



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

A/P 555375  
DATE 12-17-14

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

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

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

CHECK AS NEEDED:

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

CHECK ONE:

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH \_\_\_\_\_ 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) ELIZABETH A. PALAN

DAYTIME PHONE \_\_\_\_\_ CELL 410 382 8413 FAX \_\_\_\_\_

MAILING ADDRESS 1671 HENRYTON ROAD MARRIOTTSVILLE MD 21104  
STREET CITY/TOWN STATE ZIP

APPLICANT RICHARDSON ENGINEERING, LLC (RICK RICHARDSON)

DAYTIME PHONE 410 560 1502 CELL 443 324 3148 FAX 443 901 1208

MAILING ADDRESS 30 EAST PADONIA ROAD SUITE 500 TIMONIUM MD 21093  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME 1671 HENRYTON ROAD LOT NO. 5

PROPERTY ADDRESS 1671 HENRYTON ROAD MARRIOTTSVILLE  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 10 GRID 14 PARCEL(S) 222 PROPOSED LOT SIZE 4.96 Act.

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.

Rick Richardson  
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

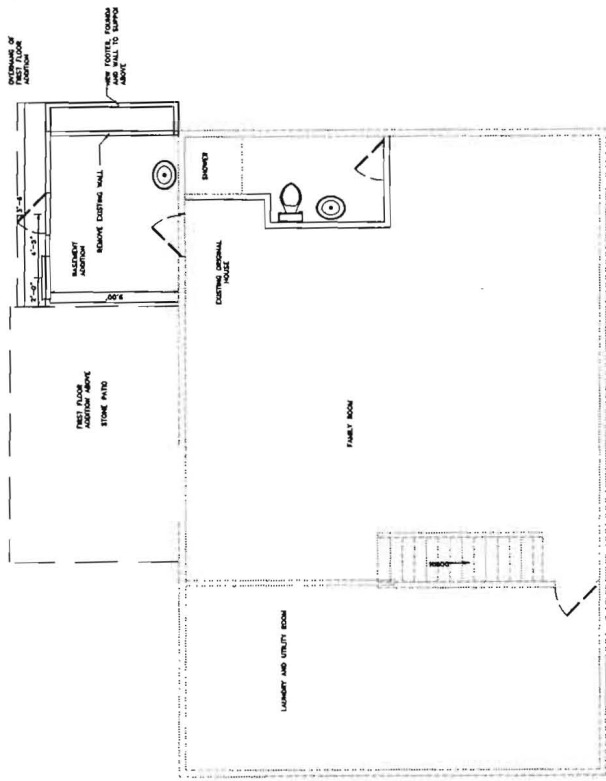


1/

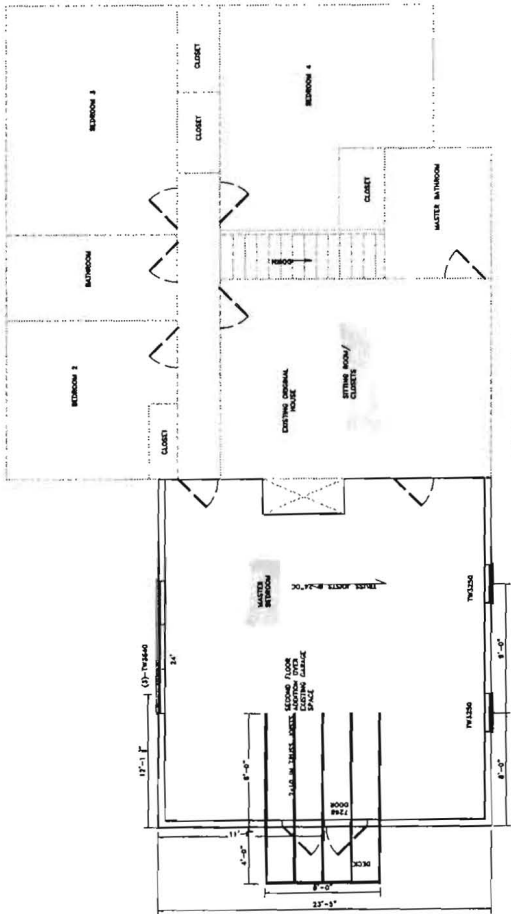
# Response

Friday Feb 13

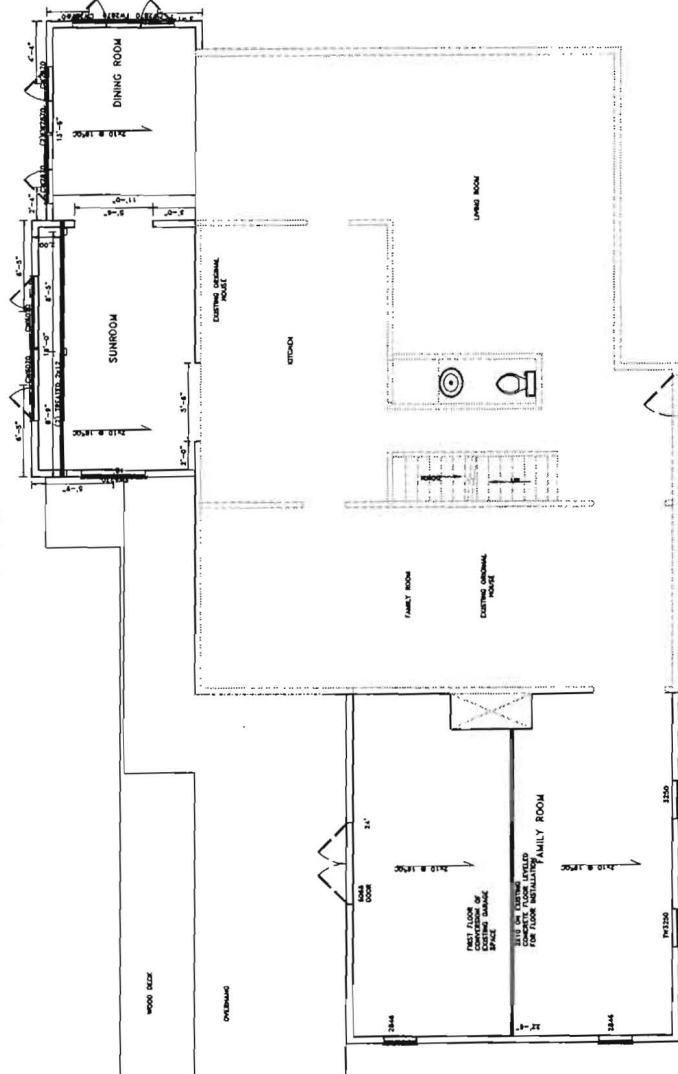
- Develop percent for signature based on old holes plus below
- 4' buffer hole at end of existing trench & (1)' in middle.
- profiles match will accept old holes.
- decrease to 4 BR's, no BAT
- if rock at 13' then reduce trench.



BASEMENT FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN

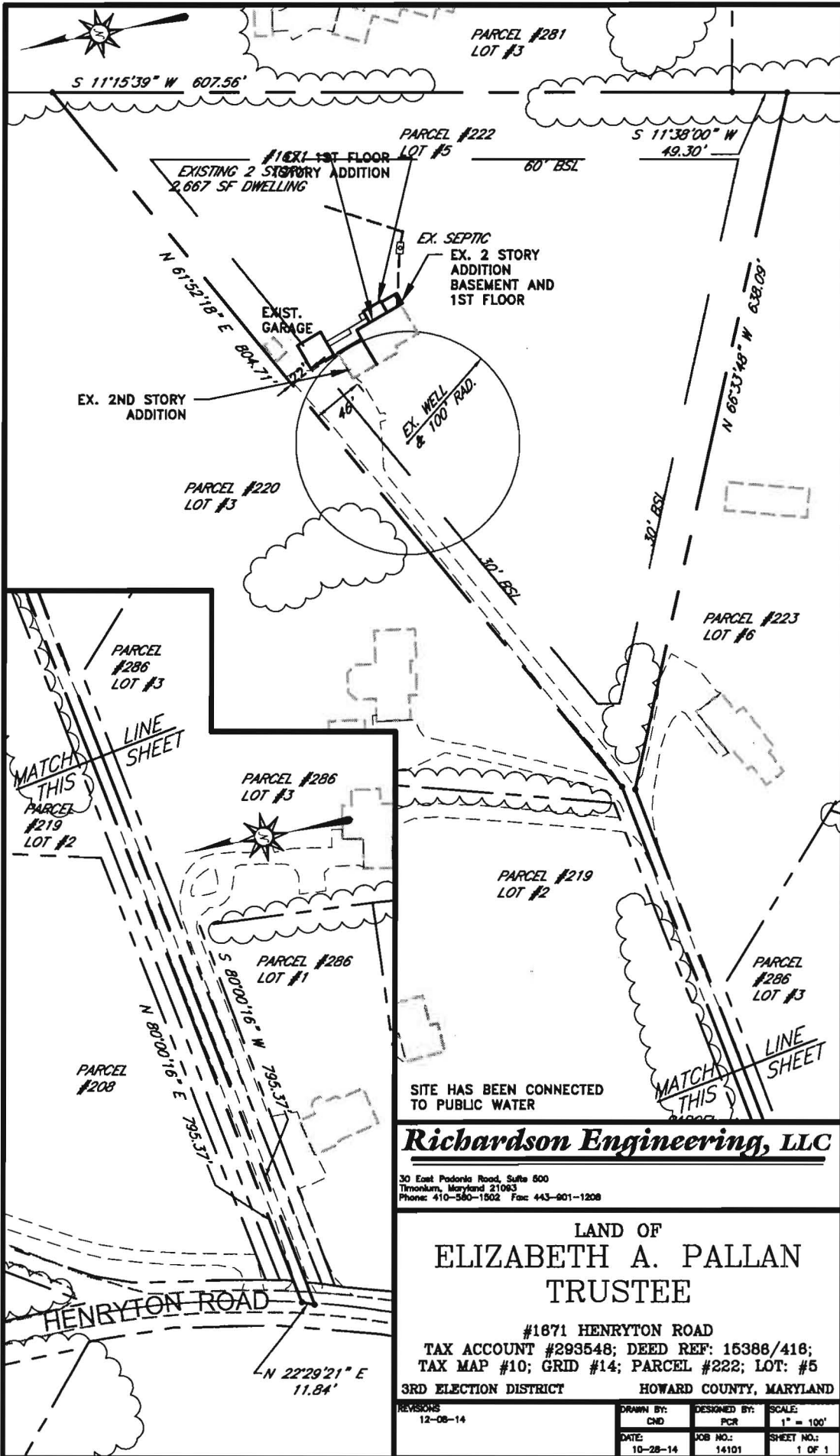
**Richardson Engineering, LLC**

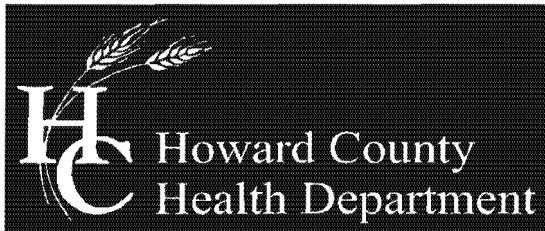
30 East Potomac Street, Suite 500  
 Annapolis, MD 21403  
 Phone: 410-260-1502 Fax: 443-901-1208

FLOOR PLANS  
 FOR

**PALLAN RESIDENCE**  
 1671 HENRYTON ROAD  
 MARIOTTVILLE, MD

DESIGNED BY:	SCALE:	1" = 1'-0"
DRAWN BY:	DATE:	12/08/14
CHECKED BY:	JOB NO.:	14101
DATE:	SHEET NO.:	1 OF 3





## Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

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### MEMORANDUM

TO: Cindy Hamilton  
Division of Zoning Administration and Public Service

FROM: Hank Oswald  
Well & Septic Program  
Bureau of Environmental Health

RE: BA 14-041V

DATE: February 25, 2015

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The Health Department has reviewed the above referenced petition with no objections but has the following comment.

- Building permit is contingent on percolation certification plan and resolving well related issues.



DEC 23 2014

DPZ Office use only:	
CASE NO.	BA 14-041 V
DATE FILED	12/23/14

**RESIDENTIAL DISTRICT VARIANCE PETITION  
TO THE HOWARD COUNTY HEARING EXAMINER**

**1. VARIANCE REQUEST**

SECTION 105.0 of the Zoning Regulations (describe) E. 4 @ 3  
MINIMUM SIDE SETBACK

**2. PETITIONER'S NAME** JOSEPH M. O'FERRALL & KATHLEEN O'FERRALL

TRADING AS (IF APPLICABLE) \_\_\_\_\_

ADDRESS 1671 HENRYTON ROAD MARIOTTSVILLE MD. 21104

PHONE NO. (W) 410 215 3766 (H) \_\_\_\_\_

EMAIL KOFERRALL@HCPSS.ORG

**3. COUNSEL FOR PETITIONER** EDWIN S. TILLMAN JR.

COUNSEL'S ADDRESS 5950 SYMPHONY WOODS COLUMBIA MD 21044

COUNSEL'S PHONE NO. 410 884 1160

EMAIL tee.tillman@colonytitle.com

**4. PROPERTY IDENTIFICATION**

ADDRESS OF SUBJECT PROPERTY 1671 HENRYTON ROAD

MARIOTTSVILLE MD 21104

ELECTION DISTRICT 3RD ZONING DISTRICT RR-DEO ACREAGE 4.9

TAX MAP # 10 GRID # 14 PARCEL # 222 LOT # 5

SUBDIVISION NAME (if applicable) -

PLAT NUMBER AND DATE -

**5. PETITIONER'S INTEREST IN SUBJECT PROPERTY**

OWNER (including joint ownership)

OTHER (describe and give name and address of owner)

PURSUANT TO LAND INSTALLMENT CONTRACT

If the Petitioner is not the owner of the subject property, documentation from the owner authorizing the petition must accompany this petition.

**PLEASE READ CAREFULLY  
DATA TO ACCOMPANY PETITION**

**6. VARIANCE PLAN**

No application for a variance shall be considered complete unless the plan indicates the required setback or other requirement, and the requested variance from the subject setback or other requirement. The submitted plans shall be folded to approximately 8 ½ x 14 inches.

**The plan must be drawn to scale and must include the items listed below:**

- (a) Courses and distances of outline boundary lines and the size of the property
- (b) North arrow
- (c) Zoning of subject property and adjoining property
- (d) Scale of plan
- (e) Existing and proposed uses, structures, natural features and landscaping
- (f) Location and surface material of existing and proposed parking spaces, driveways, and points of access; number of existing and proposed parking spaces
- (g) Location of all building and use restriction lines
- (h) Same as (a) through (g) above, of any adjoining, confronting and vicinal properties as necessary for proper examination of the petition, or, if applicable, a copy of the subdivision plat for the community
- (i) Location of well and private sewerage easement area, if property is to be served by private water and sewer
- (j) Election District in which the subject property is located
- (k) Tax Map and parcel number on which the subject property is located
- (l) Name of local community in which the subject property is located or name of nearby community
- (m) Name, mailing address, telephone number (and e-mail address if any) of the petitioner
- (n) Name, mailing address, telephone number (and e-mail address if any) of attorney, if any
- (o) Name and mailing address of property owner
- (p) Floor area and height of structures, setback distances from property lines, and other numerical values necessary for the examination of the petition
- (q) Location of subject property in relation, by approximate dimension, to the center line of nearest intersection of two public roads
- (r) Ownership of affected roads
- (s) A detailed description of all exterior building materials for all proposed structures
- (t) Any other information as may be necessary for full and proper consideration of the petition

7. VARIANCE

A) Describe why the application of the Zoning Regulations in question to your particular property would result in practical difficulties or unnecessary hardships in complying strictly with the bulk requirements:

1. The physical character of the property is different from the character of the surrounding properties because of its ( ) narrowness, ( ) shallowness, (X) shape, ( ) topography, ( ) other; explain: BECAUSE OF WELL & SEPTIC LOCATION HOUSE IS LOCATED ON FAR NORTHWEST SIDE OF PROPERTY. ADDITION ENCRACHES MINIMALLY OVER SIDE SETBACK LINE.

2. The uniqueness of the property prevents me from making a reasonable use of the property because: SEE ABOVE

B) The intended use of the property, in the event the petition is granted: RESIDENTIAL

C) Any other factors which the Petitioner desires to have considered: THE ENCAOACHMENT IS 180' FROM NEAREST NEIGHORING HOME- NEIGHBOR DOES NOT OBJECT TO LOCATION OF ADDITION.

D) Explain why the requested variance is the minimum necessary to afford relief: EXISTING STRUCTURE UTILIZING GARAGE AS LOGICAL LOCATION GIVEN LOCATION OF DRIVEWAY.

E) Is the property connected to: public water?: Y  N ; public sewer?: Y  N

F) If the variance is granted, would it impact the water and/or septic/sewer on the site? Y  N

G) If the variance is granted, would it increase the intensity of uses on the site? Y  N  if yes, explain: \_\_\_\_\_

H) If the requested variance is granted, would it increase traffic to or from the site? Y  N  if yes, explain: \_\_\_\_\_

I) Describe in detail all means of vehicular access onto the site (i.e. width, type of paving, etc.): MACADAM DRIVEWAY SHARED WITH OTHER PROPERTY OWNERS. ADDITION VARIANCE IS 300' FROM COMMON DRIVEWAY SPLIT.

J) Describe the topography of the site: PROPERTY IS RELATIVELY LEVEL  
WITH TREES SURROUNDING PERIMETER.

K) Will the existing or proposed structure be visible from adjacent properties? Y/N; if yes, describe any proposed buffering or landscaping: THERE ARE MATURE TREES BETWEEN  
GARAGE AND NEAREST NEIGHBORING HOME.

L) Describe any existing buffering or landscaping: SEE ABOVE

**8. PRIOR PETITIONS**

Has any petition for the same variance, or substantially the same variance as contained herein, for the same property as the subject of this petition been disapproved by the Hearing Examiner within twenty four (24) months of the date of this petition?  YES  NO

If yes, and six (6) months have elapsed since the last hearing, an affidavit setting forth new and different grounds on which re-submittal is based must be attached.

**9. ADDITIONAL MATERIAL, FEES, POSTING, AND ADVERTISING**

- a) If desired, supplemental pages may be attached to the petition. The following number of petitions, plans and supplemental pages must be submitted:
  - *If the subject property adjoins a State road- original and 19 copies (application & plans)*
  - *If the subject property adjoins a County road- original and 16 copies (application & plans)*
- b) The undersigned agrees to furnish such additional plats, plans, reports or other material as may be required by the Department of Planning and Zoning and/or the Hearing Examiner in connection with the filing of this petition.
- c) The undersigned agrees to pay all costs in accordance with the current schedule of fees.
- d) The undersigned agrees to properly post the property at least fifteen (15) days prior to the hearing and to maintain the property posters as required, and submit an affidavit of posting at, or before the time of the hearing.
- e) The undersigned agrees to insert legal notices, to be published one (1) time in at least two (2) newspapers of general circulation in Howard County, as prepared and approved by the Department of Planning and Zoning, within at least fifteen (15) days prior to the hearing, and to pay for such advertising costs; and further agrees to submit two (2) approved certificates of the text and publication date(s) of the advertisement at or before the time of the hearing.

**10. PLANNING BOARD REVIEW**

The Hearing Examiner may, at its discretion, refer a residential district variance petition to the Planning Board for review and a recommendation.

**11. SIGNATURES**

The undersigned hereby affirms that all of the statements and information contained in, or filed with, this petition are true and correct.

The undersigned has read the instructions on this form, filing herewith all of the required accompanying information.

KATHLEEN O'FERRALL

*Kathleen A. O'Ferrall* 12/22/14

JOSEPH O'FERRALL

*Joseph O'Ferrall* 12/22/14

\_\_\_\_\_  
Petitioners Name (please print)

\_\_\_\_\_  
Petitioner's Signature

\_\_\_\_\_  
Date

EDWIN E. TULLMAN JR

*Edwin E. Tullman Jr*

12/22/14

\_\_\_\_\_  
Counsel's Name (please print)

\_\_\_\_\_  
Counsel's Signature

\_\_\_\_\_  
Date

\*\*\*\*\*

**For DPZ office use only: (Filing fee is \$300.00 plus \$25.00 per poster.)  
(Make checks payable to "Director of Finance")**

Hearing fee: \$ 300  
Poster fee: \$ 25  
TOTAL: \$ 325 <sup>00</sup>

Receipt No. \_\_\_\_\_

**PLEASE CALL 410-313-2350 FOR AN APPOINTMENT TO SUBMIT YOUR APPLICATION**

**County Website: [www.howardcountymd.gov](http://www.howardcountymd.gov)**

Revised: 07/12

T:\shared\PubSer\Applications\ResVar

PETITIONER JOSEPH & KATHLEEN O'FERRALL  
PROPERTY ADDRESS 1671 HENRYTON ROAD HARRIOTTSVILLE VA

Affidavit made pursuant to the pertinent provisions of Title 22 of the Howard County Code as amended.

THE UNDERSIGNED DOES HEREBY DECLARE THAT NO OFFICER OR EMPLOYEE OF HOWARD COUNTY, WHETHER ELECTED OR APPOINTED, HAS RECEIVED PRIOR HERETO OR WILL RECEIVE SUBSEQUENT HERETO, ANY MONETARY OR MATERIAL CONSIDERATION, ANY SERVICE OR THING OF VALUE, DIRECTLY OR INDIRECTLY, UPON MORE FAVORABLE TERMS THAN THOSE GRANTED TO THE PUBLIC GENERALLY IN CONNECTION WITH THE SUBMISSION, PROCESSING, ISSUANCE, GRANT OR AWARD OF THE ATTACHED APPLICATION FOR A RESIDENTIAL DISTRICT VARIANCE AS REQUESTED FOR THE PROPERTY REFERENCED ABOVE.

I WE, DO SOLEMNLY DECLARE AND AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE CONTENTS OF THE AFOREGOING AFFIDAVIT ARE TRUE AND CORRECT TO THE BEST OF MY, OUR, KNOWLEDGE, INFORMATION AND BELIEF.

[Signature]  
Witness

Kathleen A O'Ferrall / 12/28/14  
Signature Date

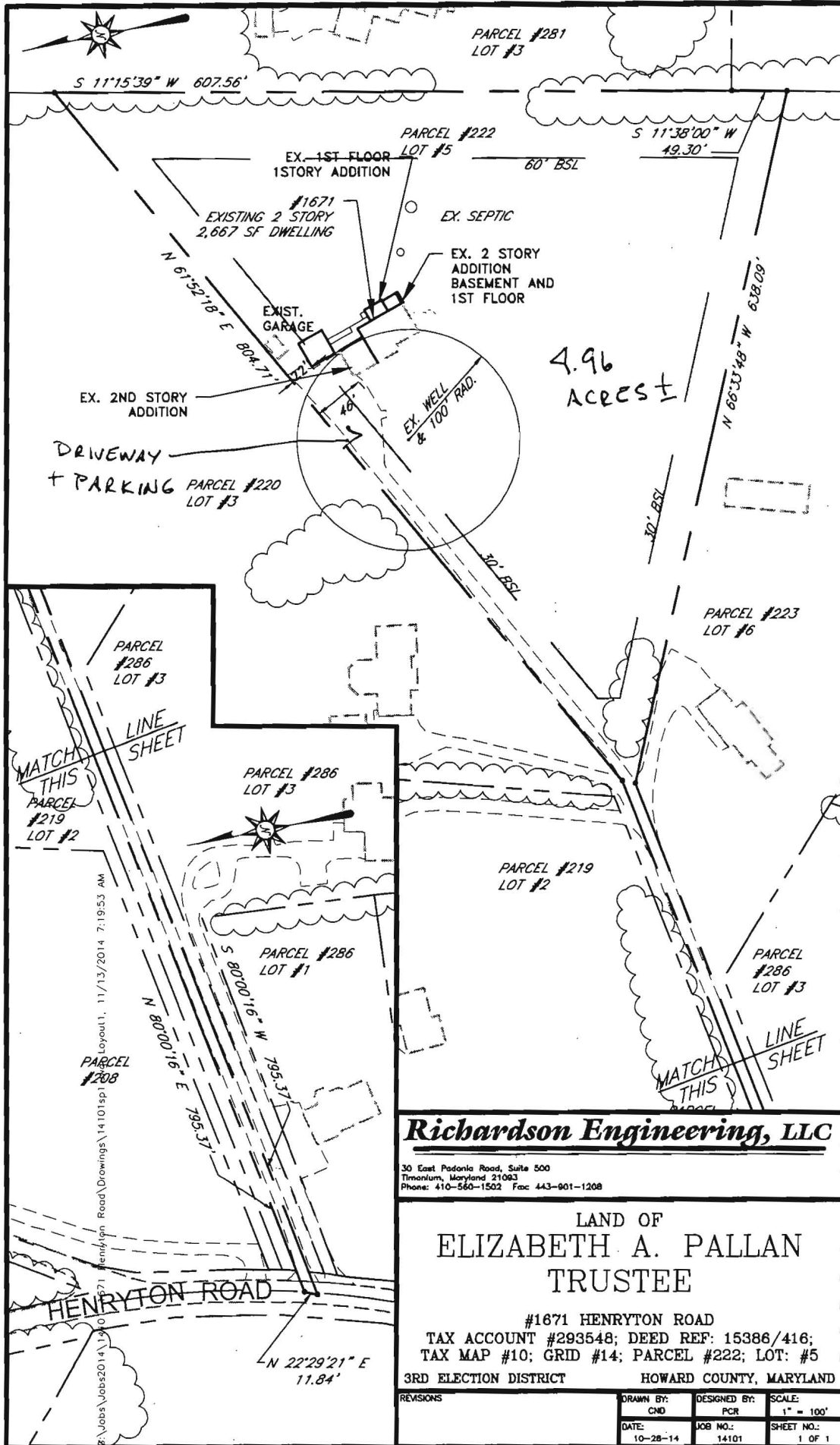
[Signature]  
Witness

Joseph O'Ferrall / 12/22/14  
Signature Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Signature Date

ZONING IS RR-DEO



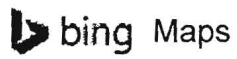
**Richardson Engineering, LLC**

30 East Padonia Road, Suite 500  
Timonium, Maryland 21093  
Phone: 410-560-1502 Fax: 443-901-1208

LAND OF  
**ELIZABETH A. PALLAN TRUSTEE**

#1671 HENRYTON ROAD  
TAX ACCOUNT #293548; DEED REF: 15386/416;  
TAX MAP #10; GRID #14; PARCEL #222; LOT: #5

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

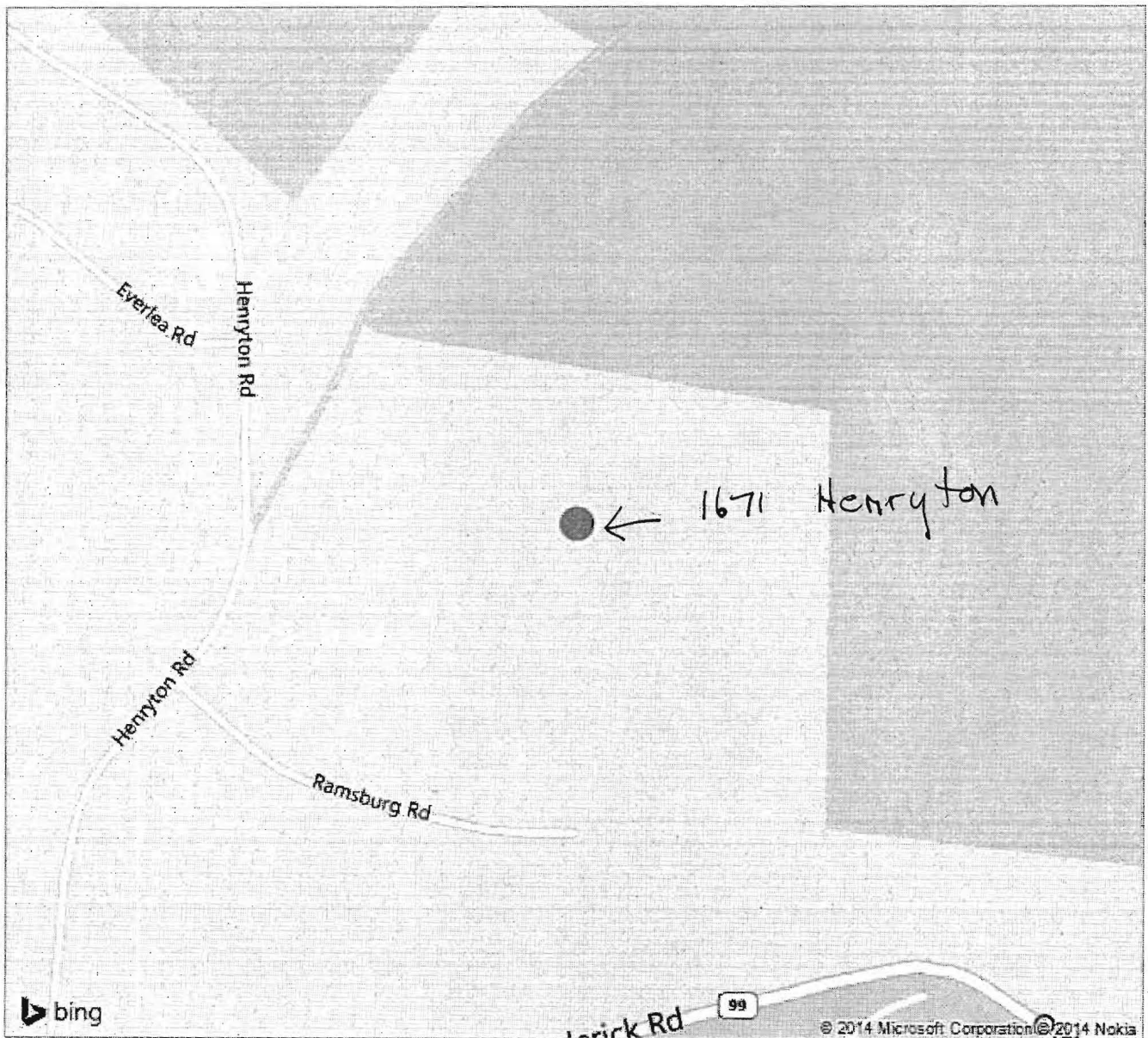
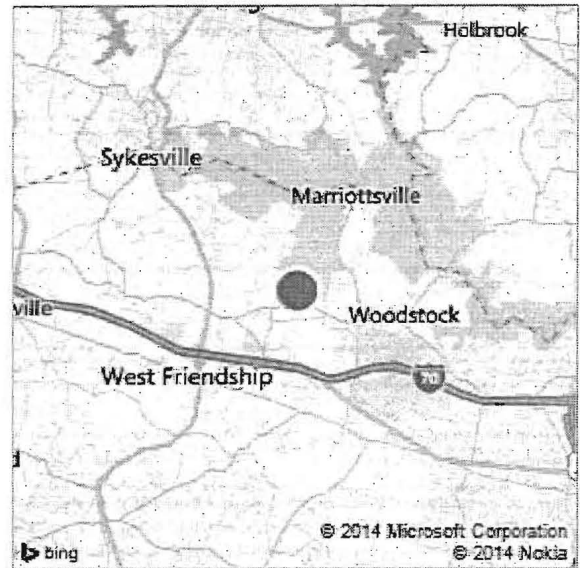


1671 Henryton Rd, Marriottsville, MD 21104

My Notes



On the go? Use [m.bing.com](http://m.bing.com) to find maps, directions, businesses, and more



## VARIANCE PLAN

- (a) See survey attached
- (b) See survey attached
- (c) See survey attached
- (d) See survey attached
- (e) See survey attached
- (f) See survey attached. Surface material is macadam.
- (g) See survey attached
- (h) See survey attached. Adjacent home is depicted on survey. Marriottsville is community.
- (i) See survey attached
- (j) 3<sup>rd</sup> election district
- (k) Tax map #10 Grid #14, Parcel #222
- (l) Local community is Marriottsville
- (m) Petitioners are Joseph and Kathleen O'Ferrall, 1671 Henryton Road, Marriottsville MD 21104, 410 215 3766
- (n) Attorney is Edwin E. Tillman, Jr., 5950 Symphony Woods Road, Suite 418, Columbia MD 21044, 410 884 1160
- (o) Joseph and Kathleen O'Ferrall are the property owners by virtue of a Land Installment Contract recorded among the land records of Howard County at liber 15926 folio 289.
- (p) Floor area approximately 3700 square feet, height between 35 and 40 feet, Side setback is 30 feet. At closest point to property line house is 22 feet.
- (q) Center line of nearest intersection is approximately one half mile.
- (r) Both intersecting roads are Howard county road.
- (s) Building materials for existing structure is vinyl siding and brick
- (t) Structure has been in its present location since 2002. Structure not built by current owners. Best assumption is prior owner failed to correctly consider location of side set back line. Nearest neighboring home has written acknowledgement that they have no objection to structure as located.

The home is located in a remote section of Marriottsville, Howard County and is accessed by a common driveway serving three other properties. The house is in the rear of a five acre lot and located as built in part because of the location of the existing well and septic field. The nearest home is 180 feet, more or less, from the corner of the garage which is partially over the side setback line. The encroachment is 8 feet at the greatest point and because of the angle diminishes to less than one foot. The rear of the property is parkland, so the only home impacted if at all is the adjacent home to the left as you face the dwelling. That neighbor has indicated by attached letter that they have no issue with the location of the dwelling as built.

The variance, if granted will not alter the character of the neighborhood.

Removal of the encroachment would create a hardship for the homeowner. The logical location of the garage is where it has been placed given the location of the driveway.

Granting of the variance is the minimum variance necessary to afford relief.

No other modification or special exception is required.

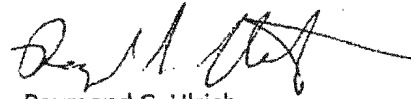
22Dec2014

To Whom It May Concern,

We are the next door neighbor to 1671 Henryton Road. We have lived here at 1669 Henryton Road for one year and five months. We have been made aware that the corner of the garage at 1671 Henryton is over the side setback line by 8 feet. As presently located, we have no objection as to how the house is situated. The home is approximately 180 feet from our home.



Rita J. Hamlet



Raymond G. Ulrich

JG

Department of Planning and Zoning  
Howard County, Maryland  
Recommendations/Comments

Date: January 29, 2015

Hearing Examiner 2/23/15

Planning Board \_\_\_\_\_ Board of Appeals \_\_\_\_\_ Zoning Board \_\_\_\_\_

Petition No. BA 14-041V Map No. \_\_\_\_\_ Block \_\_\_\_\_ Parcel \_\_\_\_\_ Lot \_\_\_\_\_

Petitioner: \_\_\_\_\_ Joseph & Kathleen O'Ferrall

Petitioner's Address: \_\_\_\_\_

Address of Property: \_\_\_\_\_

Return Comments by February 16, 2015 to Public Service and Zoning Administration

Owner: (if other than applicant) \_\_\_\_\_

Owner's Address: \_\_\_\_\_

Petition: \_\_\_\_\_ SEE APPLICATION

\*\*\*\*\*

- To: \_\_\_\_\_ MD Department of Education – Office of Child Care
- \_\_\_\_\_ 3300 N. Ridge Road, Ste. 190, EC, MD 21043 (Louis Valenti)
- \_\_\_\_\_  **Bureau of Environmental Health**
- \_\_\_\_\_ Development Engineering Division
- \_\_\_\_\_ Department of Inspections, Licenses and Permits
- \_\_\_\_\_ Department of Recreation and Parks
- \_\_\_\_\_ Department of Fire and Rescue Services
- \_\_\_\_\_ State Highway Administration
- \_\_\_\_\_ Sgt. Karen Shinham, Howard County Police Dept.
- \_\_\_\_\_ James Irvin, Department of Public Works
- \_\_\_\_\_ Office on Aging, Terri Hansen (senior assisted living)
- \_\_\_\_\_ Police Dept., Animal Control, Deborah Baracco, (kennels)
- \_\_\_\_\_ Susan Fitzpatrick, Health Dept. (Nursing & Res. Care)
- \_\_\_\_\_ Land Development - (Religious Facility & Age-Restricted Adult Housing)
- \_\_\_\_\_ Housing and Community Development
- \_\_\_\_\_ Economic Development
- \_\_\_\_\_ Route 1 Cases – DCCP – Dace Blaumanis
- \_\_\_\_\_ Telecommunication Towers – Josh Levy (Comm. Dept.)

COMMENTS:

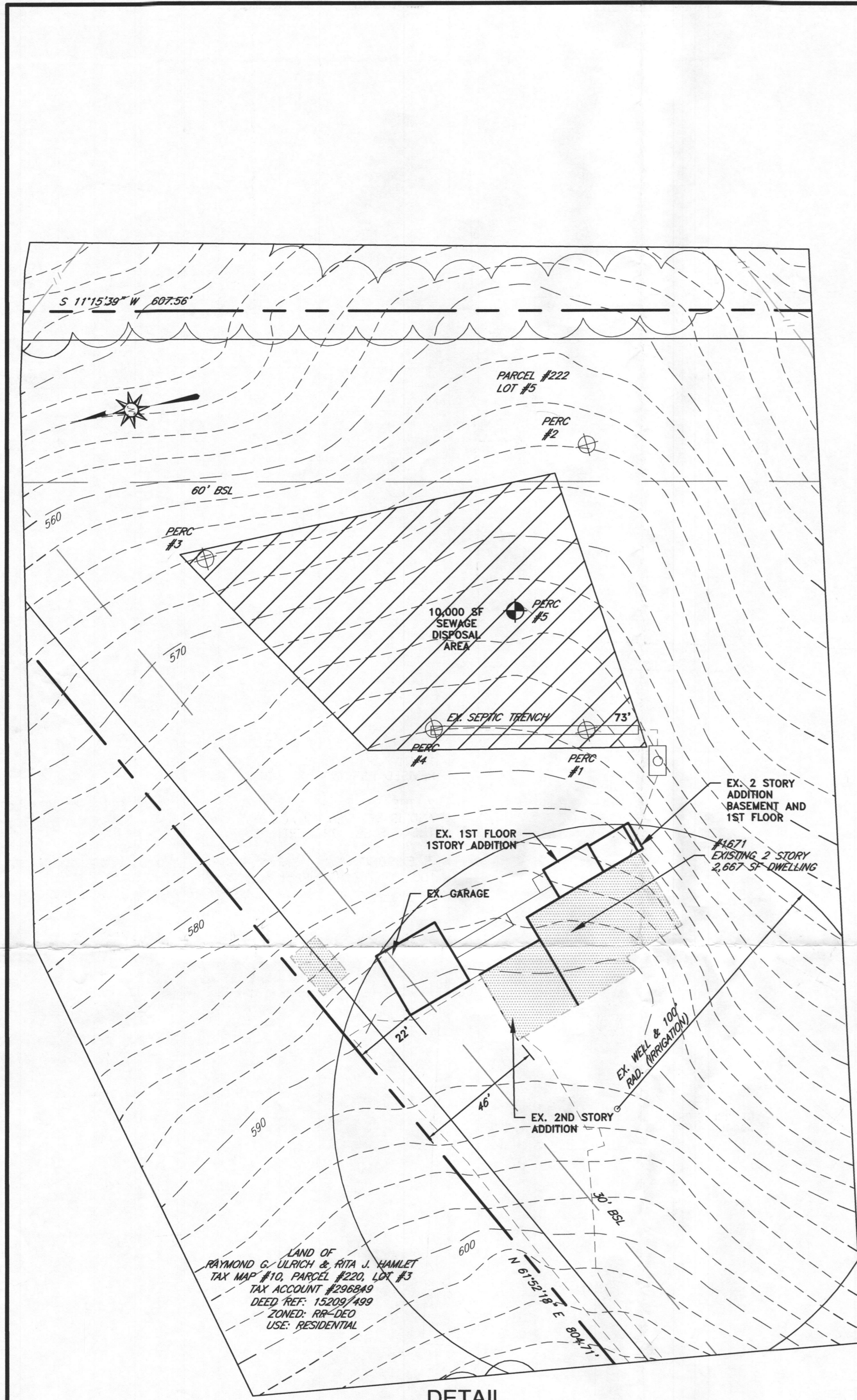
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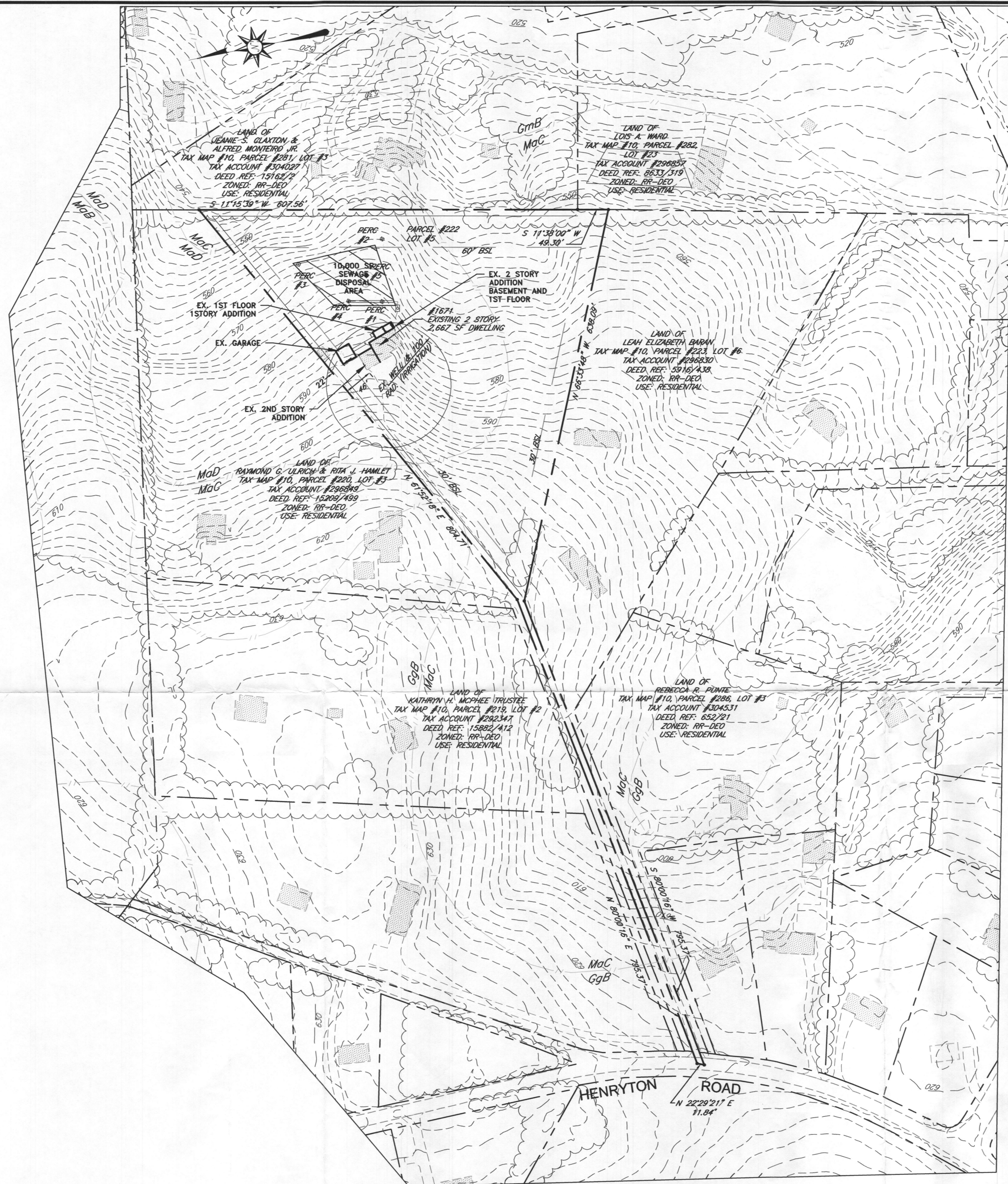
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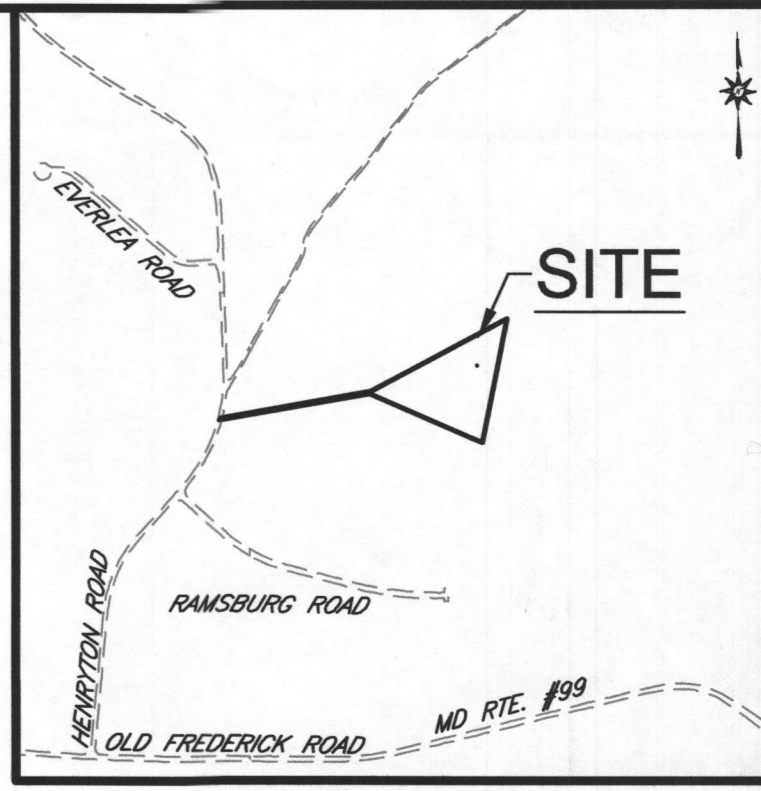
\_\_\_\_\_



**DETAIL**  
SCALE: 1" = 30'



**SITE PLAN**  
SCALE: 1" = 100'



**LOCATION MAP**  
SCALE: 1" = 1000'

**GENERAL NOTES:**

1. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
2. THE TOPOGRAPHY OF THIS PLAT IS TAKEN FROM HOWARD COUNTY GIS AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
3. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
4. THE PURPOSE OF THIS REVISION IS TO VERIFY THAT THE EXISTING SYSTEM COMPLY'S WITH THE CURRENT REGULATORY STANDARDS, COMAR 26.04.02.04C.
5. THE LOT SHOWN HERON WAS RECORDED BY DEED LIBER 15386 FOLIO 416.
6. EXISTING HOUSE IS CURRENTLY SERVICED BY PUBLIC WATER.

THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 sq.ft. AS REQUIRED BY THE MARYLAND 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 EASEMENT RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

7. Prior to Health approval of a building permit for the property, a passing potability test for the well must be submitted to the Health Department and the Health Dept must inspect the associated plumbing to confirm no cross connections with the public water supply.

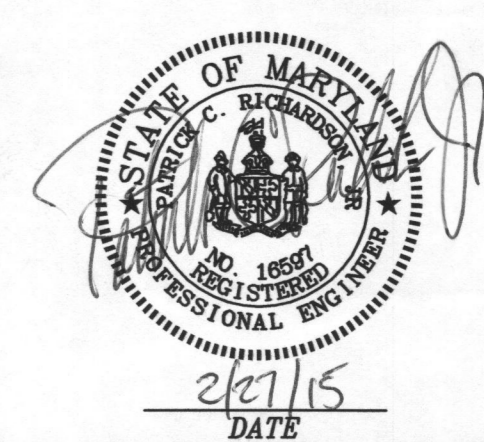
DATE	NO.	REVISION
OWNER/DEVELOPER		OWNER: ELIZABETH A. PALLAN TRUSTEE 1671 HENRYTON ROAD MARRIOTTSVILLE, MD. 21104-1422
		DEVELOPER: ELISABETH A. PALLAN TRUSTEE 1671 HENRYTON ROAD MARRIOTTSVILLE, MD. 21104-1422 PHONE: 410-382-8413

**PROJECT:**  
1671 HENRYTON ROAD

**TITLE:** PERCOLATION CERTIFICATION PLAN

**Richardson Engineering, LLC**

30 East Padonia Road, Suite 500  
Cockeysville, Maryland 21093  
Phone: 410-560-1502 Fax: 443-901-1208



CHECKED BY:	PCR
DESIGNED BY:	PCR
DRAWN BY:	CND
PROJECT NO.:	14101
DATE:	2-13-15
SCALE:	1" = 100'
DRAWING NO.:	1 OF 1

- ⊕ DENOTES PASSING PERCOLATION TEST PERFORMED ON 4-9-1976
- ⊕ DENOTES PASSING PERCOLATION TEST PERFORMED ON 2-13-2015

APPROVED FOR PRIVATE SEWAGE SYSTEM / Public Works  
*Matthew M. Rossman* 3/12/2015  
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPT. DATE

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

PATRICK C. RICHARDSON JR. PE DATE

**PROFESSIONAL CERTIFICATION:**  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NUMBER 16597. EXPIRATION DATE: 08-15-2015

ADDRESS CHART	
LOT/PARCEL#	STREET ADDRESS
5 / 222	1671 HENRYTON ROAD

PERMIT INFORMATION CHART			
SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL	AREA
FLY # OR 1/F	BLOCK #	ZONING	TAX/ZONING MAP
15386/416	N/A	RR-DEO	10
WATER CODE	SEWER CODE	BLK/LOT DIST	CENSUS TRACT
		3RD	6030.01

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Friday, December 12, 2014 9:21 AM  
**To:** 'Richardson, Patrick'  
**Subject:** RE: 1671 Henryton Road\_PLAN REVIEW COMMENTS

Mr. Richardson:

The floor plan is currently showing 5 bedrooms which includes the sitting room/closet by definition of a bedroom under Subtitle 8, Sec. 3.801 of the County Code. The septic system is sized for four bedrooms. To avoid having to upgrade the septic system and installing a BAT treatment device, the floor plan will need to be revised to show the sitting/closet room as a non-bedroom with either built in closets around the room, or a 4 foot wide opening without a door between the master bedroom or eliminate the door leading into the hallway off of this room.

A percolation certification plan will also be required. You may utilize your existing septic record and previous percolation test hole locations on the plan; however the septic record only shows percolation tests conducted down to 12 feet and a tile field depth of 10 feet. Under current regulatory standards, COMAR 26.04.02.04C requires a buffer of 4 feet of unsaturated, unconsolidated material below the bottom of the sewage disposal system. With this said, additional percolation tests will need to be conducted to ensure this required buffer zone has been met.

Please revise your floor plan and complete a percolation test application and submit payment in the amount of \$506 to the Bureau of Environmental Health made payable to the Director of Finance. I've attached a copy of our percolation test and plan requirements to assist you in this process. Building permit approval has been placed on hold until the aforementioned requirements have been met.

Should you have any questions or you would like to schedule a meeting to discuss the project, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program

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**From:** Richardson, Patrick [<mailto:rick@richardsonengineering.net>]  
**Sent:** Monday, December 08, 2014 12:36 PM  
**To:** Oswald, Hank  
**Subject:** 1671 Henryton Road

Hank,  
Regarding permit B14003982, attached is the floor plan and a revised site plan per your comments.  
Please let me know if this is sufficient for your purposes.

*Rick Richardson*  
*Richardson Engineering, LLC*  
30 E. Padonia Road Suite 500  
Timonium, MD 21093  
410-560-1502-x112  
fax: 443-901-1208

**Oswald, Hank**

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**From:** Oswald, Hank  
**Sent:** Thursday, January 15, 2015 9:44 AM  
**To:** 'Richardson, Patrick'  
**Subject:** Perc Test\_1671 Henryton Road

Mr. Richardson:

Since I'm still in training, I have to coordinate the percolation test date around my coworkers schedule so she can be onsite. With that said, the next available percolation test dates are March 9<sup>th</sup> – 12<sup>th</sup>. Please choose a day and confirm. Prior to the scheduled date, please have the proposed sewage disposal area staked with 5 proposed perc test holes. The proposed septic disposal area should have a stake in each corner and one in the middle.

This office will also need a copy of the existing house floor plans (basement, first and second floor) and proposed changes.

Lastly, the site plan shows an unused well. This well must be properly abandoned by a licensed well driller and documentation sent to the Health Department prior to BP approval.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
410.313.1786

*1/21 - Spoke to Mrs. Pallen  
about FP revision  
potential (1) test  
hole to confirm 4' buffer*

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