



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 545081

AGENCY REVIEW: _____

DATE 6-28-13

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 _____ 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) James A. & Bonita L. Raymo Trust % Tracy Diamond

DAYTIME PHONE 410-984-2501 CELL 410-984-2501 FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT Rob Scrando % Catonsville Homes LLC

DAYTIME PHONE 410-977-1725 CELL 410-977-1725 FAX 410-442-2215

MAILING ADDRESS 11175 STRATFORD CT. MARYSVILLE MD 21104
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME James A & Bonita L. Raymo Trust LOT NO. _____

PROPERTY ADDRESS 2684 Daisy Road
STREET TOWN/POST OFFICE

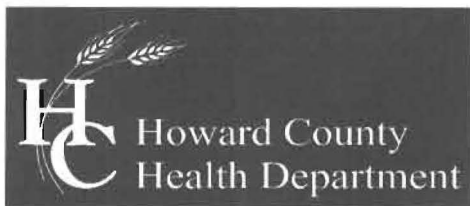
TAX MAP PAGE(S) 13 GRID 12 PARCEL(S) 110 PROPOSED LOT SIZE 20 AC

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



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

Maura J. Rossman M.D., Health Officer

July 11, 2013

To: Rob Scranton c/o Catonsville Homes LLC
Applicant

RE: Perc Test Report, [2684 Daisy Road Woodbine, MD 21797]; A#545081

Percolation testing was conducted on the referenced property on July 9, 2013. The purpose for conducting these percolation tests was to delineate a septic reserve area for a replacement dwelling.

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. Soil conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. 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 drainfield and two repair drainfields for the planned residence.

Soil conditions observed were mostly satisfactory for onsite wastewater treatment and disposal. A total of six percolation tests were conducted. Tests A thru D had passing perc rates and test location E failed due to excessive rock content. An additional test location E-1 was also dug.

The existing water supply is a pit well. If the well is to remain it must be brought up to code or a new well must be drilled. The existing septic tank and drywells may not be utilized for new construction.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The values for the drainfield parameters will be documented during the Percolation Certification Plan process, and then maintained in the Health Department file for the subject property.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan or Site Plan, please contact me at the above address or by calling (410) 313-6287.

Respectfully,

Heidi Scott, R.S.
Environmental Sanitarian
Well and Septic Program

Copy: Mike VanSant; VanMar & Assoc.

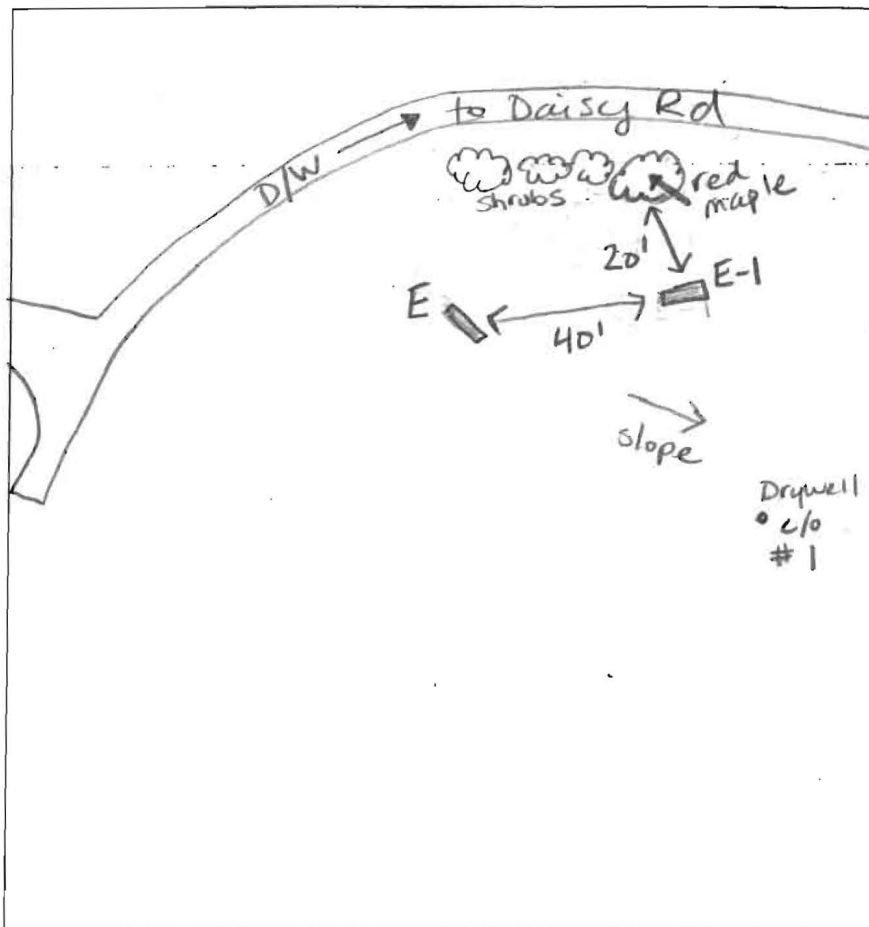
NOT TO SCALE

AP 545081

[A]
 6' bm 1
 red/org
 bm scl
 lcsbk
 4'-5' gr yellow
 sl lmsbk
 7' yellow
 sl saprolite
 10' ↓
 11' org/red
 fs1

[D]
 8' brn 1
 org brn
 scl lmsbk
 3' red brn
 sl
 Saprolite
 6' red/yellow
 fs1
 saprolite
 12' 20' rx

[B]
 1' brn 1
 red
 scl lcsbk
 3.5' yellow red
 sl saprolite
 5' brn
 chsl &
 Saprolite
 9' ↓
 11' red
 chsl
 Mn



[E]
 6" bm 1
 labk
 red bm
 vf/scl
 3abk
 ↓
 5' red
 Vstsl

[E-1]
 8" brn 1
 sbk
 red brn
 scl
 lcsbk
 4.5' red brn
 ch sl
 few mica
 7' red brn
 sl saprolite
 15% rx
 10' red brn
 st & HB
 11'

[C]
 10" brn 1
 red brn
 scl lmsbk
 3-3.5' red brn
 sl
 7' brn fs1
 Saprolite
 10% rx
 ↓
 11.5' brn
 ch ls
 Mn

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/9/13	A	5' 11"	10:45	10:55	11:10	15	P
7/9/13	D	3' 12"	10:12	10:14 ⁰⁰	10:17 ⁰²	3	P
7/9/13	B	4' 11"	10:15 ³⁶	10:19	10:25	6	P
7/9/13	C	11.5'	VISUAL				P
7/9/13	E	5'	VISUAL				F
7/9/13	E-1	5' 11"	10:38	10:42	10:48	6	P

REMARKS holes dug per plan except E-1

SANITARIAN HS BACKHOE Level Land OTHERS Rob Scranton

TEST HOLES USED IN SDA 5 JUSTIN AVG. PERC TIME 7.5 SQ. FT/BR

TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 5'-6' EFFECTIVE SW 1'-2'

ron@vanmar.com

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Sent: Wednesday, November 05, 2014 11:56 AM
To: ron@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Yes. It looks like it should be ok for submission of the paper copies. Thanks
Jeff

From: ron@vanmar.com [<mailto:ron@vanmar.com>]
Sent: Wednesday, November 05, 2014 11:28 AM
To: Williams, Jeffrey
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Will get perc cert to you. Is the Lot 7 BAT plan approved to submit for signature?

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street, PO Box 328
Mount Airy, MD 21771
301-829-2890 (O)
443-421-2164 (C)
301-831-5603 (F)

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Wednesday, November 05, 2014 9:30 AM
To: ron@vanmar.com
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Thanks. As I mentioned in my last email, if you can just submit the revised perc cert showing the well location, I should be able to release the well permit right away. Thanks
Jeff

From: ron@vanmar.com [<mailto:ron@vanmar.com>]
Sent: Tuesday, November 04, 2014 5:15 PM
To: Williams, Jeffrey
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Jeff:

Attached is the completed Well Site Staking form for the Vazquez property on Daisy Road.

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street, PO Box 328
Mount Airy, MD 21771
301-829-2890 (O)

ron@vanmar.com

From: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Sent: Wednesday, November 05, 2014 11:56 AM
To: ron@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Yes. It looks like it should be ok for submission of the paper copies. Thanks
Jeff

From: ron@vanmar.com [<mailto:ron@vanmar.com>]
Sent: Wednesday, November 05, 2014 11:28 AM
To: Williams, Jeffrey
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Will get perc cert to you. Is the Lot 7 BAT plan approved to submit for signature?

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street, PO Box 328
Mount Airy, MD 21771
301-829-2890 (O)
443-421-2164 (C)
301-831-5603 (F)

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Wednesday, November 05, 2014 9:30 AM
To: ron@vanmar.com
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Thanks. As I mentioned in my last email, if you can just submit the revised perc cert showing the well location, I should be able to release the well permit right away. Thanks
Jeff

From: ron@vanmar.com [<mailto:ron@vanmar.com>]
Sent: Tuesday, November 04, 2014 5:15 PM
To: Williams, Jeffrey
Cc: Rob Scranton; tmv@vanmar.com
Subject: RE: Woodbine Crossing lot 7 memo and well staked form memo

Jeff:

Attached is the completed Well Site Staking form for the Vazquez property on Daisy Road.

Ronald E. Thompson, PE
VANMAR ASSOCIATES
310 South Main Street, PO Box 328
Mount Airy, MD 21771
301-829-2890 (O)

443-421-2164 (C)
301-831-5603 (F)

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]
Sent: Friday, October 31, 2014 10:59 AM
To: ron@vanmar.com
Subject: Woodbine Crossing lot 7 memo and well staked form memo

As we discussed...

You can just email back the completed well staked form.

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

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

443-421-2164 (C)

301-831-5603 (F)

From: Williams, Jeffrey [<mailto:jewilliams@howardcountymd.gov>]

Sent: Friday, October 31, 2014 10:59 AM

To: ron@vanmar.com

Subject: Woodbine Crossing lot 7 memo and well staked form memo

As we discussed...

You can just email back the completed well staked form.

Jeff Williams

Program Supervisor, Well & Septic Program

Bureau of Environmental Health

Howard County Health Dept.

410-313-4261

jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

LETTER OF TRANSMITTAL

☐ AGENCY ☐ CLIENT ☐ FILE ☐ BILLING ☐ CORESPONDANCE ☐ OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771
301-829-2890 301-831-5015 301-695-0600
410-549-2751 (FAX) 301-831-5603

TO : Howard County Bureau of
Environmental Health
8930 Sanford Drive
Columbia, MD 21046

ATTN: Jeff Williams

DATE : November 5, 2014

PROJECT : Kathy & Kevin Vasquez Property

VMA# : B35347

ENCLOSED:

COPIES	DATE	DESCRIPTION
3	11/5/14	Email comments from Environmental Health
3	2/24/14	REVISED Percolation Certification Plan, Lands Conveyed to the James A. & Bonita L. Raymo Trust

REMARKS: Hi Jeff, we have revised the plan to reflect the proposed well. Submitted for your review and signature.
Thank you and have a great day.

COPIES TO (ADDRESS): Rob Scranton Catonsville Homes 11175 Stratfield Court Marriottsville,
Maryland 21104

SUBMITTED BY: DBV

G/engr hd percolation test plan for signature transmittal 11.5.14

LETTER OF TRANSMITTAL

☐ AGENCY ☐ CLIENT ☐ FILE ☐ BILLING ☐ CORESPONDANCE ☐ OTHER

VanMar Associates, Inc.

Engineers ~ Surveyors ~ Planners
310 South Main Street, P.O.Box 328, Mt. Airy, MD 21771
301-829-2890 301-831-5015 301-695-0600
410-549-2751 (FAX) 301-831-5603

TO : Howard County Bureau of
Environmental Health
8930 Sanford Drive
Columbia, MD 21046

ATTN: Jeff Williams

DATE : November 7, 2014

PROJECT : Kathy & Kevin Vasquez Property

VMA# : B35347

ENCLOSED:

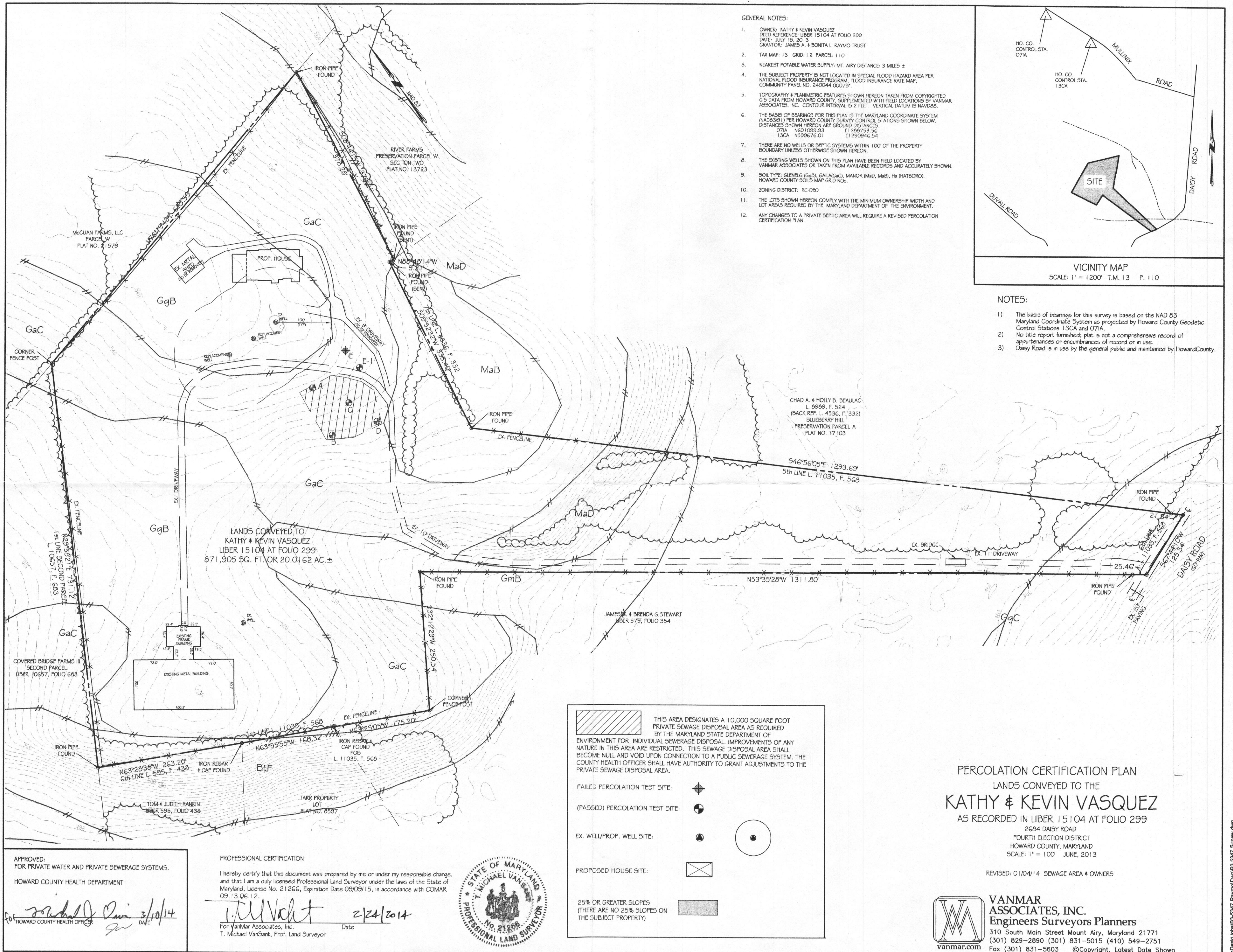
COPIES	DATE	DESCRIPTION
3	11/7/14	REVISED Percolation Certification Plan, Lands Conveyed to the James A. & Bonita L. Raymo Trust

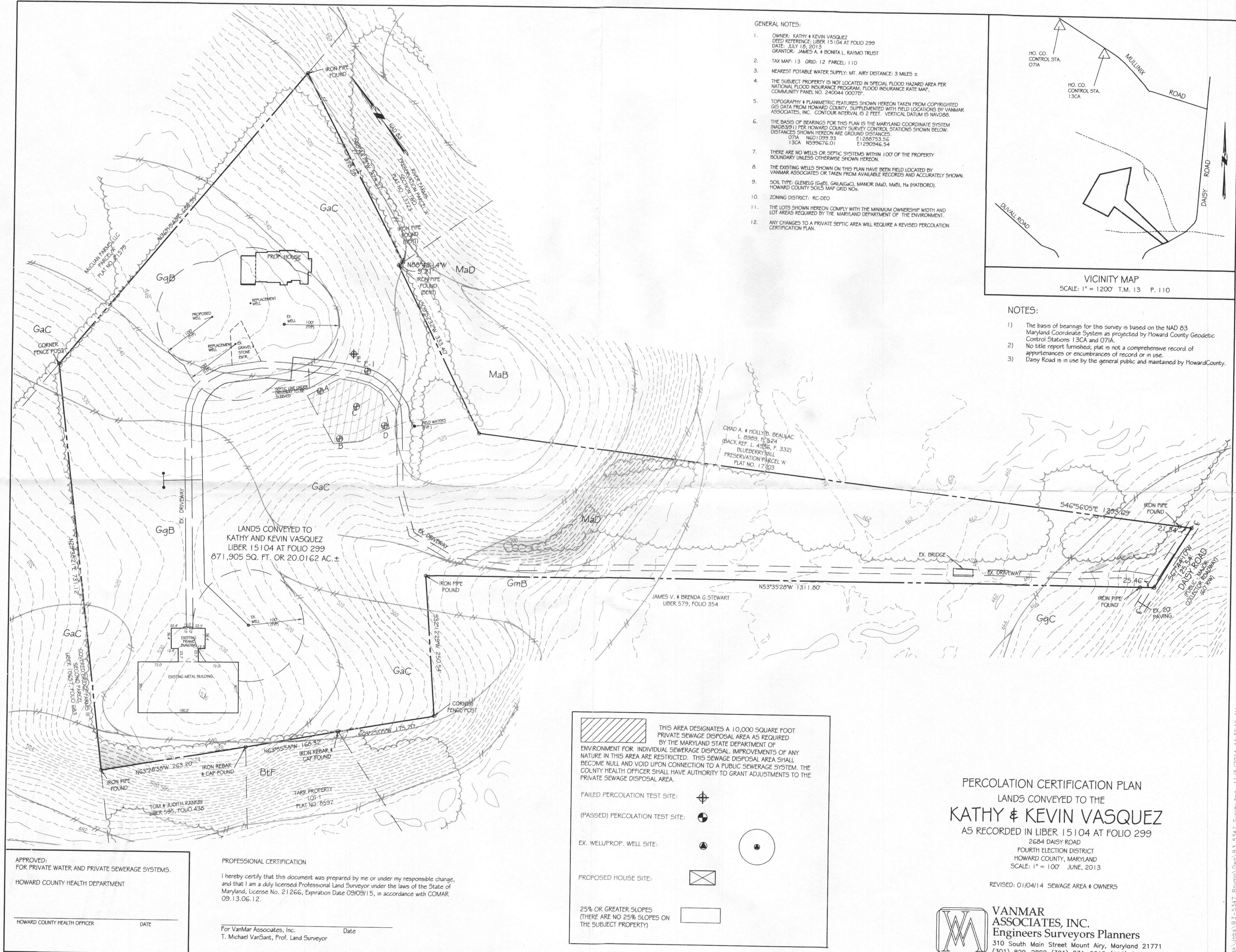
REMARKS: Hi Jeff, we have revised the plan to reflect the addition of the road per your request.
Submitted for your review and signature.
Thank you and have a great day.

COPIES TO (ADDRESS): Rob Scranton Catonsville Homes 11175 Stratfield Court Marriottsville,
Maryland 21104

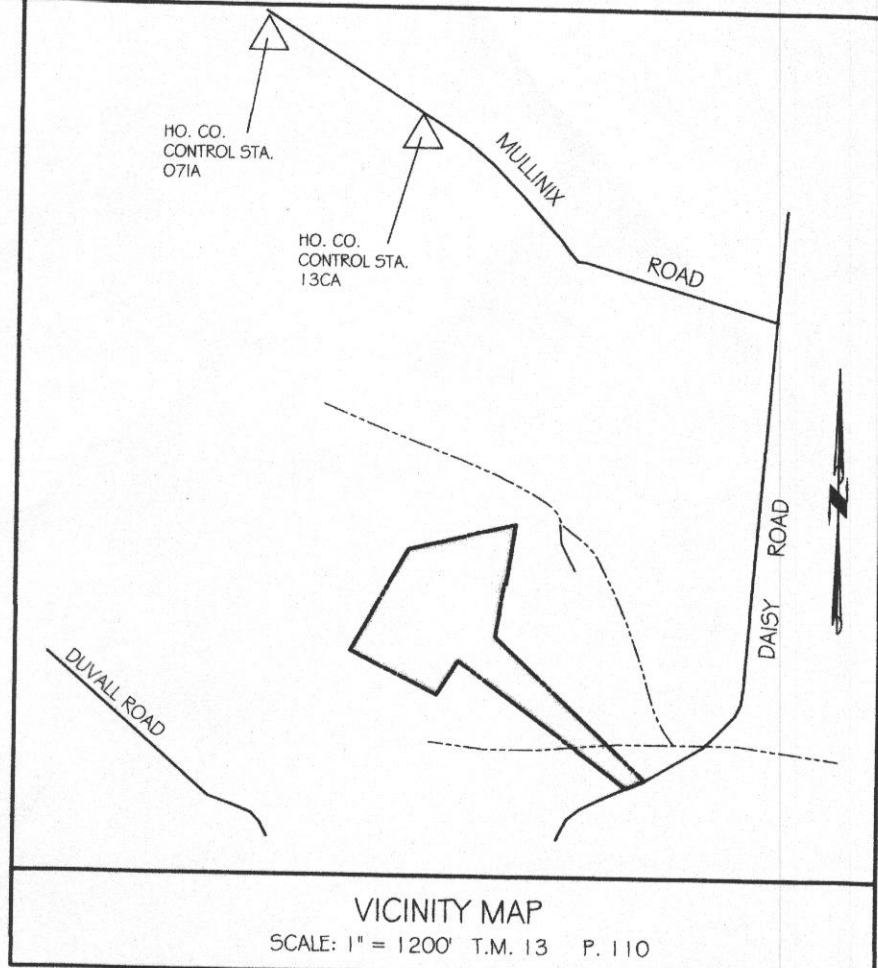
SUBMITTED BY : DBV

G/engr hd percolation test plan for signature transmittal 11.7.14





- GENERAL NOTES:
- OWNER: KATHY & KEVIN VASQUEZ
DEED REFERENCE: LIBER 15104 AT FOLIO 299
DATE: JULY 12, 2013
GRANTOR: JAMES A. & BONITA L. RAYMO TRUST
 - TAX MAP: 13 GRID: 12 PARCEL: 110
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 3 MILES ±
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240044 0007D.
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/91) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
071A N601029.93 E1280753.56
13CA N599676.01 E1290946.54
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - SOIL TYPE: GLENELG (GgB), GAILA (GaC), MANOR (MaD, MaB), Ha (HATBORO).
 - ZONING DISTRICT: RC-DEO
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.



- NOTES:
- The basis of bearings for this survey is based on the NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations 13CA and 071A.
 - No title report furnished; plat is not a comprehensive record of appurtenances or encumbrances of record or in use.
 - Daisy Road is in use by the general public and maintained by Howard County.

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

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

PROFESSIONAL CERTIFICATION

I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/09/15, in accordance with COMAR 09.13.06.12.

For VanMar Associates, Inc. _____ Date _____
T. Michael VanSant, Prof. Land Surveyor

THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

FAILED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:


EX. WELL/PROP. WELL SITE:

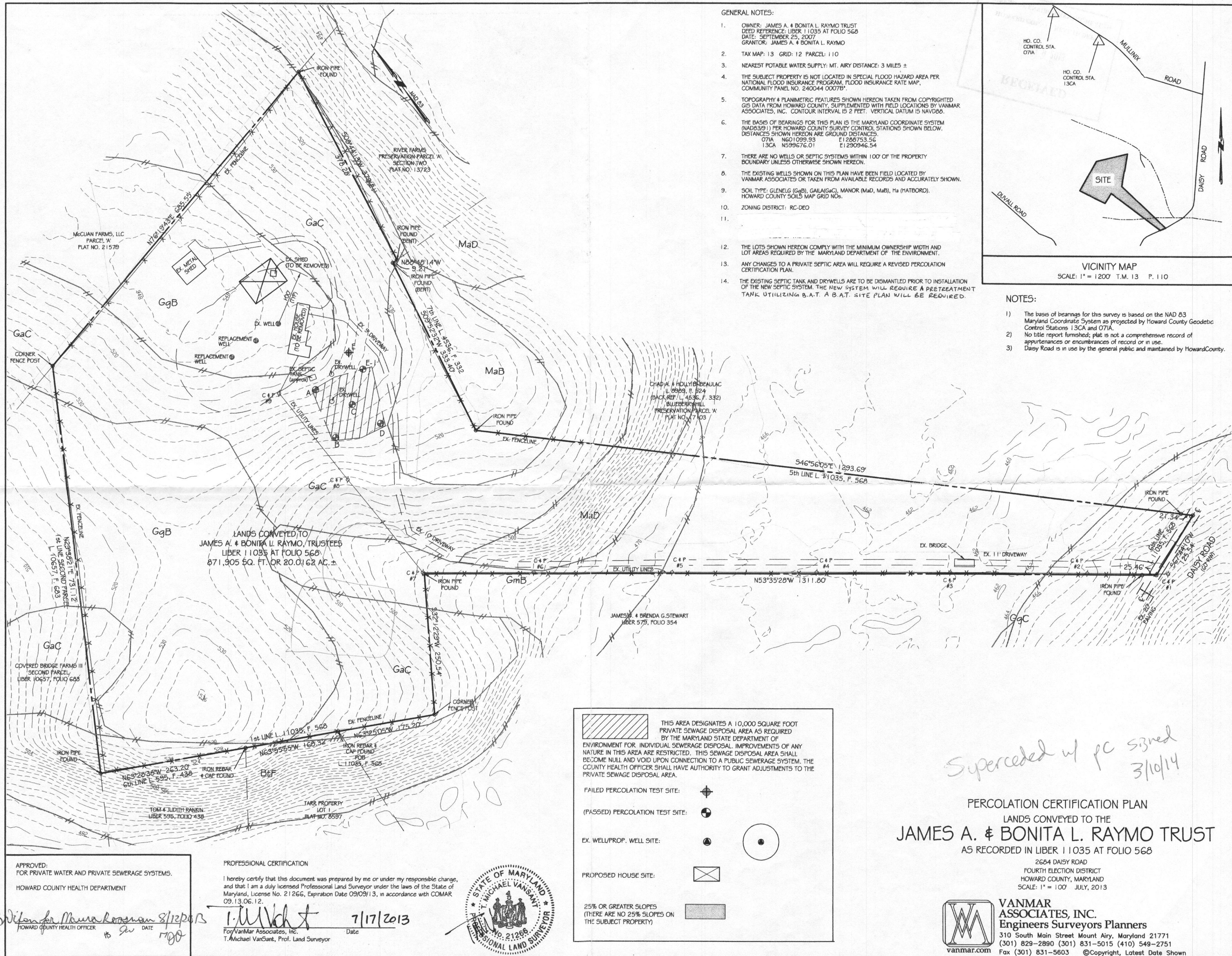
PROPOSED HOUSE SITE:

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY)

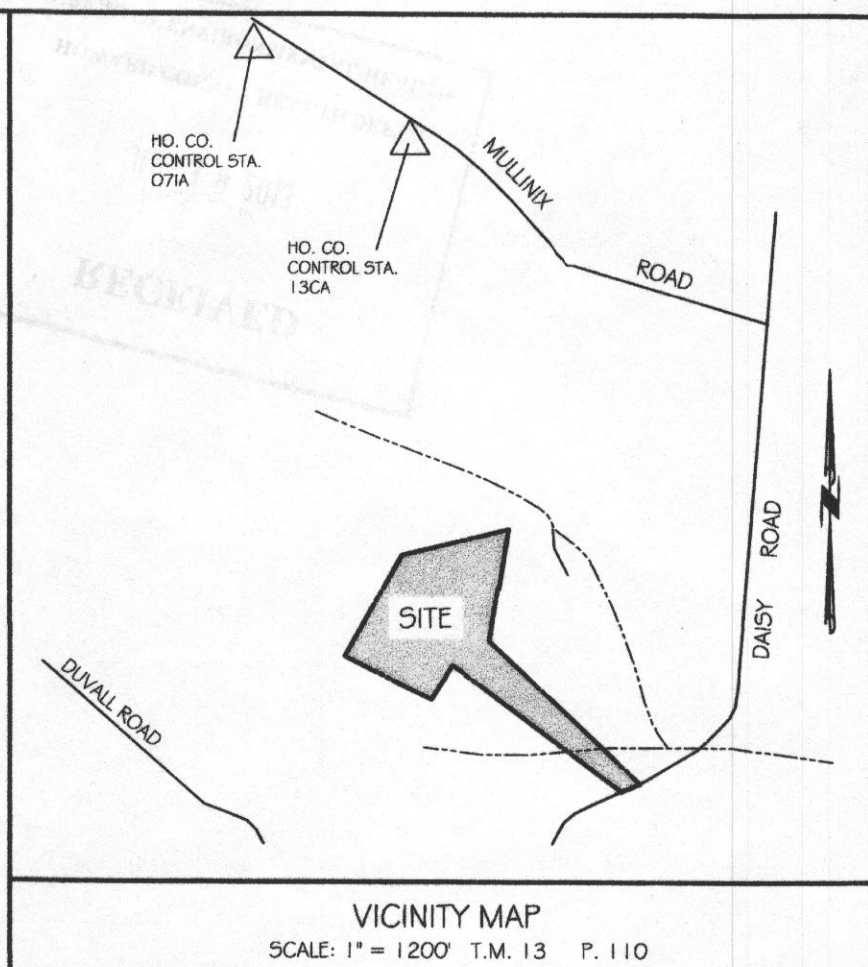
PERCOLATION CERTIFICATION PLAN
LANDS CONVEYED TO THE
KATHY & KEVIN VASQUEZ
AS RECORDED IN LIBER 15104 AT FOLIO 299
2684 DAISY ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JUNE, 2013

REVISED: 01/04/14 SEWAGE AREA & OWNERS

 **VANMAR ASSOCIATES, INC.**
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown



- GENERAL NOTES:
- OWNER: JAMES A. & BONITA L. RAYMO TRUST
DEED REFERENCE: LIBER 11035 AT FOLIO 568
DATE: SEPTEMBER 25, 2007
GRANTOR: JAMES A. & BONITA L. RAYMO
 - TAX MAP: 13 GRID: 12 PARCEL: 110
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 3 MILES ±
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240044 0007B.
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/91) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
071A N601099.93 E1288753.56
13CA N599676.01 E1290946.54
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - SOIL TYPE: GLENELG (GgB), GAILA (GaC), MANOR (MaD, MaB), Ha (HATBORO), HOWARD COUNTY SOILS MAP GRID NOS.
 - ZONING DISTRICT: RC-DEO
 -
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE EXISTING SEPTIC TANK AND DRYWELLS ARE TO BE DISMANTLED PRIOR TO INSTALLATION OF THE NEW SEPTIC SYSTEM. THE NEW SYSTEM WILL REQUIRE A PRETREATMENT TANK UTILIZING B.A.T. A B.A.T. SITE PLAN WILL BE REQUIRED.



- NOTES:
- The basis of bearings for this survey is based on the NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations 13CA and 071A.
 - No title report furnished; plat is not a comprehensive record of appurtenances or encumbrances of record or in use.
 - Daisy Road is in use by the general public and maintained by Howard County.

THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

FAILED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:

EX. WELL/PROP. WELL SITE:

PROPOSED HOUSE SITE:

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY)

PERCOLATION CERTIFICATION PLAN
LANDS CONVEYED TO THE
JAMES A. & BONITA L. RAYMO TRUST
AS RECORDED IN LIBER 11035 AT FOLIO 568

2684 DAISY ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JULY, 2013

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

Superseded w/ pc signed 3/10/14

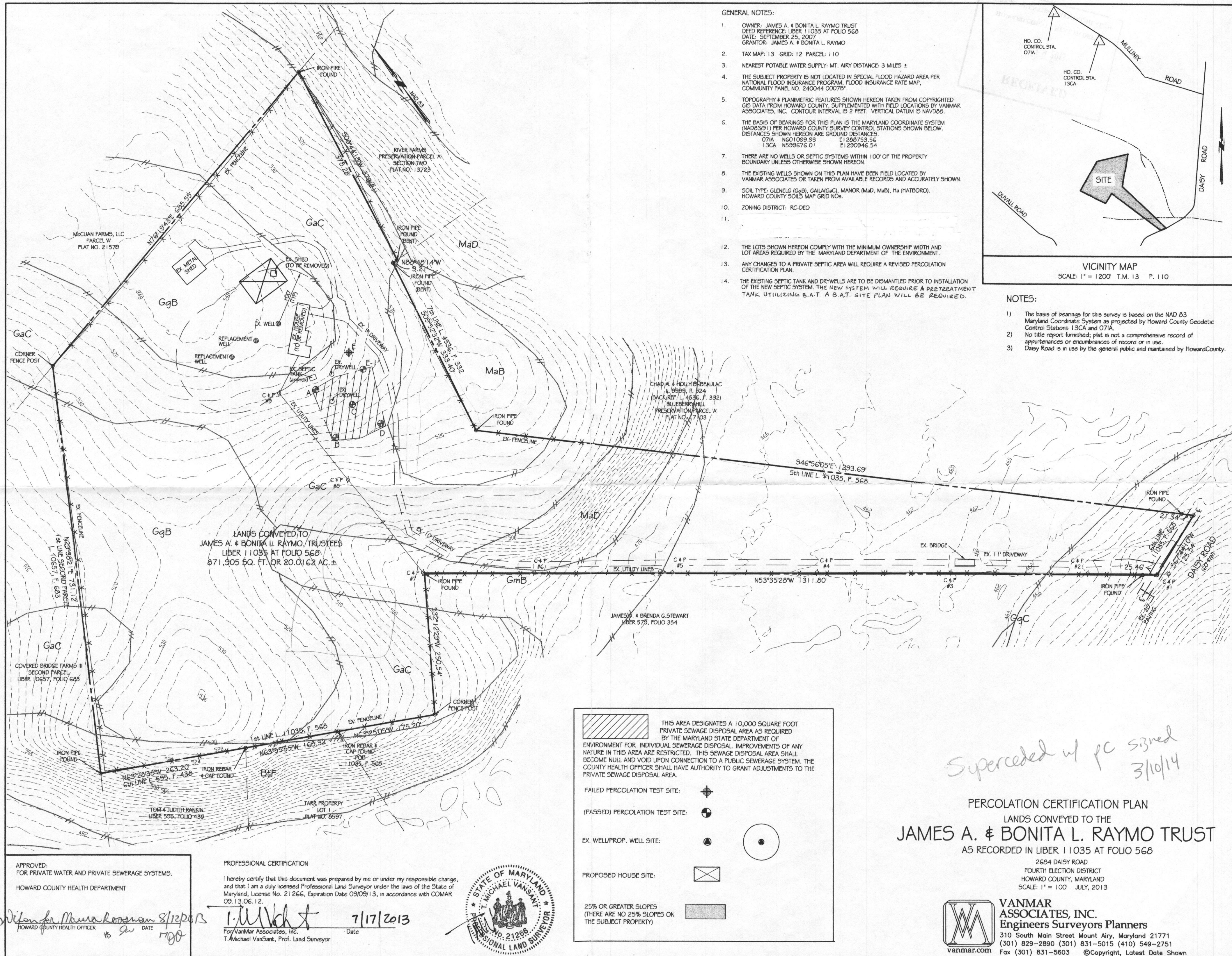
APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

William M. VanSant 8/12/2013
HOWARD COUNTY HEALTH OFFICER

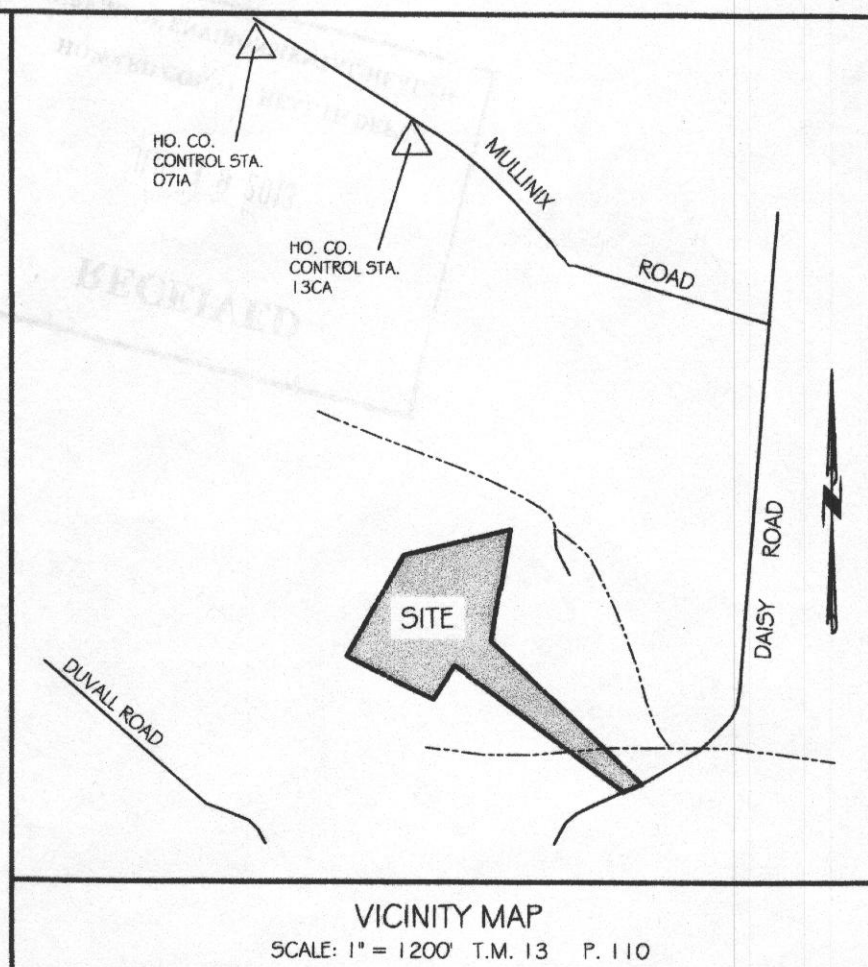
PROFESSIONAL CERTIFICATION
I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/09/13, in accordance with COMAR 09.13.06.12.

T. Michael VanSant 7/17/2013
For VanMar Associates, Inc. Date
T. Michael VanSant, Prof. Land Surveyor

STATE OF MARYLAND
T. MICHAEL VANSANT
No. 21266
PROFESSIONAL LAND SURVEYOR



- GENERAL NOTES:
- OWNER: JAMES A. & BONITA L. RAYMO TRUST
DEED REFERENCE: LIBER 11035 AT FOLIO 568
DATE: SEPTEMBER 25, 2007
GRANTOR: JAMES A. & BONITA L. RAYMO
 - TAX MAP: 13 GRID: 12 PARCEL: 110
 - NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 3 MILES ±
 - THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240044 0007B.
 - TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 - THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/2011) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
071A N601099.93 E1288753.56
13CA N599676.01 E1290946.54
 - THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 - THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 - SOIL TYPE: GLENELG (GgB), GAILA (GaC), MANOR (MaD, MaB), Ha (HATBORO), HOWARD COUNTY SOILS MAP GRID NOS.
 - ZONING DISTRICT: RC-DEO
 -
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
 - THE EXISTING SEPTIC TANK AND DRYWELLS ARE TO BE DISMANTLED PRIOR TO INSTALLATION OF THE NEW SEPTIC SYSTEM. THE NEW SYSTEM WILL REQUIRE A PRETREATMENT TANK UTILIZING B.A.T. A B.A.T. SITE PLAN WILL BE REQUIRED.



- NOTES:
- The basis of bearings for this survey is based on the NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations 13CA and 071A.
 - No title report furnished; plat is not a comprehensive record of appurtenances or encumbrances of record or in use.
 - Daisy Road is in use by the general public and maintained by Howard County.

THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

FAILED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:

EX. WELL/PROP. WELL SITE:

PROPOSED HOUSE SITE:

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY):

Superseded w/ pc signed 3/10/14

PERCOLATION CERTIFICATION PLAN
LANDS CONVEYED TO THE
JAMES A. & BONITA L. RAYMO TRUST
AS RECORDED IN LIBER 11035 AT FOLIO 568

2684 DAISY ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JULY, 2013

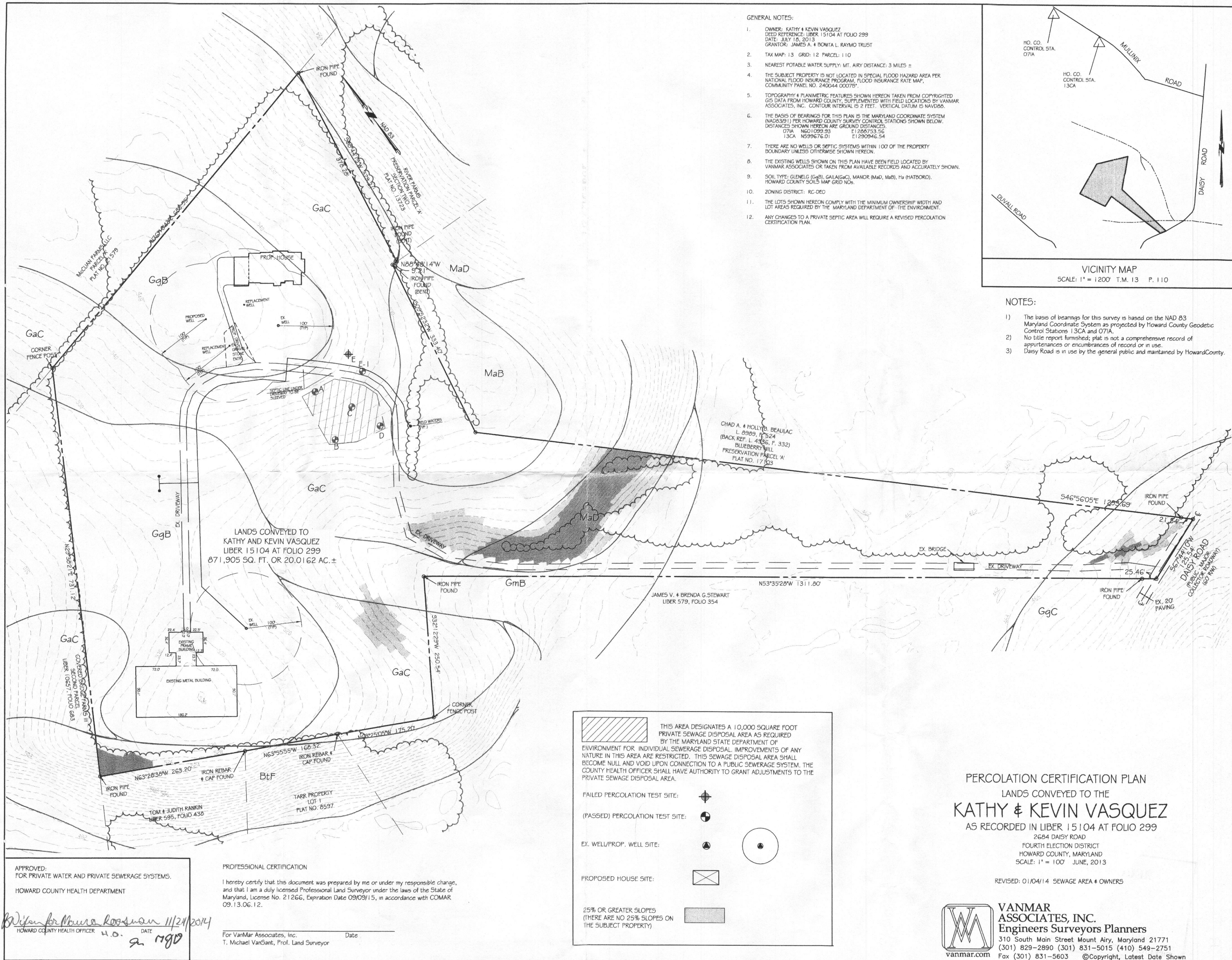
VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

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

PROFESSIONAL CERTIFICATION
I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/09/13, in accordance with COMAR 09.13.06.12.

T. Michael VanSant 7/17/2013
For VanMar Associates, Inc. Date
T. Michael VanSant, Prof. Land Surveyor

STATE OF MARYLAND
T. MICHAEL VANSANT
PROFESSIONAL LAND SURVEYOR
No. 21266



- GENERAL NOTES:
1. OWNER: KATHY & KEVIN VASQUEZ
DEED REFERENCE: LIBER 15104 AT FOLIO 299
DATE: JULY 18, 2013
GRANTOR: JAMES A. & BONITA L. RAYMO TRUST
 2. TAX MAP: 13 GRID: 12 PARCEL: 110
 3. NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 3 MILES ±
 4. THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240044 00075.
 5. TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 6. THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
071A N601099.93 E1266753.56
13CA N599676.01 E1290946.54
 7. THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 8. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 9. SOIL TYPE: GLENELG (GaB), GAILA (GaC), MANOR (MaB), Ha (HATBORO), HOWARD COUNTY SOILS MAP GRID NOS.
 10. ZONING DISTRICT: RC-DEO
 11. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 12. ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

- NOTES:
- 1) The basis of bearings for this survey is based on the NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations 13CA and 071A.
 - 2) No title report furnished; plat is not a comprehensive record of appurtenances or encumbrances of record or in use.
 - 3) Daisy Road is in use by the general public and maintained by Howard County.

PERCOLATION CERTIFICATION PLAN
LANDS CONVEYED TO THE
KATHY & KEVIN VASQUEZ
AS RECORDED IN LIBER 15104 AT FOLIO 299
2684 DAISY ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JUNE, 2013

REVISED: 01/04/14 SEWAGE AREA & OWNERS

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
William Br. Mura Rossman 11/24/2014
DATE
2 1790

PROFESSIONAL CERTIFICATION
I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/09/15, in accordance with COMAR 09.13.06.12.

For VanMar Associates, Inc. Date
T. Michael VanSant, Prof. Land Surveyor

THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

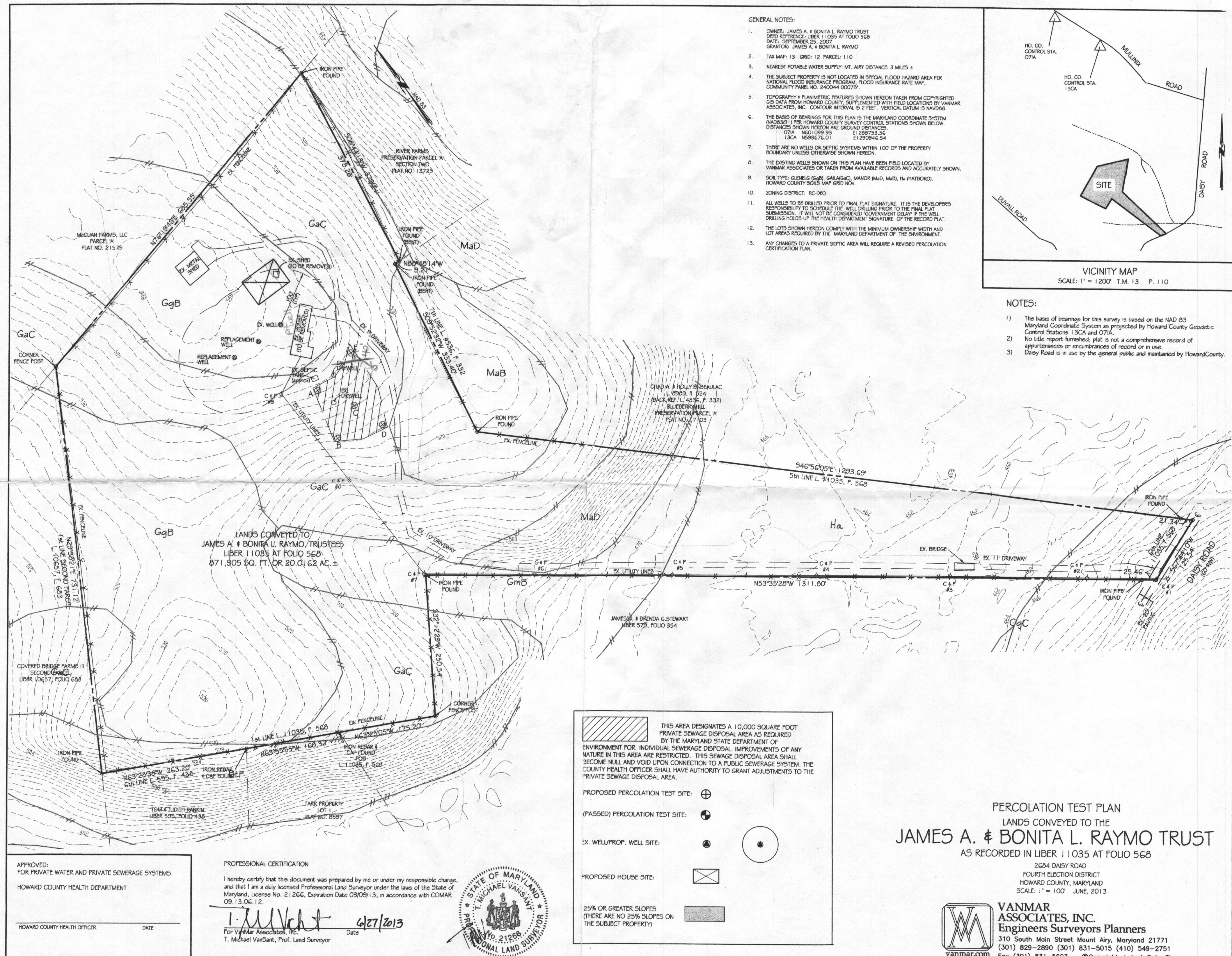
FAILED PERCOLATION TEST SITE:

(PASSED) PERCOLATION TEST SITE:

EX. WELL/PROP. WELL SITE:

PROPOSED HOUSE SITE:

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY):



- GENERAL NOTES:
1. OWNER: JAMES A. & BONITA L. RAYMO TRUST
DEED REFERENCE: LIBER 11035 AT FOLIO 568
DATE: SEPTEMBER 25, 2007
GRANTOR: JAMES A. & BONITA L. RAYMO
 2. TAX MAP: 13 GRID: 12 PARCEL: 110
 3. NEAREST POTABLE WATER SUPPLY: MT. AIRY DISTANCE: 3 MILES ±
 4. THE SUBJECT PROPERTY IS NOT LOCATED IN SPECIAL FLOOD HAZARD AREA PER NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 240044 00078.
 5. TOPOGRAPHY & PLANIMETRIC FEATURES SHOWN HEREON TAKEN FROM COPYRIGHTED GIS DATA FROM HOWARD COUNTY, SUPPLEMENTED WITH FIELD LOCATIONS BY VANMAR ASSOCIATES, INC. CONTOUR INTERVAL IS 2 FEET. VERTICAL DATUM IS NAVD83.
 6. THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD83/01) PER HOWARD COUNTY SURVEY CONTROL STATIONS SHOWN BELOW. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.
071A N601089.93 E1268753.56
13CA N599676.01 E1290846.54
 7. THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
 8. THE EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED BY VANMAR ASSOCIATES OR TAKEN FROM AVAILABLE RECORDS AND ACCURATELY SHOWN.
 9. SOIL TYPE: GLENELG (GaB), GAILAG (GaC), MANOR (MaD), MaB, Ha (MATBORD), HOWARD COUNTY SOILS MAP GRID NOS.
 10. ZONING DISTRICT: RC-DEO
 11. ALL WELLS TO BE DRILLED PRIOR TO FINAL PLAT SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO THE FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
 12. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 13. ANY CHANGES TO A PRIVATE SEPTIC AREA WILL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

VICINITY MAP
SCALE: 1" = 1200' T.M. 13 P. 110

- NOTES:
- 1) The basis of bearings for this survey is based on the NAD 83 Maryland Coordinate System as projected by Howard County Geodetic Control Stations 13CA and 071A.
 - 2) No title report furnished; plat is not a comprehensive record of appurtenances or encumbrances of record or in use.
 - 3) Daisy Road is in use by the general public and maintained by Howard County.

THIS AREA DESIGNATES A 10,000 SQUARE FOOT PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.

PROPOSED PERCOLATION TEST SITE: ⊕

(PASSED) PERCOLATION TEST SITE: ⊙

EX. WELL/PROP. WELL SITE: ●

PROPOSED HOUSE SITE: ⊠

25% OR GREATER SLOPES (THERE ARE NO 25% SLOPES ON THE SUBJECT PROPERTY): ■

PERCOLATION TEST PLAN
LANDS CONVEYED TO THE
JAMES A. & BONITA L. RAYMO TRUST
AS RECORDED IN LIBER 11035 AT FOLIO 568

2684 DAISY ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' JUNE, 2013

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
Fax (301) 831-5603 ©Copyright, Latest Date Shown

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

HOWARD COUNTY HEALTH OFFICER DATE

PROFESSIONAL CERTIFICATION

I hereby certify that this document was prepared by me or under my responsible charge, and that I am a duly licensed Professional Land Surveyor under the laws of the State of Maryland, License No. 21266, Expiration Date 09/09/13, in accordance with COMAR 09.13.06.12.

T. Michael VanSant 6/27/2013
For VanMar Associates, Inc. Date
T. Michael VanSant, Prof. Land Surveyor

