



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

A/P 557398

AGENCY REVIEW: _____

DATE 10-2-15

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:

CHECK AS NEEDED:

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

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

CHECK ONE:

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

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

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 4-5 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) George Tye

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 2614 Wellworth Way West Friendship MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT Greg Phillips

DAYTIME PHONE 410-977-0864 CELL 410-977-0864 email gphillips@mdred.us
FAX _____

MAILING ADDRESS 7846 River Rock Way Columbia MD 21044
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Locust Ridge Estates Section One LOT NO. 2

PROPERTY ADDRESS 3677 Folly Quarter Rd. Ellicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 23 GRID 09 PARCEL(S) 68 PROPOSED LOT SIZE 1.16

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 OF 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

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



Office of the Health Officer
8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-6300 | Fax: 410-313-6303
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

TO: Gregory Phillips.
Maryland Real Estate Development LLC
7846 River Rock Way
Columbia, Maryland 21044

FROM: Dana Bernard, REHS/RS
Well and Septic Program

RE: 3677 Folly Quarter Road
Percolation Certification Testing Plan

DATE: May 5, 2016

The following comments apply to the plan presented by Maryland Real Estate Development LLC and are advised to revise and resubmit at the time of percolation certification plan approval.

1. Additional percolation testing will be required to help establish your septic easement. Currently you are showing an easement with parts of it not verified by percolation testing. I have attached an exhibit showing the confirmed area and the spots where potential testing holes could be placed. (Exhibit 1)
2. Proposed well sites must be 10 feet from the driveway.
3. The existing well must be must be abandoned because it is less than 100 feet away from the existing septic easement next door to the property.
4. Information on all septic areas and wells surrounding the property must be shown on plan.
5. Soil maps must be shown on plan.
6. Elevations for percolation holes must be shown on plan.

Please schedule additional percolation testing so we can get your plan approved as soon as possible. If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Sincerely,

Dana Bernard, REHS/RS
Environmental Specialist II
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov

Maryland Real Estate Development



Transmittal

DATE: April 26, 2016

TO:

**Dana Bernard, REHS/LEHS
Bureau of Environmental Health
Well & Septic Program**

Gregory Phillips
Maryland Real Estate Development LLC
7846 River Rock Way
Columbia, MD 21044

gphillips@mred.us

Direct 410-977-0864

Regarding:

3677 Folly Quarter Road

PERC Certification

Bernard, Dana

From: Bernard, Dana
Sent: Friday, May 13, 2016 1:27 PM
To: 'Paul Sill'
Subject: RE: 12934 Folly Quarter Road

Confirming 9:30 a.m.

From: Paul Sill [mailto:paul@sillengineering.com]
Sent: Friday, May 13, 2016 1:14 PM
To: Bernard, Dana
Subject: RE: 12934 Folly Quarter Road

Hey Dana,

Thanks for trying to fit us in sooner, but I can't get a backhoe lined up. So let's stick with the 23rd. What time do you want to start? Did you have any comments on the perc app that you need me to address before testing?

Thanks,
Paul

From: Bernard, Dana [mailto:dbernard@howardcountymd.gov]
Sent: Tuesday, May 10, 2016 8:57 AM
To: Paul Sill <paul@sillengineering.com>
Subject: RE: 12934 Folly Quarter Road

How about the 16th

From: Paul Sill [mailto:paul@sillengineering.com]
Sent: Monday, May 09, 2016 9:08 PM
To: Bernard, Dana
Subject: RE: 12934 Folly Quarter Road

Hi Dana,

Can you confirm if you have any other dates prior to the 23rd?

Thanks,
Paul

From: Paul Sill
Sent: Thursday, May 05, 2016 3:20 PM
To: 'Bernard, Dana' <dbernard@howardcountymd.gov>
Subject: RE: 12934 Folly Quarter Road

I talked with Justin at Level Land and while he can do the test, he said we can't get Miss Utility out there by Monday. Do you have any other dates before the 23rd?

From: Bernard, Dana [mailto:dbernard@howardcountymd.gov]
Sent: Thursday, May 05, 2016 9:03 AM
To: Paul Sill <paul@sillengineering.com>
Subject: RE: 12934 Folly Quarter Road

Monday, May 9th 2016

From: Paul Sill [<mailto:paul@sillengineering.com>]
Sent: Wednesday, May 04, 2016 6:03 PM
To: Bernard, Dana
Subject: RE: 12934 Folly Quarter Road

Hey Dana,

I'm checking with the client for the backhoe availability. Do you have any dates available sooner? The client is anxious to get things under construction.

Thanks,
Paul

From: Bernard, Dana [<mailto:dbernard@howardcountymd.gov>]
Sent: Wednesday, May 04, 2016 2:00 PM
To: Paul Sill <paul@sillengineering.com>
Subject: 12934 Folly Quarter Road

Good Afternoon Mr. Sill,

I have May 23, open for percolation testing and I would like to know who will be the contractor I will be working with so I can touch bases with them.

Thank you & Have a*""
,,,' ,,*"" ,,*""
(,,' (,,' * Wonderful Day !

Dana Bernard, R.E.H.S/L.E.H.S.
Environmental Specialist II
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov

A/P

#7

Red Brown
yellow
SCH

4'

Red Brown
yellow
FSL

@12'



13'

#8

Red Brown
yellow
SCH

4'

Red Brown
yellow
~~SCH~~

5-10%
↓ RY

11

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3-9-16	7	5/13	10:59	11:04	11:12	8min	P
3-9-16	8	5/11	11:00	11:15	11:20	5min	P

REMARKS

SANITARIAN DBurns BACKHOE Jake w Joggles OTHERS

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

4 BEDROOM MODEL DRIP SYSTEM

8 TRENCH OFFSET SCHEDULE								
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
3' TRENCH		3 FEET						
FREE SPACING		10 FEET						
TOTAL SPACING AREA	114							

Bernard, Dana

From: Paul Sill <paul@sillengineering.com>
Sent: Tuesday, May 10, 2016 9:02 AM
To: Bernard, Dana
Subject: RE: 12934 Folly Quarter Road

That should be a winner. Let me confirm with the backhoe guy (Level Land) and the client.

Thanks!

Paul

From: Bernard, Dana [mailto:dbernard@howardcountymd.gov]
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Thank you & Have a*~*)
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Dana Bernard, R.E.H.S/L.E.H.S.
Environmental Specialist II
Bureau of Environmental Health
Well and Septic Program
Phone (410) 313-2775
E-mail: DBernard@howardcountymd.gov

A/P

#1

Red Brown
yellow
Sh

4'

Red Brown
yellow
Sh
many
mud

↓

#2

Red Brown
yellow
Sh
many mud

14'

Red Brown
yellow
FSH

5-10%
R4
many
mud

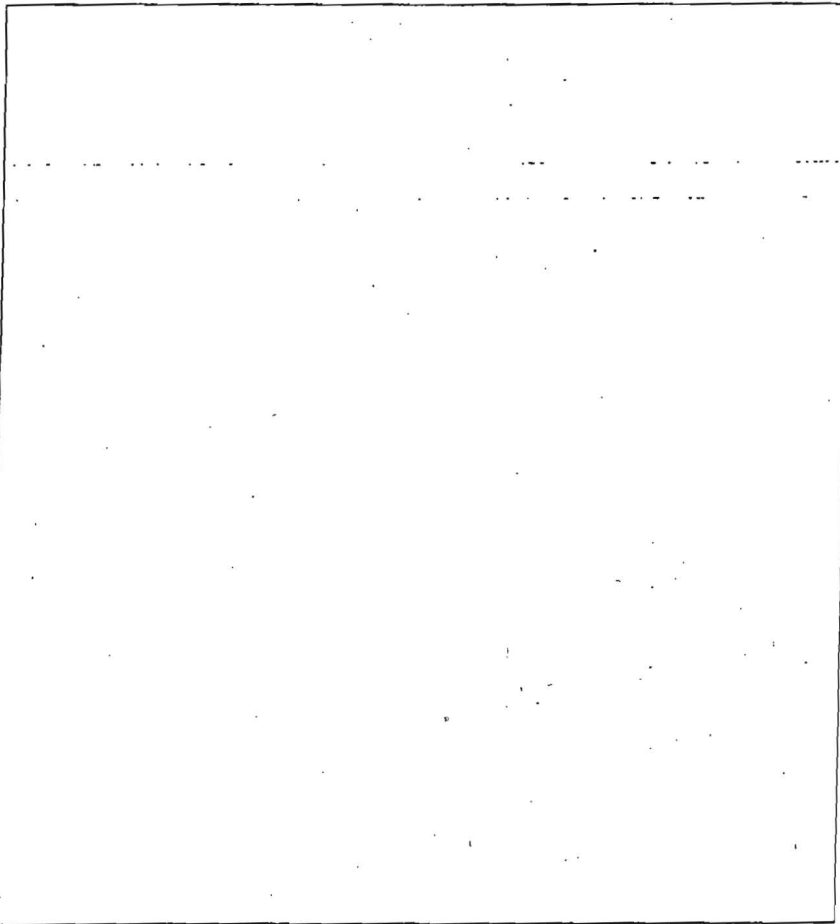
10'

#3

Red Brown
yellow
5-10%
R4
many
mud

5'

Red Brown
yellow
Refusal
@ 6'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3-9-16	5	5/14	9:54	9:56	10:01	5min	P
3-9-16	1	5/14	10:02	10:06	10:14	8min	P
3-9-16	2	5/10	10:14	10:16	10:20	4min	P
3-9-16	6	5/10.5	10:31	10:34	10:45	11min	P
3-9-16	3	6	NO Buffer		Refusal @ 6		
3-9-16	4	7	NO Buffer		Refusal @ 7		
3-9-16							

REMARKS

SANITARIAN

Burud

BACKHOE

Jake w/ Joggles

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE SAW

#4

Red Brown
yellow
Sh

40-50%
Refusal
R4 Large
Boulders

@
7'

#5

Red Brown
yellow

5-10%

R4 4.5

Red Brown
yellow
FSH

many
mud

↓ 14'

#6

Red Brown
yellow
Sh

5-10%
R4

4'

Red Brown
yellow
Sh

↓ 10.5'

#23

Red Brown
yellow
SCL

4.5'

Red Brown
yellow
SCL

5-10%
RV



14'

#21

Red Brown
yellow
SCL

4.5'

Red Brown
yellow
SCL

30-40%
RV @ 6'

Red Brown
yellow
FSL @ 8'

#17

Red Brown
yellow
SCL

5'

Red Brown
yellow
SCL

40-50%
RV
Refusal @ 9'

Solid Rock
750%

Could not dig shallow refusal
23E 23F

23A

Red Brown
yellow
SCL

4.5'

Red Brown
yellow
FSL



14'

23B

Red Brown
yellow
SCL

20-30%
Refusal @ 5'

5'

750%
RV @ 5'

23C & 23D

Red Brown
yellow
many
mud
SCL

4'

Red Brown
yellow
SCL

750%
Rock
Refusal @ 5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5-26-16	23	5 1/4	10:49	10:56	10:04	8min	P
5-26-16	21	5 1/4	11:06	11:06	11:07	1min	F
	Repair		11:07	11:18	11:09		→
5-26-16	17		Too Much RV	Refusal @ 9'			F
5-26-16	23A	5 1/4	11:37	11:38	11:39	1m	P
	Repair		11:42	11:44	11:47	3m	
5-26-16	23B		Too Much RV	750%			F
5-26-16	23C		750% RV	Refusal @ 5'			F
5-26-16	23D		750% RV	Refusal @ 5'			F

REMARKS

SANITARIAN Bernard BACKHOE Joggles OTHERS Greg Phillips

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Maryland Real Estate Development



Transmittal

DATE: July 28, 2016

TO:

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

Gregory Phillips
Maryland Real Estate Development LLC
7846 River Rock Way
Columbia, MD 21044

gphillips@mred.us

Direct 410-977-0864

Regarding:

Folly Quarter Extra Signed Perc copies being returned

PER July 19, 2016 email.

A handwritten signature in black ink, appearing to be "JP", is located below the text.

From: Williams, Jeffrey jewilliams@howardcountymd.gov
Subject: RE: Folly Quarter Approval
Date: July 19, 2016 at 12:34 PM
To: Gregory Phillips gphillips@mred.us, Wolf, Kevin KWolf@howardcountymd.gov



Can you please return two if possible. It does seem like you were given all the signed copies by mistake. We usually keep two and give the rest back to the applicant/engineer.

From: Gregory Phillips [<mailto:gphillips@mred.us>]
Sent: Tuesday, July 19, 2016 11:06 AM
To: Wolf, Kevin; Williams, Jeffrey
Subject: Re: Folly Quarter Approval

Maybe I got too many original signatures by mistake!!

Let me know and I can return one!

Gregory Phillips
Maryland Real Estate Development
Direct 410.977.0864
gphillips@MRED.US



On Jul 19, 2016, at 10:49 AM, Wolf, Kevin <KWolf@howardcountymd.gov> wrote:

No. I could not find a signed copy in our records. Just making sure you had one.

From: Gregory Phillips [<mailto:gphillips@mred.us>]
Sent: Tuesday, July 19, 2016 10:46 AM
To: Wolf, Kevin
Subject: Re: Folly Quarter Approval

I do.

Do you need one from me??

Regards,

Gregory Phillips
Maryland Real Estate Development
Direct 410.977.0864
gphillips@MRED.US

Maryland Real Estate Development



From: Greg Phillips
7846 River Rock Way
Columbia, Maryland 21042

To: Dana Bernard, REHS/RS
Well and Septic Program

RE: 3677 Folly Quarter Road
Percolation Certification Plan

DATE: November 12, 2015

Resubmission per October 15, 2015, Letter.

Maryland Real Estate Development



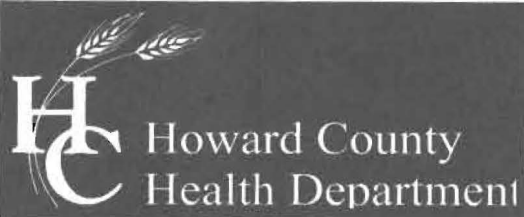
From: Greg Phillips
7846 River Rock Way
Columbia, Maryland 21042

To: Dana Bernard, REHS/RS
Well and Septic Program

RE: 3677 Folly Quarter Road
Percolation Certification Plan

DATE: November 12, 2015

Resubmission per October 15, 2015, Letter.



Office of the Health Officer

8930 Stanford Blvd., Columbia, MD 21045
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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

TO: Greg Phillips
7846 River Rock Way
Columbia, Maryland 21042

FROM: Dana Bernard, REHS/RS
Well and Septic Program

RE: 3677 Folly Quarter Road
Percolation Certification Plan

DATE: October 15, 2015

Your proposed plan must be approved before scheduling percolation testing. Once approved, your lot should be staked before the day of testing. The following comments apply to the plan prepared by Purdum and Jeschke Engineers, Inc. and are advised to revise and resubmit.

- ⬇ Show the proposed septic area with five percolation holes. The area must equal 10,000 square feet.
- ⬇ The soil units for your property are GmB and are considered wet season soils. Soil units must be shown on plan. The 2016 wet season for percolation testing will begin around March or April based on the water table reports compiled by our office. Applications for testing in wet season soil units must be submitted by April 15, 2016. Properties will be assigned and scheduled based on the order in which the applications were submitted. Contact the Well & Septic Program at 410-313-1771 for application details and to schedule testing dates.
- ⬇ Topography must be show on plan with elevations.
- ⬇ Show the location of the proposed well and show 2 alternate well locations.
- ⬇ Show the location of the proposed house.

If you have any questions or correspondence, I can be reached at the above address or by telephone at (410) 313-2775.

Sincerely,

Dana Bernard, REHS/RS
Environmental Specialist II
Bureau of Environmental Health
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov



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Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

TO: Greg Phillips *gphillips@med.us.*
7846 River Rock Way
Columbia, Maryland 21042

FROM: Dana Bernard, REHS/RS
Well and Septic Program

RE: 3677 Folly Quarter Road
Percolation Certification Plan

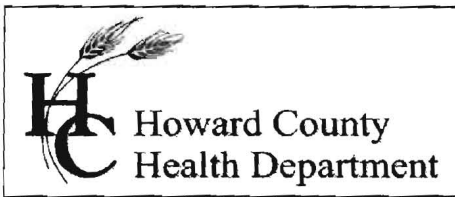
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- ✚ The soil units for your property are GmB and are considered wet season soils. Soil units must be shown on plan. The 2016 wet season for percolation testing will begin around March or April based on the water table reports compiled by our office. Applications for testing in wet season soil units must be submitted by April 15, 2016. Properties will be assigned and scheduled based on the order in which the applications were submitted. Contact the Well & Septic Program at 410-313-1771 for application details and to schedule testing dates.
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Sincerely,
Dana Bernard
Dana Bernard, REHS/RS
Environmental Specialist II
Bureau of Environmental Health
Phone (410) 313-2775
Fax (410) 313-2648
E-mail: DBernard@howardcountymd.gov



Bureau of Environmental Health
8930 Stanford Blvd. Columbia, MD 21045
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
Website: www.hchealth.org

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

Date: March 16, 2016

To: Greg Phillips
Via E-Mail: gphillips@mred.us

RE: **Percolation Testing Report**
3677 Folly Quarter Road
Ellicott City, MD
Tax Map 23, Parcel 68

Mr. Phillips,

Percolation testing was conducted on the referenced property on March 9, 2016. The purpose for conducting these percolation tests was for an anticipated establishment of a sewage disposal area for an existing lot.

A total of eight (8) test holes evaluated and eight (8) were found to be satisfactory with moderate percolation rates. Acceptable ranges for recommended inlet and trench bottom depth, and usable sidewall are indicated, and may be confirmed at the time of installation for the eight (8) percolation test holes which were satisfactory. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be at least 10,000 square feet, though Howard County Code [3.805.A.2.X] requires that the area be large enough to accommodate an initial drain field and two repair drain fields for the planned residence.

The next step in this process is to submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions or correspondence regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

Respectfully,

Dana Bernard, REHS/L.E.H.S.
Environmental Specialist II
Well and Septic Program

Enclosures (2)

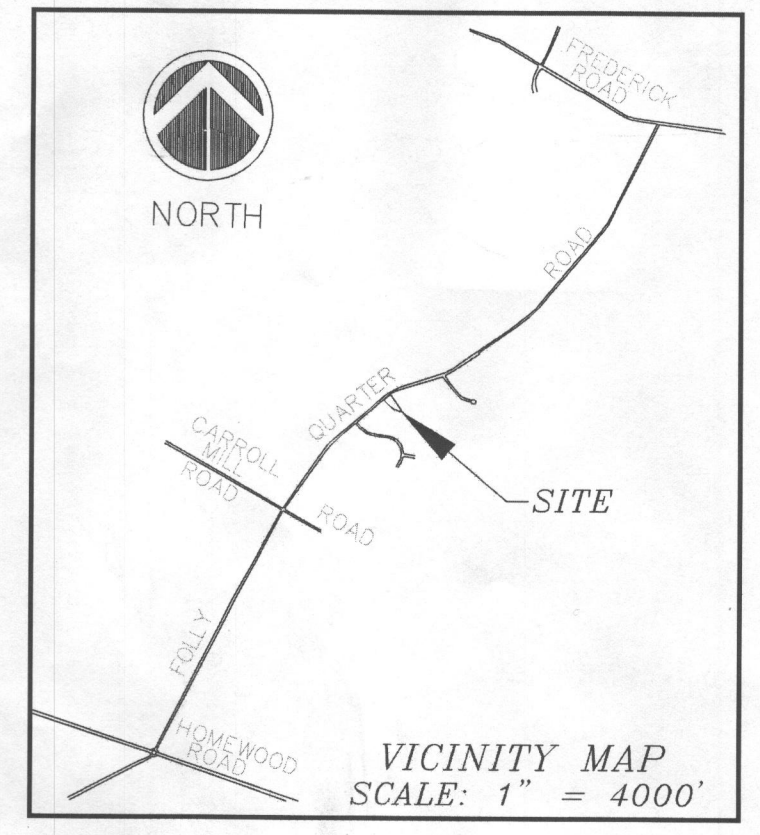
File

Cc:

THIS AREA DESIGNATES A PRIVATE SEWAGE AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL FOR LOTS CREATED PRIOR TO MARCH OF 1972 WHICH PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____



PERCOLATION CERTIFICATION PLAN
 LOT 2
 SECTION ONE, LOCUST RIDGE ESTATES
 PLAT BOOK 7, PLAT 99
 LIBER 356, FOLIO 147
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

PARCEL 70
 TAX MAP 23
 GRID 9
 PAUL DEMUTH
 L.1125, F.448
 ZONED: RC-DEO

PROP. SEPTIC RESERVE ARE 10000 SF.

NOTES:

1. ALL WELLS TO BE DRILLED PRIOR TO THE BUILDING PERMIT RELEASE.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY AND THOSE WELLS WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
4. PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
5. EXISTING HOUSE ON THIS PROPERTY IS TO BE RAISED.
6. EXISTING WELL ON THIS PROPERTY IS TO BE PROPERLY ABANDONED AS PER HOWARD COUNTY HEALTH DEPARTMENT REGULATIONS.
7. PRIOR TO BUILDING PERMIT RELEASE, THE EXISTING SEPTIC TANK AND DRYWELL IS TO BE PUMPED, ABANDONED A NEW SYSTEM IS TO BE INSTALLED IN THE APPROVED SRA.
8. ANY CHANGE TO PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED ON OCTOBER OF 2015 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
10. THIS SEPTIC SYSTEM IS APPLICABLE FOR A HOUSE NOT TO EXCEED FOUR BEDROOMS.

PURPOSE STATEMENT:

THE PURPOSE OF THIS PLAN IS TO OBTAIN PERMITS FOR THE DEMOLITION OF THE EXISTING HOUSE, PROPERLY REMOVAL OF THE EXISTING SEPTIC SYSTEM AND THE ESTABLISHMENT OF THE NEW SEPTIC SYSTEM FOR A PROPOSED SINGLE FAMILY DWELLING.

PLAN PREPARED BY:
NJR & ASSOCIATES
 Land Surveying and Planning
 2770 STATE ROUTE 32
 WEST GREENSBURG, MD 21794
 TEL: (240) 568-3500

REVISIONS	
1-	REVISED SEPTIC EASEMENT
APRIL 26, 2016.	
2-	REVISED SEPTIC EASEMENT & OTHER ITEMS AS PER HCHD
ON MAY 07, 2016.	

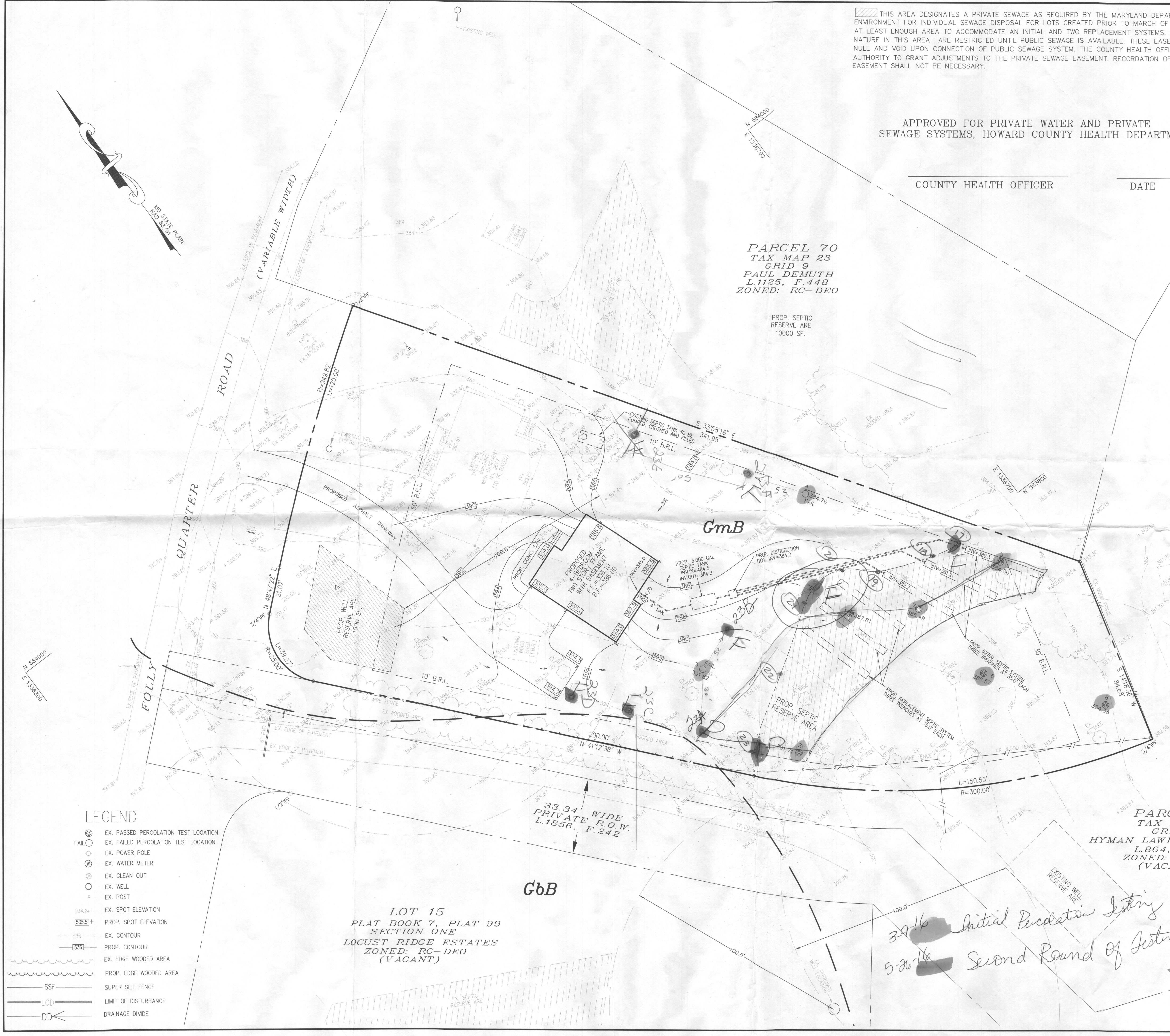
Disc Plan Field Notes

SURVEYOR'S CERTIFICATE
 I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME AND UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

M.N. Roshan 05/07/16
 M.N. ROSHAN, L.S. DATE
 MD REG. No. 11049

GRAPHIC SCALE 1"=20'

DATE:	OCT. 25, 2015
JOB NUMBER:	3311
FILE NUMBER:	3311DWG
PLOTTED:	MAY 07, 2016
DRAWN BY:	NR
PERCOLATION CERTIFICATION PLAN	
SHEET	1 OF 1



LEGEND

- ⊙ EX. PASSED PERCOLATION TEST LOCATION
- EX. FAILED PERCOLATION TEST LOCATION
- ⊙ EX. POWER POLE
- ⊙ EX. WATER METER
- ⊙ EX. CLEAN OUT
- EX. WELL
- EX. POST
- 534.24+ EX. SPOT ELEVATION
- 535.5+ PROP. SPOT ELEVATION
- 536 - EX. CONTOUR
- 536 - PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- SSF SUPER SILT FENCE
- LOD LIMIT OF DISTURBANCE
- DD DRAINAGE DIVIDE

LOT 15
 PLAT BOOK 7, PLAT 99
 SECTION ONE
 LOCUST RIDGE ESTATES
 ZONED: RC-DEO
 (VACANT)

PARCEL 12
 TAX MAP 23
 GRID 9
 HYMAN LAWRENCE, ET. A
 L.864, F.37
 ZONED: RC-DEO
 (VACANT)

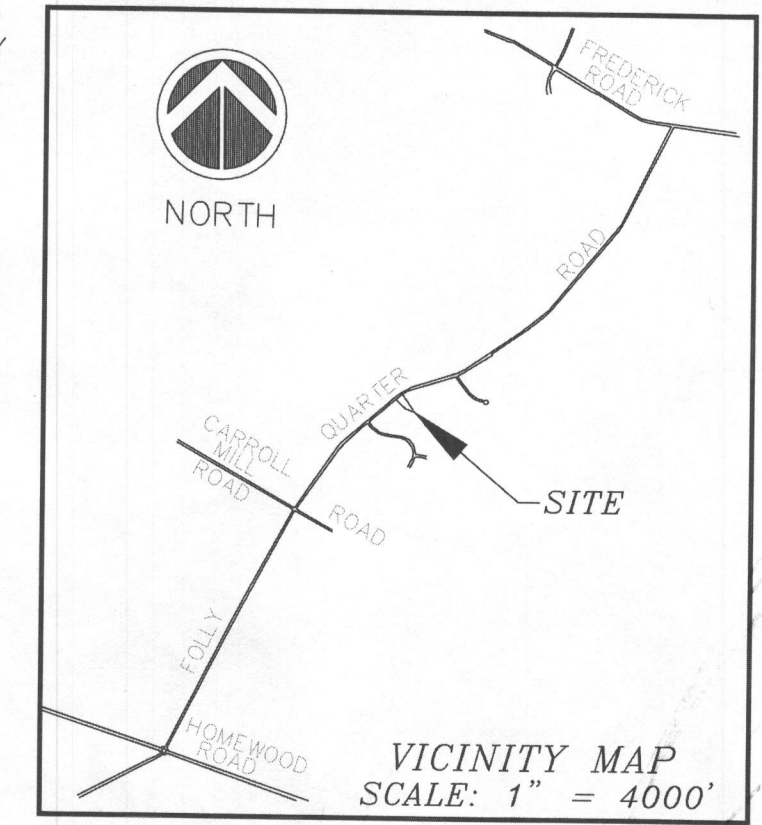
3-9-16 Initial Percolation Testing
5-26-16 Second Round of Testing

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APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

M. Roshan
COUNTY HEALTH OFFICER

6/21/2016
DATE



PARCEL 70
TAX MAP 23
GRID 9
PAUL DEMUTH
L.1125, F.448
ZONED: RC-DEO

LOT 2
PLAT BOOK 7, PLAT 99
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LOCUST RIDGE ESTATES
51,086 SF. OR 1.1728 Ac.
ZONED: RC-DEO

NOTES:

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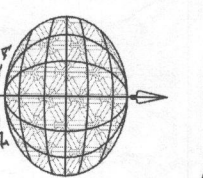
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PERCOLATION CERTIFICATION PLAN
LOT 2
SECTION ONE, LOCUST RIDGE ESTATES
PLAT BOOK 7, PLAT 99
LIBER 356, FOLIO 147
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PLAN PREPARED BY:
NJR & ASSOCIATES
Land Surveying and Planning
2770 STATE ROUTE 32
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REVISIONS	
1-	REVISED SEPTIC EASMENT APRIL 26, 2016.
2-	REVISED SEPTIC EASMENT & OTHER ITEMS AS PER HCHD ON MAY 07, 2016.
3-	NEW PERCOLATION LOCATIONS ADDED, 5/26/16.

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M.N. ROSHAN, L.S.
MD REG. No. 11049
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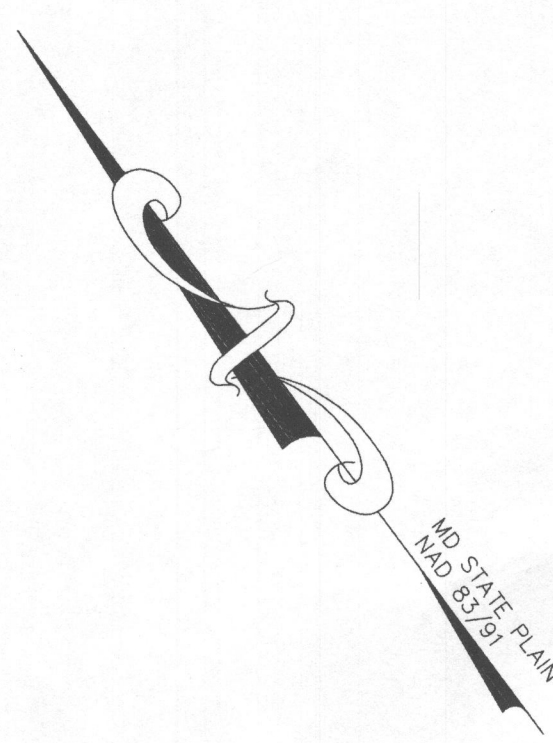
G6B

33.34' WIDE
PRIVATE R.O.W.
L.1856, F.242

Gm.B

PARCEL 12
TAX MAP 23
GRID 9
HYMAN LAWRENCE, ET.AL.
L.864, F.37
ZONED: RC-DEO
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EXISTING WELL
RESERVE ARE



FOLLY QUARTER ROAD

QUARTER ROAD

(VARIABLE WIDTH)

N 584000
E 1336700

N 584000
E 1336700

N 583600
E 1336700

N 4847732° E
L=232.00'

3/4" PROP. ASPHALT DRIVEWAY

10' B.R.L.

50' B.R.L.

PROP. REPLACEMENT WELL-1

PROP. REPLACEMENT WELL-2

PROP. WATER TAP

EXISTING WELL (SEE NOTE No. 6)

EXISTING SEPTIC TANK TO BE PUMPED, CRUSHED AND FILL

PROP. 3,000 GAL. SEPTIC TANK

PROP. PLUMBING CHAMBER BOX, INV.=384.0

PROP. FORCE MAIN

PROP. DISTRIBUTION BOX, INV.=389.5

PROP. REPLACEMENT SEPTIC SYSTEM TRENCH No.4 TO 7 TOTAL TRENCH LENGTH=105'

PROP. INITIAL SEPTIC SYSTEM TRENCH No.1 TO 3 TOTAL TRENCH LENGTH=105'

PROP. ADDITIONAL RESERVE TRENCHES No.8 TO 10 30' DEPT. TRENCH LENGTH=40'

TRENCH-1, 13'

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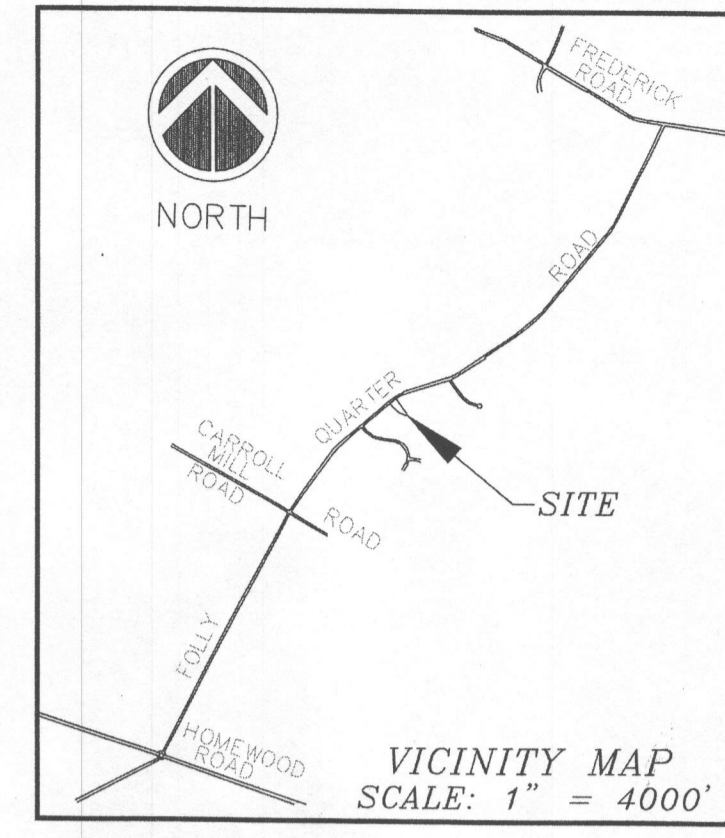
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

Maureen Kossman
COUNTY HEALTH OFFICER

6/21/2016
DATE



PARCEL 70
TAX MAP 23
GRID 9
PAUL DEMUTH
L.1125, F.448
ZONED: RC-DEO

LOT 2
PLAT BOOK 7, PLAT 99
SECTION ONE
LOCUST RIDGE ESTATES
51,086 SF. OR 1.1728 Ac.
ZONED: RC-DEO

LOT 15
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(VACANT)

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SECTION ONE, LOCUST RIDGE ESTATES
PLAT BOOK 7, PLAT 99
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PLAN PREPARED BY:
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Land Surveying and Planning
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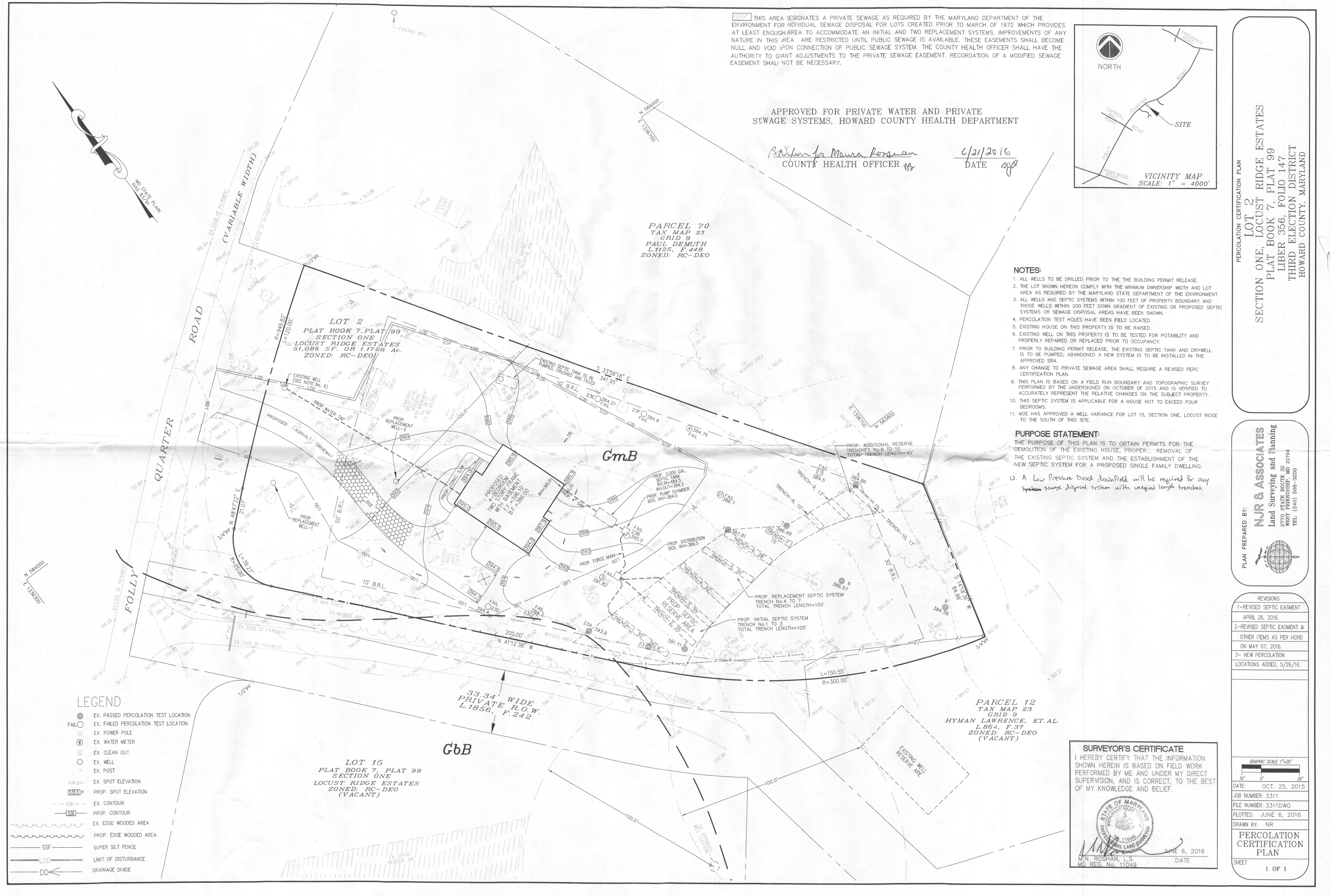
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MARYLAND STATE SEAL
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MD REG. No. 11049
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- LEGEND
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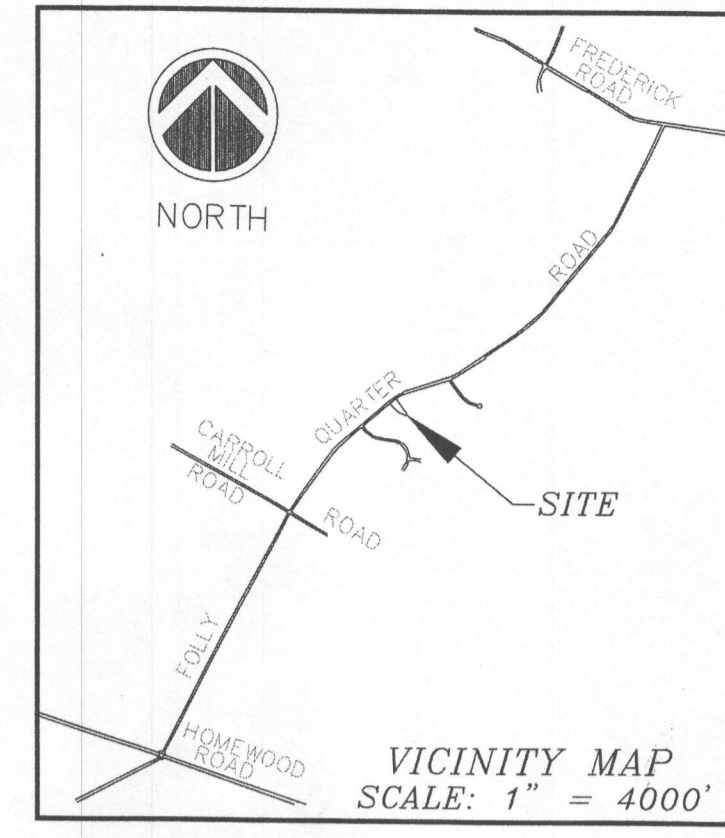


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Paul Demuth
COUNTY HEALTH OFFICER

6/21/2016
DATE



PERCOLATION CERTIFICATION PLAN
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SECTION ONE, LOCUST RIDGE ESTATES
PLAT BOOK 7, PLAT 99
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5. EXISTING HOUSE ON THIS PROPERTY IS TO BE RAISED.
6. EXISTING WELL ON THIS PROPERTY IS TO BE TESTED FOR POTABILITY AND PROPERLY REPAIRED OR REPLACED PRIOR TO OCCUPANCY.
7. PRIOR TO BUILDING PERMIT RELEASE, THE EXISTING SEPTIC TANK AND DRYWELL IS TO BE PUMPED, ABANDONED A NEW SYSTEM IS TO BE INSTALLED IN THE APPROVED SPA.
8. ANY CHANGE TO PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED ON OCTOBER OF 2015 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
10. THIS SEPTIC SYSTEM IS APPLICABLE FOR A HOUSE NOT TO EXCEED FOUR BEDROOMS.
11. MOE HAS APPROVED A WELL VARIANCE FOR LOT 15, SECTION ONE, LOCUST RIDGE TO THE SOUTH OF THIS SITE.

PURPOSE STATEMENT:

THE PURPOSE OF THIS PLAN IS TO OBTAIN PERMITS FOR THE DEMOLITION OF THE EXISTING HOUSE, PROPER REMOVAL OF THE EXISTING SEPTIC SYSTEM AND THE ESTABLISHMENT OF THE NEW SEPTIC SYSTEM FOR A PROPOSED SINGLE FAMILY DWELLING.

12. A Low Pressure Dosed drainfield will be required for any system sewage disposal system with unequal length trenches.

PLAN PREPARED BY:
NJR & ASSOCIATES
Land Surveying and Planning
2770 STATE ROUTE 32
WEST FRIENDSHIP, MD 21794
TEL: (240) 508-3200

REVISIONS	
1-	REVISED SEPTIC EASMENT
APRIL 26, 2016.	
2-	REVISED SEPTIC EASMENT & OTHER ITEMS AS PER HCMD
ON MAY 07, 2016.	
3-	NEW PERCOLATION
LOCATIONS ADDED, 5/26/16.	

SURVEYOR'S CERTIFICATE

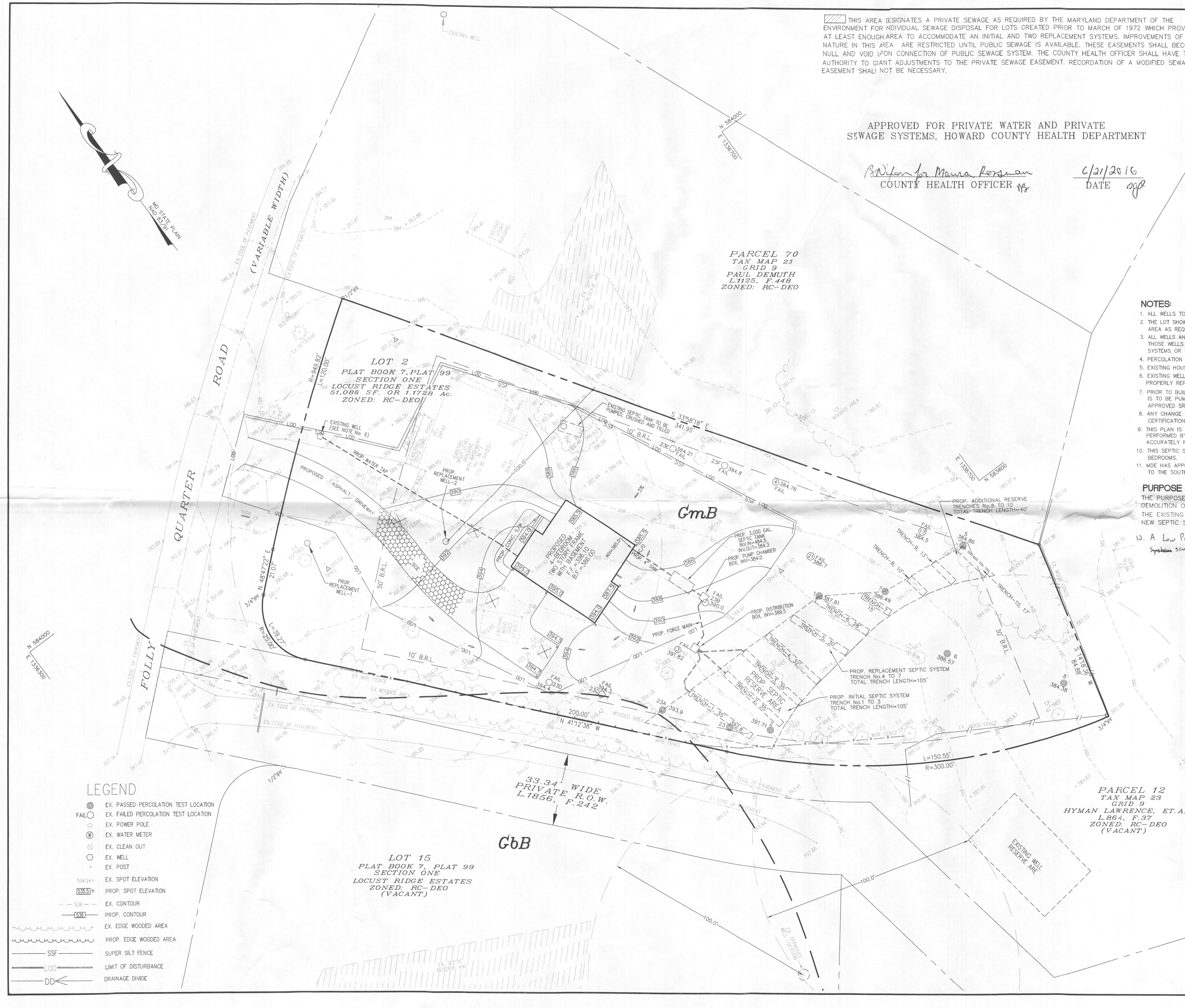
I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME AND UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MARYLAND STATE SEAL
M.N. ROSHAN, L.S.
MD REG. No. 11049
DATE: JUNE 6, 2016

GRAPHIC SCALE 1"=20'
DATE: OCT. 25, 2015
JOB NUMBER: 3311
FILE NUMBER: 3311DWG
PLOTTED: JUNE 6, 2016
DRAWN BY: NR
PERCOLATION CERTIFICATION PLAN
SHEET 1 OF 1

LEGEND

- ⊙ EX. PASSED PERCOLATION TEST LOCATION
- ⊙ FAIL EX. FAILED PERCOLATION TEST LOCATION
- ⊙ EX. POWER POLE
- ⊙ EX. WATER METER
- ⊙ EX. CLEAN OUT
- ⊙ EX. WELL
- ⊙ EX. POST
- 534.244 EX. SPOT ELEVATION
- 535.5+ PROP. SPOT ELEVATION
- 536- EX. CONTOUR
- 538- PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- SSF SUPER SILT FENCE
- LOD LIMIT OF DISTURBANCE
- DD DRAINAGE DIVIDE

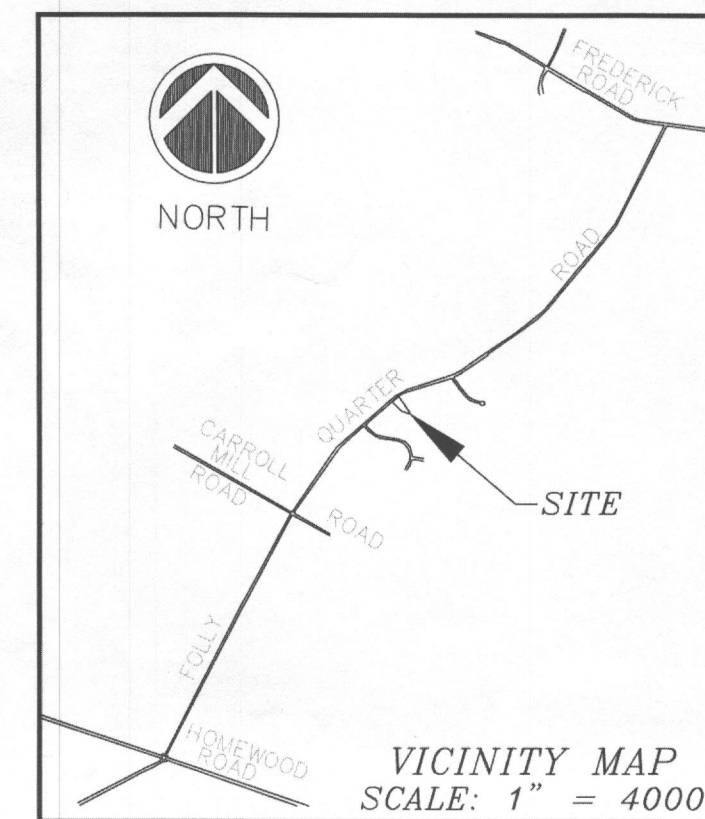


THIS AREA DESIGNATES A PRIVATE SEWAGE AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL FOR LOTS CREATED PRIOR TO MARCH OF 1972 WHICH PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____

DATE _____



PARCEL 70
TAX MAP 23
GRID 9
PAUL DEMUTH
L.1125, F.448
ZONED: RC-DEO

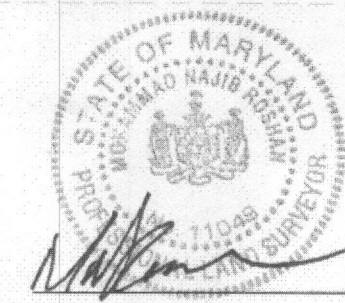
PROP. SEPTIC RESERVE ARE 10000 SF.

NOTES:

1. ALL WELLS TO BE DRILLED PRIOR TO THE BUILDING PERMIT RELEASE.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY AND THOSE WELLS WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
4. PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
5. EXISTING HOUSE ON THIS PROPERTY IS TO BE RAISED.
6. EXISTING WELL ON THIS PROPERTY IS TO BE PROPERLY CAPPED AS PER HOWARD COUNTY HEALTH DEPARTMENT REGULATIONS.
7. PRIOR TO BUILDING PERMIT RELEASE, THE EXISTING SEPTIC TANK AND DRYWELL IS TO BE PUMPED, ABANDONED A NEW SYSTEM IS TO BE INSTALLED IN THE APPROVED SRA.
8. ANY CHANGE TO PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED ON OCTOBER OF 2015 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.

SURVEYOR'S CERTIFICATE

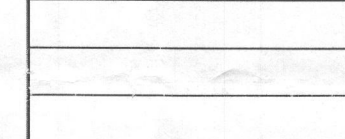
I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREIN IS BASED ON FIELD WORK PERFORMED BY ME AND UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.



04/25/16
DATE

PLAN PREPARED BY:
NJR & ASSOCIATES
Land Surveying and Planning
2770 STATE ROUTE 32
WEST FRIENDSHIP, MD 21794
TEL: (240) 508-3200

REVISIONS
1-REVISED SEPTIC EASMENT
APRIL 26, 2016.



DATE: OCT. 25, 2015
JOB NUMBER: 3311
FILE NUMBER: 3311DWG
PLOTTED: APR. 26, 2016
DRAWN BY: NR

PERCOLATION CERTIFICATION PLAN
SHEET 1 OF 1

LEGEND

- ⊙ EX. PASSED PERCOLATION TEST LOCATION
- ⊙ EX. FAILED PERCOLATION TEST LOCATION
- ⊙ EX. POWER POLE
- ⊙ EX. WATER METER
- ⊙ EX. CLEAN OUT
- ⊙ EX. WELL
- ⊙ EX. POST
- 534.24+ EX. SPOT ELEVATION
- 535.31+ PROP. SPOT ELEVATION
- - - EX. CONTOUR
- - - PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- SSF SUPER SILT FENCE
- LOD LIMIT OF DISTURBANCE
- DD DRAINAGE DIVIDE

LOT 15
PLAT BOOK 7, PLAT 99
SECTION ONE
LOCUST RIDGE ESTATES
ZONED: RC-DEO
(VACANT)

PURPOSE STATEMENT:

THE PURPOSE OF THIS PLAN IS TO OBTAIN PERMITS FOR THE DEMOLITION OF THE EXISTING HOUSE, PROPERLY REMOVAL OF THE EXISTING SEPTIC SYSTEM AND THE ESTABLISHMENT OF THE NEW SEPTIC SYSTEM FOR A PROPOSED SINGLE FAMILY DWELLING.

Info on property must door must be shown

Proposed 100 ft away from driveway

confined area

Less than 100'

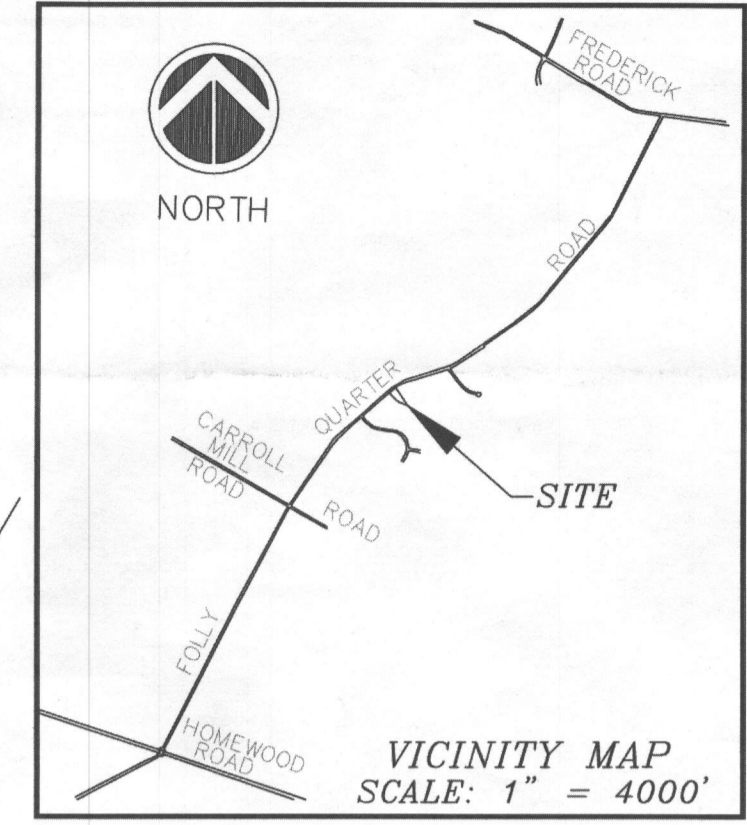


THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF A MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____

DATE _____



PARCEL 70
TAX MAP 23
GRID 9
PAUL DEMUTH
L.1125, F.448
ZONED: RC-DEO

NOTES:

1. ALL WELLS TO BE DRILLED PRIOR TO THE BUILDING PERMIT RELEASE.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY AND THOSE WELLS WITHIN 200 FEET DOWN GRADING OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
4. PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
5. EXISTING HOUSE ON THIS PROPERTY IS TO BE RAISED.
6. EXISTING WELL ON THIS PROPERTY IS TO BE PROPERLY CAPPED AS PER HOWARD COUNTY HEALTH DEPARTMENT REGULATIONS.
7. PRIOR TO BUILDING PERMIT RELEASE, THE EXISTING SEPTIC TANK AND DRYWELL IS TO BE PUMPED, ABANDONED A NEW SYSTEM IS TO BE INSTALLED IN THE APPROVED SRA.
8. ANY CHANGE TO PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. THIS PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THE UNDERSIGNED ON OCTOBER OF 2015.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT IS BASED UPON AN ACTUAL FIELD RUN SURVEY AND TO THE BEST OF MY INFORMATION, PROFESSIONAL KNOWLEDGE AND BELIEF, IT IS CORRECT AND IS A TRUE REPRESENTATION OF THE FIELD CONDITIONS.

DATE _____

LOT 2
PLAT BOOK 7, PLAT 99
SECTION ONE
LOCUST RIDGE ESTATES
51,086 SF. OR 1.1728 Ac.
51,086 SF. OR 1.1728 Ac.
ZONED: RC-DEO

LOT 15
PLAT BOOK 7, PLAT 99
SECTION ONE
LOCUST RIDGE ESTATES
ZONED: RC-DEO
(VACANT)

PARCEL 12
TAX MAP 23
GRID 9
HYMAN LAWRENCE, ET. AL.
L.864, F.37
ZONED: RC-DEO
(VACANT)

PURPOSE STATEMENT:

THE PURPOSE OF THIS PLAN IS TO OBTAIN PERMITS FOR THE DEMOLITION OF THE EXISTING HOUSE, REMOVAL OF THE EXISTING WELL AN SEPTIC SYSTEM AND THE ESTABLISHMENT OF THE THE NEW WELL AND SEPTIC RESERVE AREAS TO SERVE THE PROPOSED SINGLE FAMILY DWELLING.

LEGEND

- ⊙ PROPOSED PERCOLATION TEST LOCATION
- EX. POWER POLE
- ⊙ EX. WATER METER
- ⊙ EX. CLEAN OUT
- EX. WELL
- EX. POST
- 534.24+ EX. SPOT ELEVATION
- 535.31+ PROP. SPOT ELEVATION
- 536 --- EX. CONTOUR
- 536 --- PROP. CONTOUR
- EX. EDGE WOODED AREA
- PROP. EDGE WOODED AREA
- SUPER SILT FENCE
- LOD LIMIT OF DISTURBANCE
- DD DRAINAGE DIVIDE

PERCOLATION CERTIFICATION PLAN

LOT 2
SECTION ONE, LOCUST RIDGE ESTATES
PLAT BOOK 7, PLAT 99
LIBER 356, FOLIO 147
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PLAN PREPARED BY:
NJR & ASSOCIATES
Land Surveying and Planning
2770 STEELES DRIVE, SUITE 205
WEST FREDERICK, MD 21794
TEL: (240) 508-3200

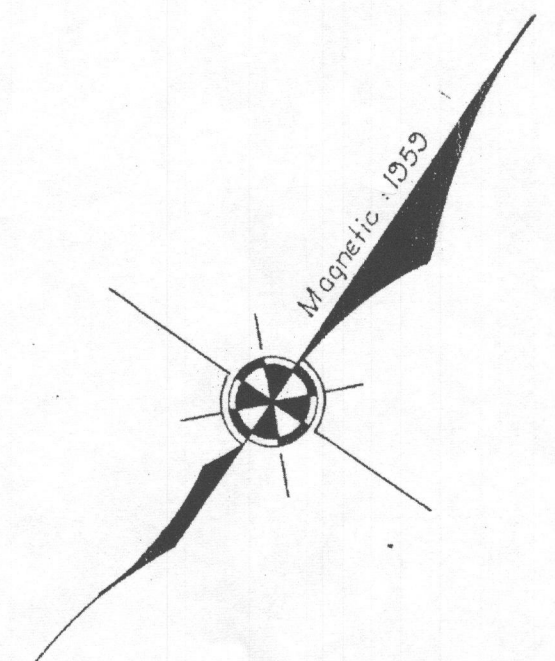
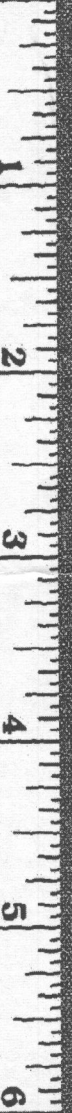
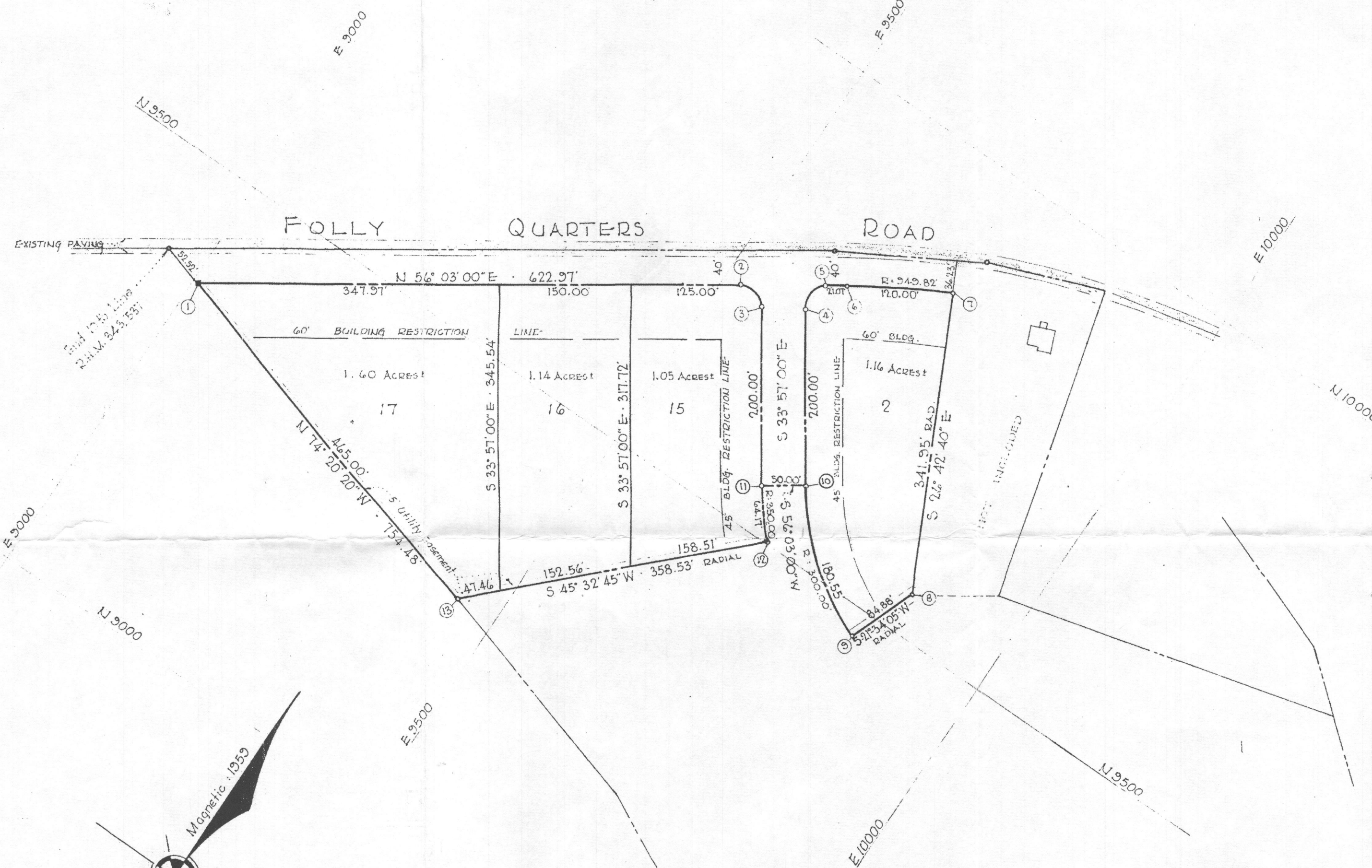
REVISIONS

NO.	DATE	DESCRIPTION

DATE: OCT. 25, 2015
JOB NUMBER: 3311
FILE NUMBER: 3311DWG
PLOTTED: NOV. 10, 2015
DRAWN BY: NR
PERCOLATION CERTIFICATION PLAN
SHEET 1 OF 1

COORDINATE TABLE #99					
NO	NORTH	EAST	NO	NORTH	EAST
1	9375.24	9003.58	8	9545.88	9878.00
2	9723.18	9520.35	9	9466.96	9846.80
3	9716.40	9555.05	10	9578.41	9708.22
4	9744.32	9586.58	11	9550.49	9666.74
5	9773.02	9603.31	12	9500.82	9707.24
6	9790.19	9620.78	13	9249.73	9451.32
7	9851.35	9724.79			

CURVE DATA						
NO	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING	CHORD DISTANCE
2-3	25.00'	39.27'	25.00'	90°00'00"	S 78°57'00"E	35.36'
4-5	25.00'	39.27'	25.00'	90°00'00"	S 11°03'00"W	35.36'
6-7	249.82'	120.00'	60.08'	07°47'00"	N 59°40'10"E	119.92'
9-10	300.00'	180.55'	93.10'	34°28'55"	N 51°11'28"W	177.84'
11-12	350.00'	64.17'	32.17'	10°30'15"	S 39°12'07"E	64.07'



NOTE:
The origin of the coordinates shown hereon is assumed.

SECTION ONE
"LOCUST RIDGE ESTATES"

FILED JUL 14 1960
3 RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
JUNE 24, 1960
SCALE: 1"=100'

APPROVED: HOWARD COUNTY PLANNING COMM.
Wilmur Danner 7-6-60
 CHAIRMAN DATE
Eugene D. Wheeler 7-6-60
 DIRECTOR DATE
 APPROVED: HOWARD COUNTY HIGHWAYS DEPARTMENT

 ROADS ENGINEER DATE

OWNER'S CERTIFICATE:
 We, Robert R. Kirby and Bertha M. Kirby, owners of the property shown and described hereon, adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon, and in consideration of the plat by the Planning Commission of Howard County, we for ourselves, our heirs or assigns do hereby give and grant unto the Board of County Commissioners of Howard County, the right and option to acquire for the consideration of One Dollar, the fee simple title to the beds of the streets and/or roads shown hereon within the period of five years from the date of the recording of this plat among the Land Records of Howard County, Maryland.
 Witness our hand and seals this 13th day of February, 1960
Robert R. Kirby *Bertha M. Kirby*

ENGINEERS' CERTIFICATE:
 I, Curt A.H. Jeschke, hereby certify that the plan shown hereon is correct, that it, a subdivision of a part of the land which by deed dated November 10, 1959 and recorded among the Land Records of Howard County, Maryland in Liber R.H.M. 343 at Folio 537, was granted and conveyed by Anita Fountain (widow) to Robert R. Kirby and Bertha M. Kirby, his wife, and that concrete monuments marked thus ■ are in place as shown.
 I further certify that the requirements of Section 72 B, Article 17, of the annotated Code of Maryland (as amended) as far as they relate to the making of this plat have been complied with.
 2-11-60
 DATE *Curt A.H. Jeschke*
 REG. NO. 2357

PURDUM & JESCHKE
 ENGINEERS
 24 PARK AVENUE
 ELLICOTT CITY, MARYLAND
 MSA CSU 3029 1331