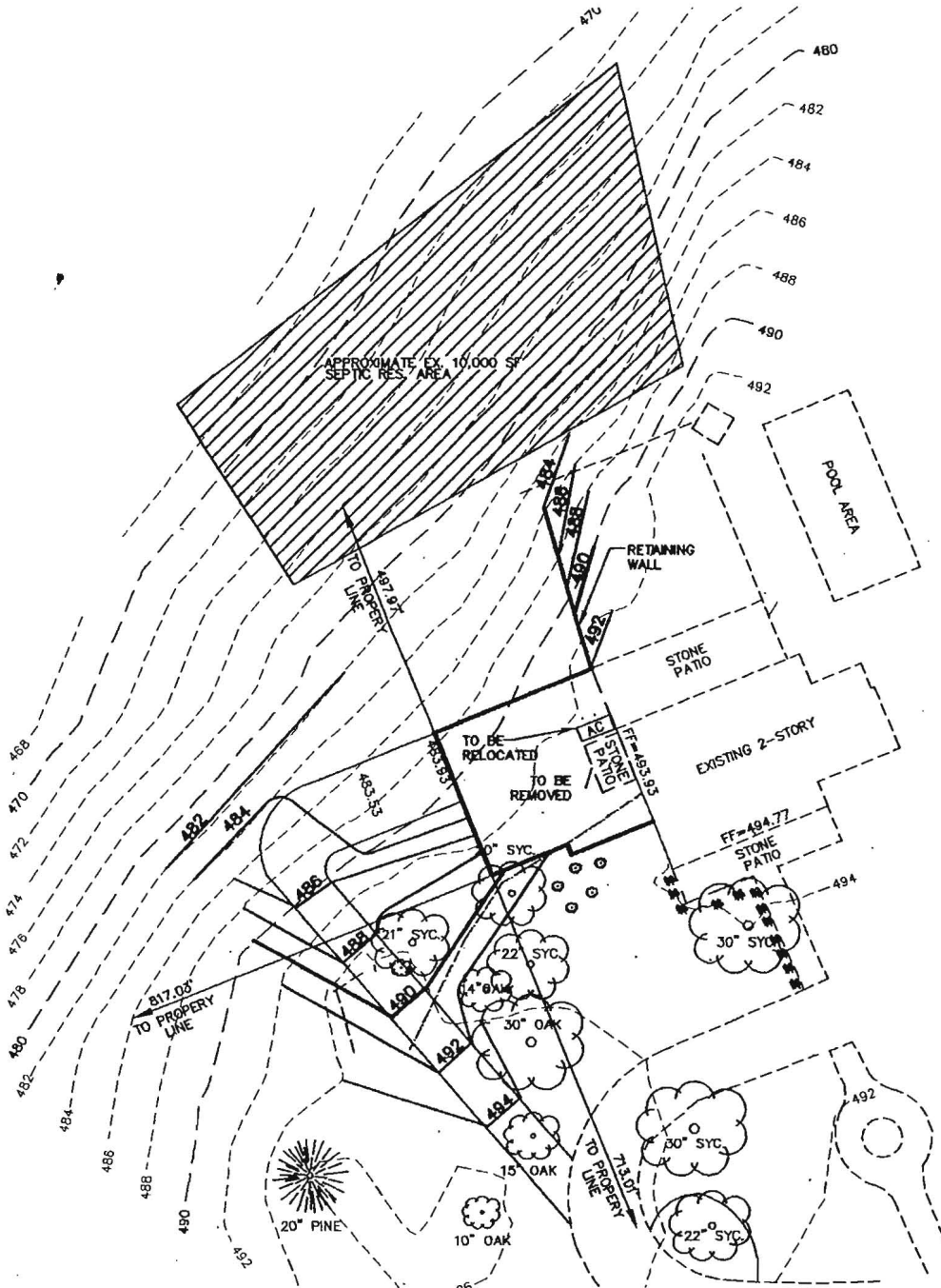
THE WELL FOR THE TENANT HOUSE SHALL BE DRILLED AND THE WELL COMPLETION REPORT APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPROVED.

ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THE PARCEL SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.

If you have any questions regarding these requirements, please contact me at the above address or by calling (410) 313-2691.

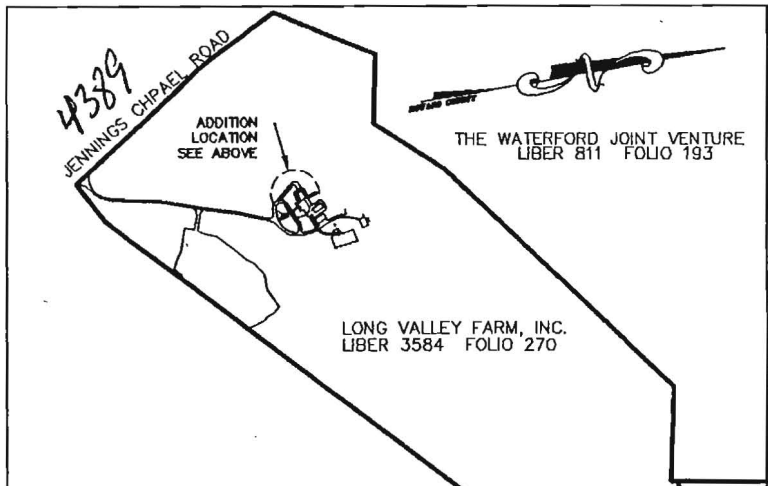
Enclosure
Copy: Ron Green, Land Design and Development
File



EX. WELL

6/29/05
 B 151438
 Approved
Lace Jones
 1:50
 scale

SITE PLAN
 SCALE: 1" = 50'



[Handwritten signature]
 MARYLAND
 BERG

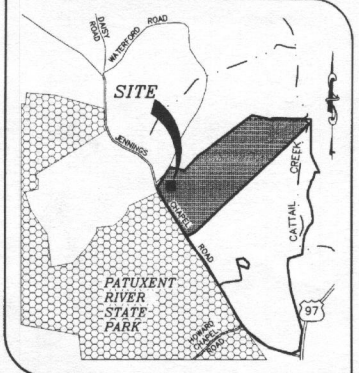
10-007/UM/PER-PLAT



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


HOWARD COUNTY HEALTH OFFICER

DATE







VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES:

1. SITE DATA:
TAX MAP 21 - P/O PARCEL 221 - BLOCK 13 & 19 - LOT 2
DEED REFERENCE : 1) /3584/270 2) /4468/859
GROSS AREA : 2.1318 ACRE ±
ZONE : RC-DEO (ZONING MAP DATED OCTOBER 18, 1993)
2. BOUNDARY AND TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHY AND VERIFIED BY MILDENBERG, BOENDER AND ASSOCIATES.
3. NO GRAVE SITES EXIST ON THE PROPERTY.
4. NO WETLANDS OR STREAMS EXIST WITHIN 200' OF PROPOSED HOUSE OR SEPTIC EASEMENT.
5. NO FLOODPLAIN EXISTS WITHIN 200' OF PROPOSED HOUSE.
6. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. TO THE BEST OF OUR KNOWLEDGE, NO WELLS OR SEPTIC AREAS EXIST WITHIN 200' OF PROPOSED HOUSE OR SEPTIC AREA.
8.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE 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 PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
9. THE PROPOSED HOUSE WILL HAVE 5 BEDROOMS.

LEGEND

-  PROPOSED SEWERAGE RESERVE AREA
-  PROPOSED WELLS
-  PROPOSED WELL RESERVE AREA
-  PROPOSED PERC HOLES

SOILS DESCRIPTION

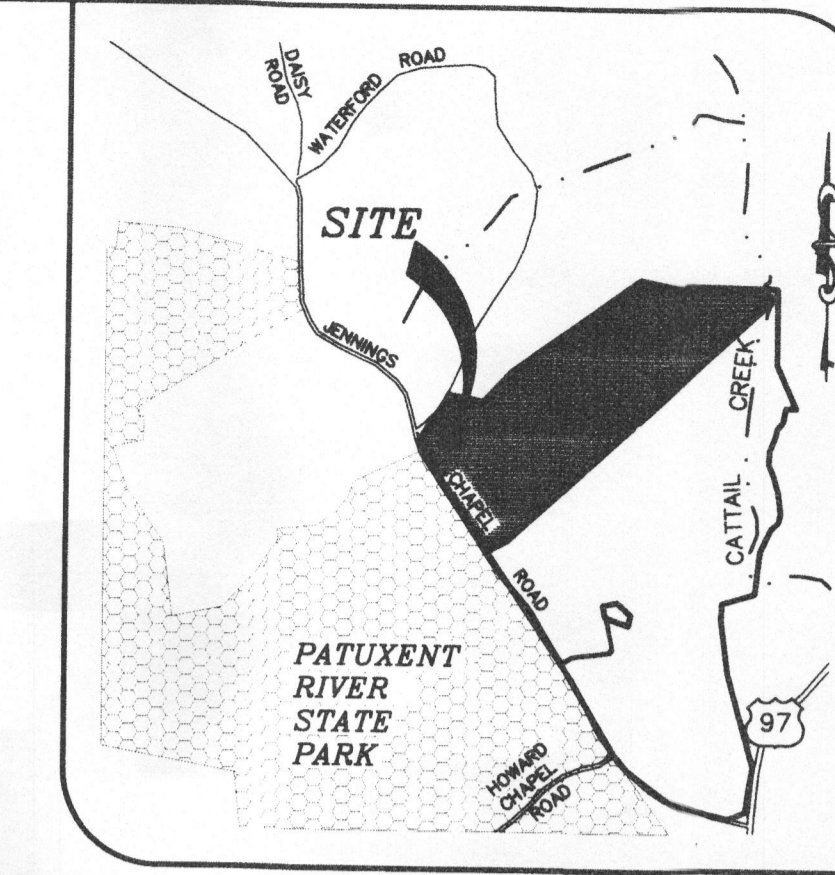
SYMBOL	TYPE	DESCRIPTION
GsB	(B)	GLENELG LOAM, 3-8 PERCENT SLOPES
GsC	(B)	GLENELG LOAM, 8-15 PERCENT SLOPES
GmB	(C)	GLENVILLE SILT LOAM, 8-15 PERCENT SLOPES
MsC	(B)	MANOR LOAM, 8-15 PERCENT SLOPES
MsD	(B)	MANOR LOAM, 15-25 PERCENT SLOPES
MwF	(B)	MANOR-BRONKLO COMPLEX, 25-60 PERCENT SLOPES

Project	10-007	Date	APRIL 2000
Illustration	MEAM	Engineering	MEAM
Scale	1"=100'	Approval	RJH

No.		description	revisions

REUER PROPERTY
TENANT HOUSE
TAX MAP 21 - PARCEL 221
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PERC CERTIFICATION PLAT

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
6600 Deerpath Road, Suite 150, Ellicott City, Maryland 21075
(410) 997-0286 Bat. (410) 997-0288 Fax.



VICINITY MAP
SCALE: 1" = 200'

project	10-007	date	JUNE 2010
illustration	MMM	engineering	MMM
scale	1" = 100'	approval	RJH

no.	description	revisions	date

REUWER PROPERTY
TENANT HOUSE
TAX MAP 21 - PARCEL 221
HOWARD COUNTY, MARYLAND
FOURTH ELECTION DISTRICT
PERC CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
6600 Deerpath Road, Suite 150, Elkridge, Maryland 21075
(410) 997-0296 Fax



TAX MAP 21 (PARCEL 221)
TOTAL PARCEL AREA 213.16 ACRES

GENERAL NOTES:

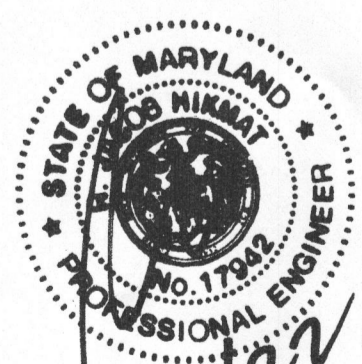
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- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE 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 PRIVATE SEWERAGE EASEMENT, & RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THE PROPOSED HOUSE WILL HAVE 5 BEDROOMS.
- THE WELL FOR THE TENANT HOUSE SHALL BE DRILLED AND THE WELL COMPLETION REPORT APPROVED BY THE HEALTH DEPARTMENT PRIOR TO BUILDING PERMIT APPROVAL.
- ANY CHANGES TO A PRIVATE SEWERAGE ARE SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THE PARCEL SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
- THE PURPOSE OF THIS PERCOLATION PLAN IS TO PROVIDE PERCOLATION AND WELL AREA FOR A TENANT HOUSE.
- ALL EXISTING STRUCTURES ARE TO REMAIN.

LEGEND

- PROPOSED SEWERAGE RESERVE AREA
- PROPOSED WELLS
- PROPOSED WELL RESERVE AREA
- PROPOSED PERC HOLES
- EXISTING SPETIC AREA

SOILS DESCRIPTION

SYMBOL	TYPE	DESCRIPTION
GgB	(B)	GLENELG LOAM, 3-8 PERCENT SLOPES
GgC	(B)	GLENELG LOAM, 8-15 PERCENT SLOPES
GmB	(C)	GLENVILLE SILT LOAM, 8-15 PERCENT SLOPES
MaD	(B)	MANOR LOAM, 8-15 PERCENT SLOPES
MmD	(B)	MANOR LOAM, 15-25 PERCENT SLOPES
MmF	(B)	MANOR-BRONKLO COMPLEX, 25-50 PERCENT SLOPES



1722/10

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

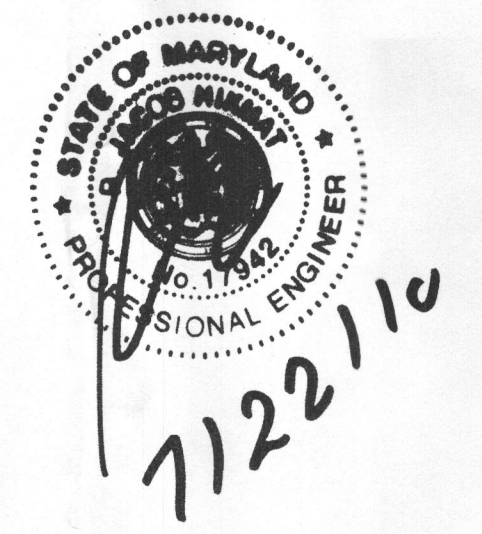
Signature
HOWARD COUNTY HEALTH OFFICER

DATE 8/4/2010

10-007(L)MC/PER-PLAT

10-007\DWG\PER-PLAT

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
B. Nifon for Peter Bsileus 8/4/2010
HOWARD COUNTY HEALTH OFFICER DATE 1790



SOILS DESCRIPTION

SYMBOL	TYPE	DESCRIPTION
GgB	(B)	GLENELG LOAM, 3-8 PERCENT SLOPES
GgC	(B)	GLENELG LOAM, 8-15 PERCENT SLOPES
GmB	(C)	GLENVILLE SILTY LOAM, 8-15 PERCENT SLOPES
MaC	(B)	MANOR LOAM, 8-15 PERCENT SLOPES
MaD	(B)	MANOR LOAM, 15-25 PERCENT SLOPES
MkF	(B)	MANOR-BRONKLO COMPLEX, 25-60 PERCENT SLOPES

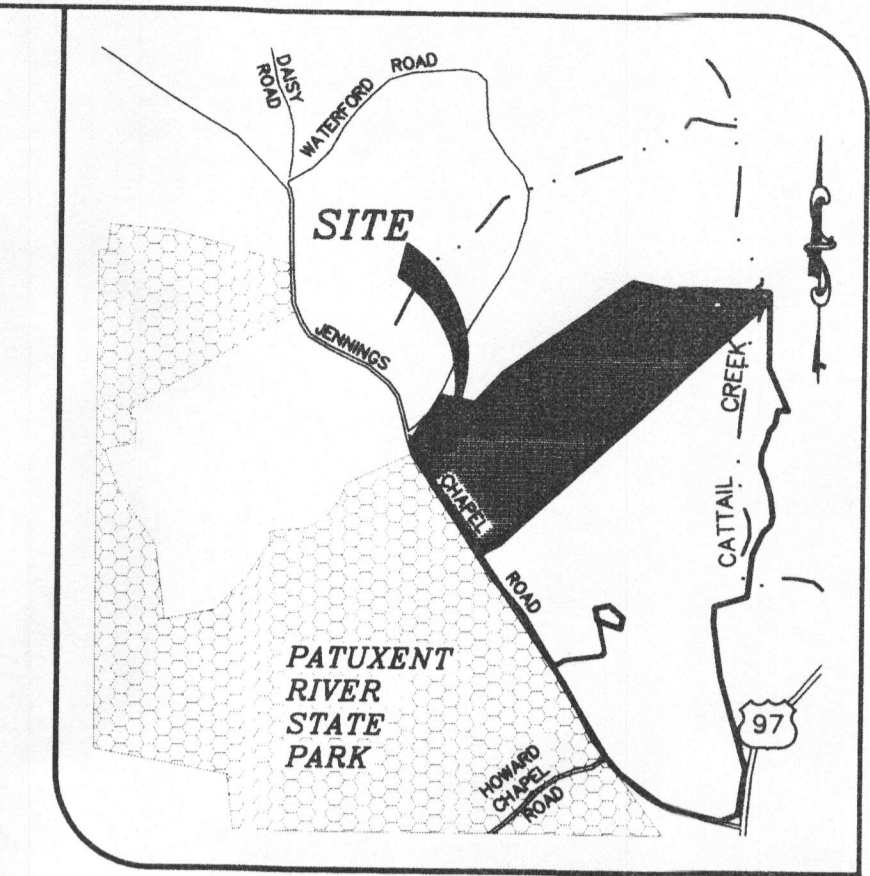
project	10-007
illustration	MM
scale	1"=100'
date	JUNE 2010
engineering	MM
approval	MM
approval	RJH

no.	description	revisions	date

REUWER PROPERTY
TENANT HOUSE
TAX MAP 21 - PARCEL 221
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PERC CERTIFICATION PLAT

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
6800 Deepwater Road, Suite 150, Ellicott City, Maryland 21075
(410) 987-0296 (410) 987-0298 Fax

PC533259



VICINITY MAP
SCALE: 1" = 200'

Project	10-007	date	JUNE 2010
Illustration	MM	engineering	MM
scale	1" = 100'	approval	RH

no.	description	date

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TENANT HOUSE
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HOWARD COUNTY, MARYLAND
PERC CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
6800 Deepwater Road, Suite 150, Beltsville, Maryland 21075
(410) 987-0296 Fax: (410) 987-0298 Fax



TAX MAP 21 PARCEL 221
TOTAL PARCEL AREA 213.16 ACRES

GENERAL NOTES:

- SITE DATA:
TAX MAP 21 - P/O PARCEL 221 - BLOCK 13 & 19 - LOT 2
DEED REFERENCE: 1) /3584/270 2) /4468/659
GROSS AREA 213.16 ACRE ±
ZONE RC-DEO (ZONING MAP DATED OCTOBER 18, 1993)
- BOUNDARY AND TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY AREAL TOPOGRAPHY AND VERIFIED BY MILDENBERG, BOENDER AND ASSOCIATES.
- NO GRAVE SITES EXIST ON THE PROPERTY.
- NO WETLANDS OR STREAMS EXIST WITHIN 200' OF PROPOSED HOUSE OR SEPTIC EASEMENT.
- NO FLOODPLAIN EXISTS WITHIN 200' OF PROPOSED HOUSE.
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SOILS DESCRIPTION

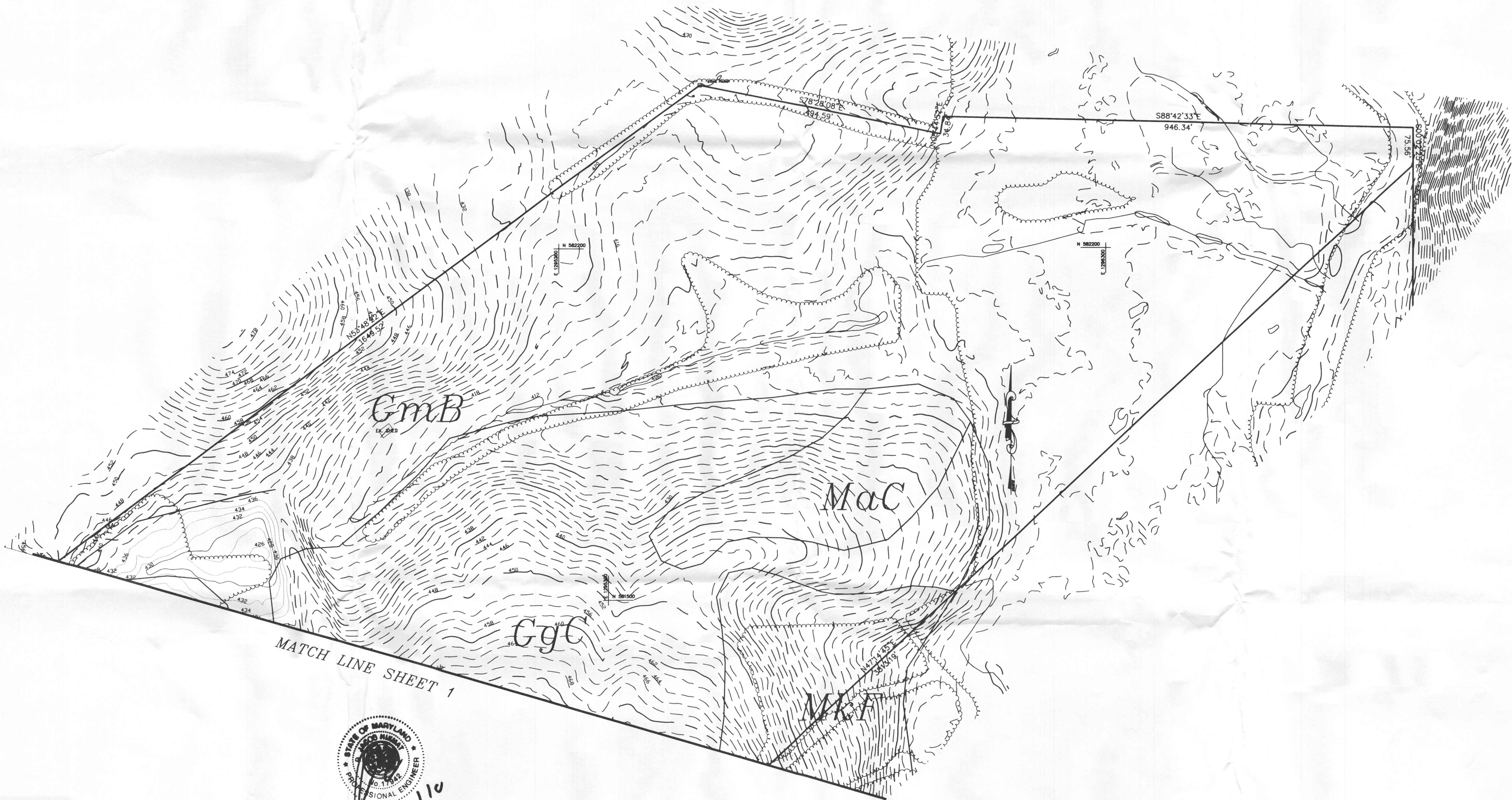
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MkF	(B)	MANOR-BRONKLO COMPLEX, 25-60 PERCENT SLOPES

STATE OF MARYLAND
Professional Engineer
No. 17792
1/22/10

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

B. Wilson for Peter Beleson 8/4/2010
HOWARD COUNTY HEALTH OFFICER DATE 7/9/10

10-007.DWG/PER-PLAT



STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 No. 17542
 7/22/10

SOILS DESCRIPTION

SYMBOL	TYPE	DESCRIPTION
GgB	(B)	GLENELG LOAM, 3-8 PERCENT SLOPES
GgC	(B)	GLENELG LOAM, 8-15 PERCENT SLOPES
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

B. Wilson for Peter B. Jensen 8/4/2010
 HOWARD COUNTY HEALTH OFFICER DATE 7/9/09

project	10-007	date	JUNE 2010
illustration	MMM	engineering	MMM
scale	1"=100'	approval	RJH

no.	description	date
	revisions	

REUER PROPERTY
 TENANT HOUSE
 TAX MAP 21 - PARCEL 221
 HOWARD COUNTY, MARYLAND
 FOURTH ELECTION DISTRICT
 PERC CERTIFICATION PLAT

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