



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 536710
 AGENCY REVIEW: _____ DATE 1-27-12

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 establish septic reserve on existing well & septic

THE TYPE OF STRUCTURE IS: 2

- 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) Eric / Lisa Baummer

DAYTIME PHONE 0 CELL 443-668-4825 FAX _____

MAILING ADDRESS 17220 Hardy Rd Mount Airy MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT Eric Baummer

DAYTIME PHONE 443-668-4824 CELL _____ FAX _____

MAILING ADDRESS Same as above _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME BAUMMER PROPERTY LOT NO. _____

PROPERTY ADDRESS 17220 HARDY ROAD _____
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 2 PARCEL(S) 11 PROPOSED LOT SIZE _____

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. Lisa Baummer Eric Baummer
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

A/P _____

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Large empty rectangular box for detailed notes or diagrams.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

Empty rectangular box for notes or data.

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

REMARKS _____

SANITARIAN _____ BACKHOE _____ OTHERS _____

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

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



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

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

Date: March 29, 2012

To: Mr. Eric and Lisa Baummer
17220 Hardy Road
Mount Airy, Maryland 21771

RE: **Percolation Testing Report**
17220 Hardy Road, A# 563710, Tax Map 7, Parcel 11

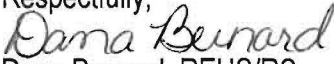
Mr. and Mrs. Baummer:

Percolation testing was conducted on the referenced property on March 20, 2012. The purpose for conducting these percolation tests was to delineate a septic reserve area for an anticipated establishment of a sewage disposal area.

Soil conditions observed were **satisfactory** for onsite wastewater treatment and disposal. A total of five (5) test holes evaluated 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. 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 have your engineer/consultant submit a Percolation Certification Plan to confirm the design of the septic reserve area. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2775.

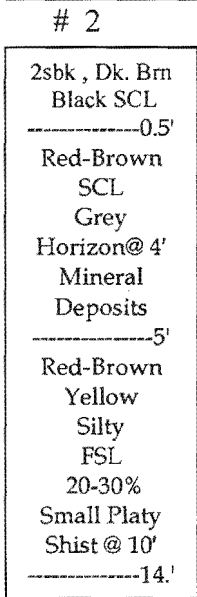
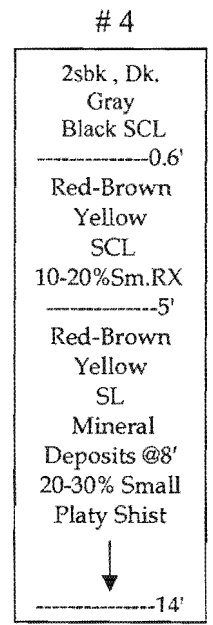
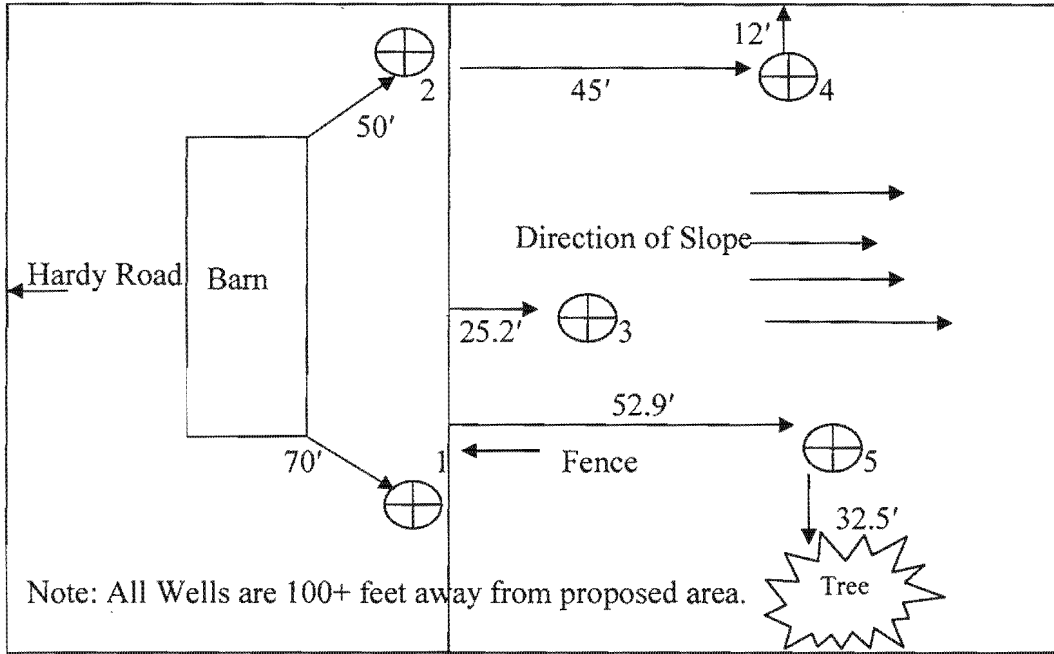
Respectfully,

Dana Bernard, REHS/RS
Environmental Sanitarian
Well and Septic Program

Enclosures (1)

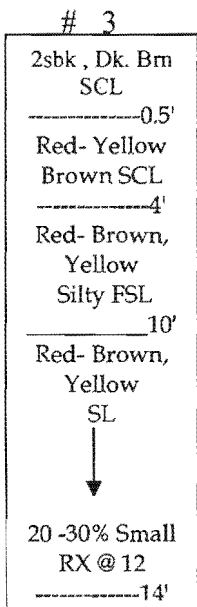
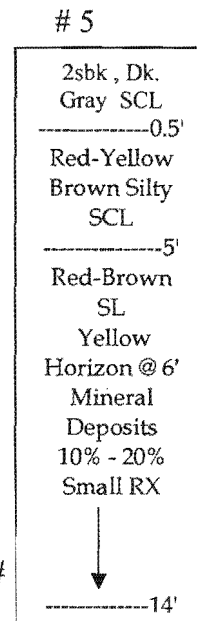
File

Percolation Information- Hardy Road

NOT TO SCALE



| Date | Test | Depth | Start | Break 1" Drop | Break 2" Drop | Time of 2 nd Inch | P/F/H |
|----------|------|--------|--------|---------------|---------------|------------------------------|-------|
| 03-20-12 | 1 | 4 / 14 | 9:35 | 9:39 | 9:44 | 5 min. | Pass |
| 03-20-12 | 2 | 6 / 14 | 10:38 | 10:48 | 11:03 | 15 min. | Pass |
| 03-20-12 | 3 | 5 / 14 | 12:07 | 12:10 | 12:14 | 4 min. | Pass |
| 03-20-12 | 4 | 6 / 14 | 1:59 | 2:11 | 2:25 | 14 min. | Pass |
| 03-20-12 | 5 | 14 | Visual | Pass | Inlet @ 4' | Effective Area @ 5' | Pass |
| | | | | | | | |
| | | | | | | | |



Remarks: Undeveloped Property. Percolation holes must be surveyed on Percolation Certification Plan.

Sanitarian D. Bernard Backhoe Daniel w/ Mast Construction Others

Test Holes Used in 5 in SDA Avg. Perc Time 9.5 min. SQ.FT/BR

Trench Width Inlet Depth Max Bot. Depth Effective S/W

TAX MAP 7
PARCEL II
ZONED: RC-DEO

Peric Cert.
11/25/98
Signed by
H.O.

BARBED WIRE FENCELINE

756.96'

← limit of 4/30/99 SRM
suitable area 30' BRL

because
of landscape
position

PERC
715.1

PERC
707.3

PERC
703.8

10,000 SqFt
SEPTIC EASEMENT

PERC
711.8

PERC
705.0

303.78'

30' BRL

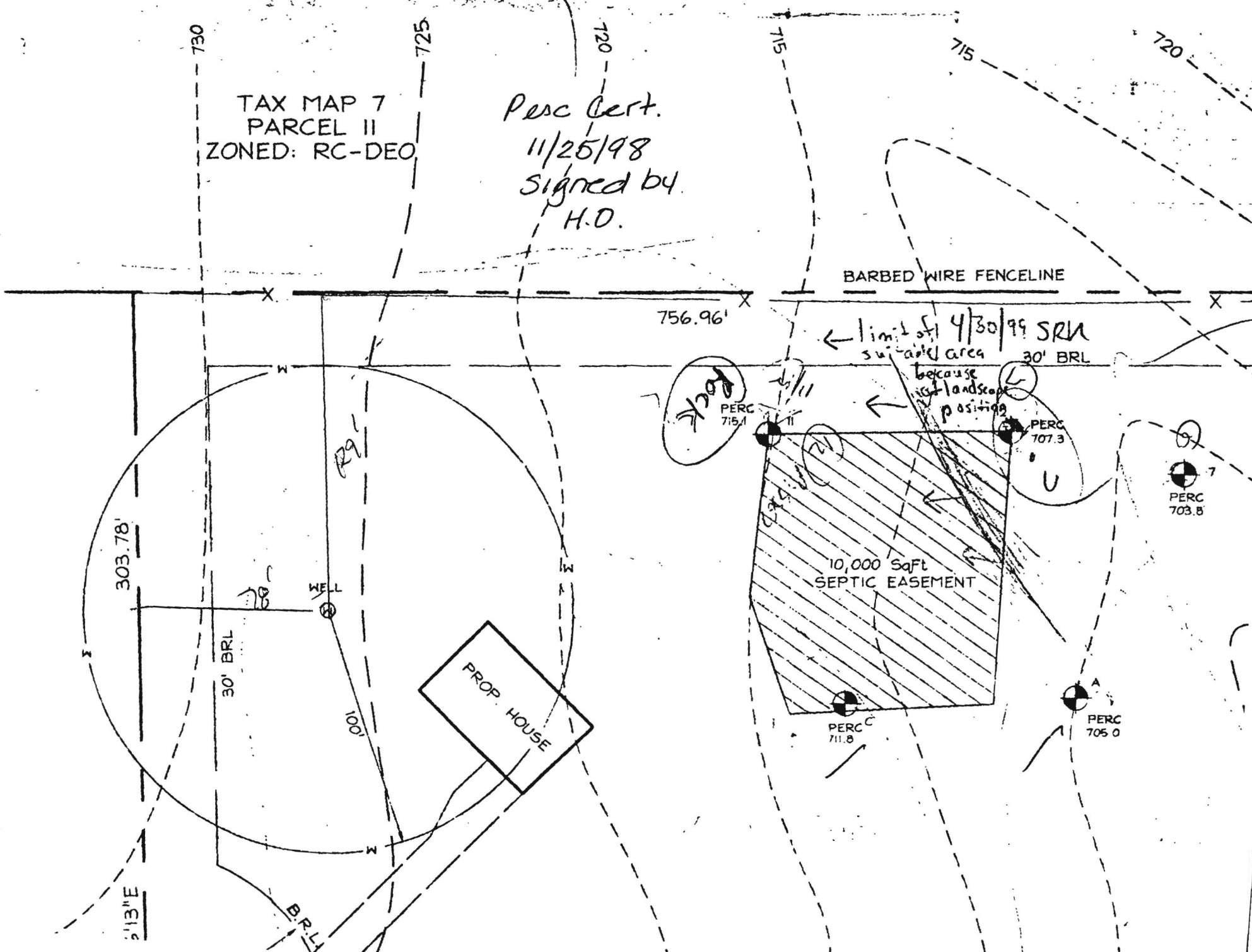
100'

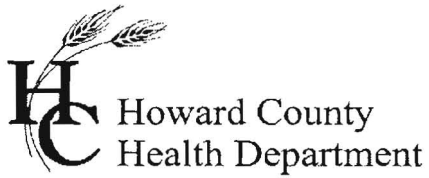
PROP. HOUSE

WELL

13" E

B. BRL





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7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
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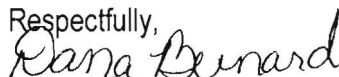
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Respectfully,

Dana Bernard, REHS/RS
Environmental Sanitarian
Well and Septic Program

Enclosures (1)

File

-77°6.40"



39°20'29"



39°20'29"

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

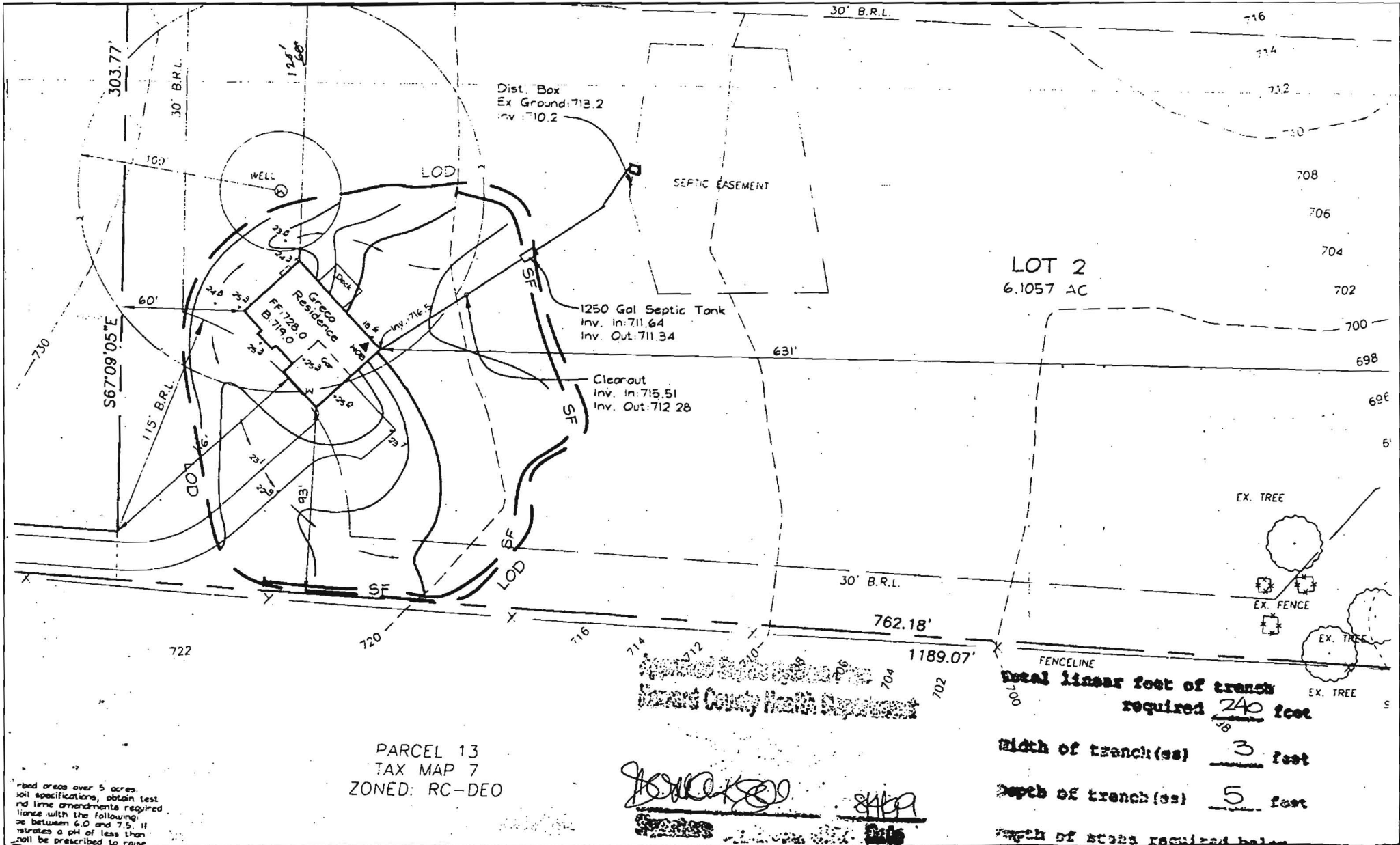
-77°6.40"

Howard County

Show well on plat on cart

 **Howard County**
M A R Y L A N D

By:
Office:
Map Width: 1,820.00 ft.
Print Date: 1/27/2012
Scale: 1 in. = 200 ft.



For areas over 5 acres, soil specifications, obtain test and lime amendments required. License with the following: pH between 6.0 and 7.5. If pH is less than 6.0, it shall be prescribed to raise.

PARCEL 13
 TAX MAP 7
 ZONED: RC-DEO

Handwritten signatures and stamps:
 Howard County Health Department
 [Signature]

Summary Table:

| | |
|--------------------------------------|-----------------|
| Total linear foot of trench required | <u>240</u> feet |
| Width of trench (ss) | <u>3</u> feet |
| Depth of trench (ss) | <u>5</u> feet |
| Length of stone required below | |

-77°6.'39"



39°20'29"



39°20'29"

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-77°6.'39"

Howard County

 **Howard County**
M A R Y L A N D

By:
Office:
Map Width: 1,820.00 ft.
Print Date: 1/31/2012
Scale: 1 in. = 200 ft.

-77°6.40"



39°20'27"

well

39°20'27"

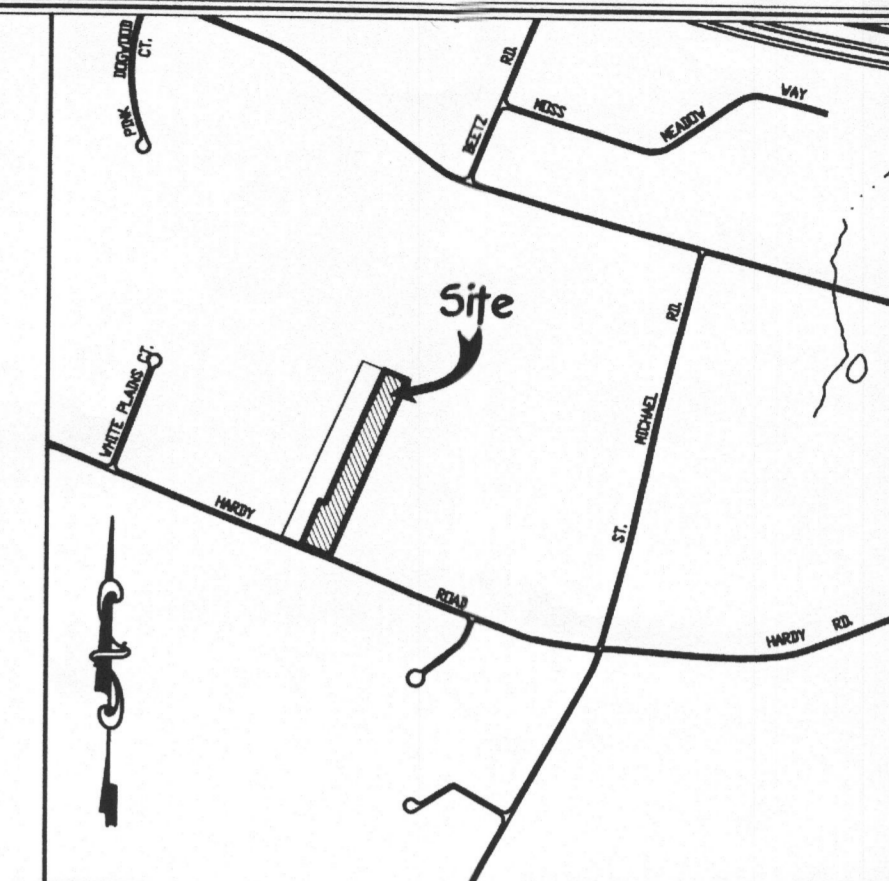
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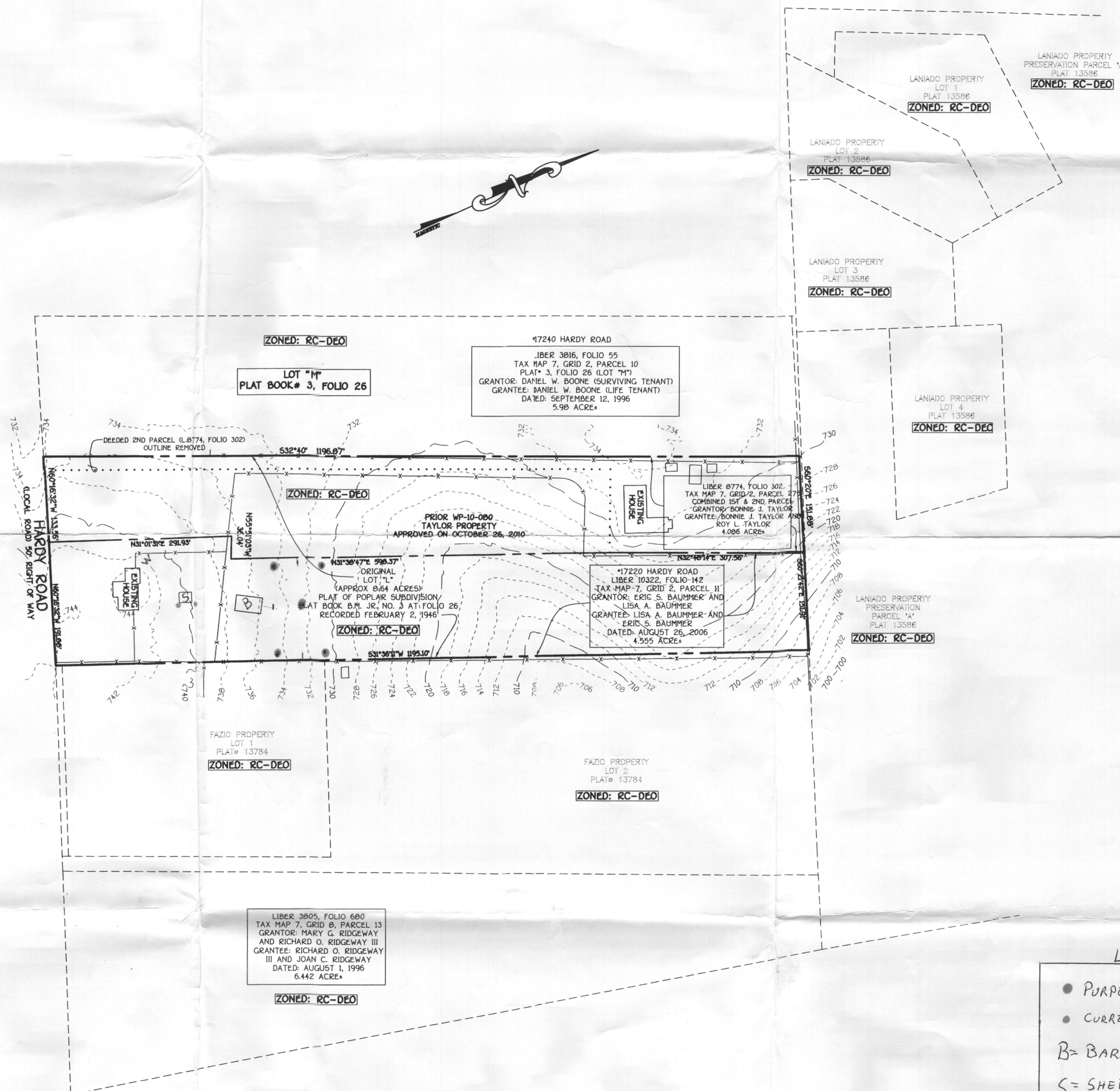



Howard County
M A R Y L A N D

By:
Office:
Map Width: 455.00 ft.
Print Date: 1/31/2012
Scale: 1 in. = 50 ft.



VICINITY MAP
SCALE: 1" = 1200'



LEGEND

- PURPOSE PERK TEST AREA
- CURRENT SEPTIC SYSTEM
- B= BARN
- S= SHED
- W= EXISTING WELL

Owners

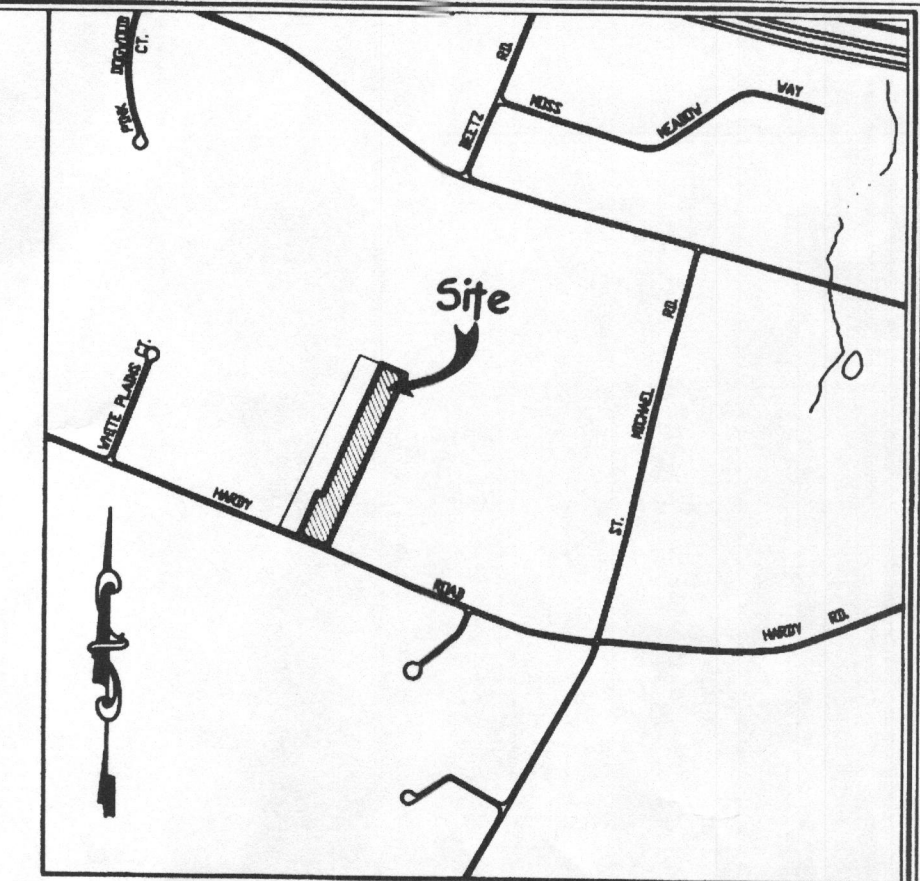
Eric S. and Lisa A. Baummer
17220 Hardy Road
Mount Airy, Maryland 21771
Ph: 410-368-4825
Ph: 443-668-4824

EXHIBIT TO ACCOMPANY
THE
WAIVER PETITION APPLICATION
TO WAIVE
SECTION 16.147 FINAL SUBDIVISION AND
FINAL PLAT
OF THE HOWARD COUNTY SUBDIVISION
AND LAND DEVELOPMENT REGULATIONS

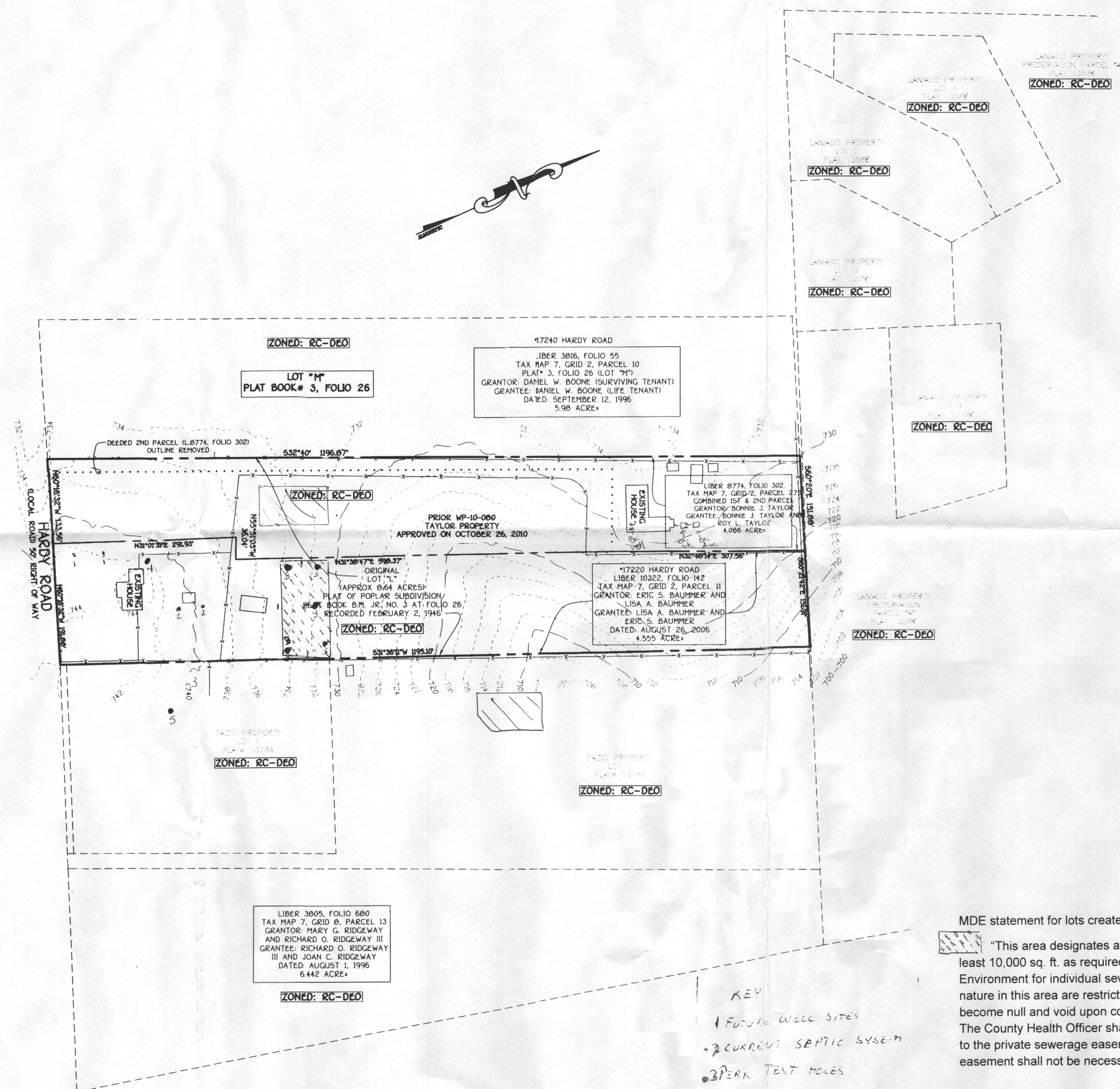
BAUMMER PROPERTY

17220 HARDY ROAD
MOUNT AIRY, MARYLAND 21771

TAX MAP #7 GRID #2 PARCEL #11
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=100' DATE: NOVEMBER 10, 2010



VICINITY MAP
SCALE: 1" = 1200'



Any changes to a private sewage easement shall require a revised percolation certification plan.

The topography of this plat is taken from FCC Waiver Petition plan dated 6/28/2012 and is verified to accurately represent the relative changes on the subject property.

All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.

The purpose of this plan is to establish a 10,000 sq.ft. Sewage Disposal area in support of a waiver petition to subdivide.

The Lot(s) shown hereon complies /comply with the minimum ownership width and lot area as required by the MD. Dept of Environment .

Statement to be signed "I certify that the information shown heron is Based on field work performed by me or under my direct supervision, as is correct, to the best of my knowledge and belief.

Eric S. Baummer Date 6 28 2012

MDE statement for lots created after March 1972:
 "This area designates a private sewage disposal area of at least 10,000 sq. ft. as required by 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 public sewerage system. The County Health Officer shall have authority to grant adjustments to the private sewerage easement Recordation of a revised sewage easement shall not be necessary."

- KEY
- 1 FUTURE WELL SITES
 - 2 CURRENT SEPTIC SYSTEM
 - 3 PERK TEST HOLES
 - 4 C.A.R.E.N. WELL
 - 5 UNK. WELL OF 1719B HARDY RD

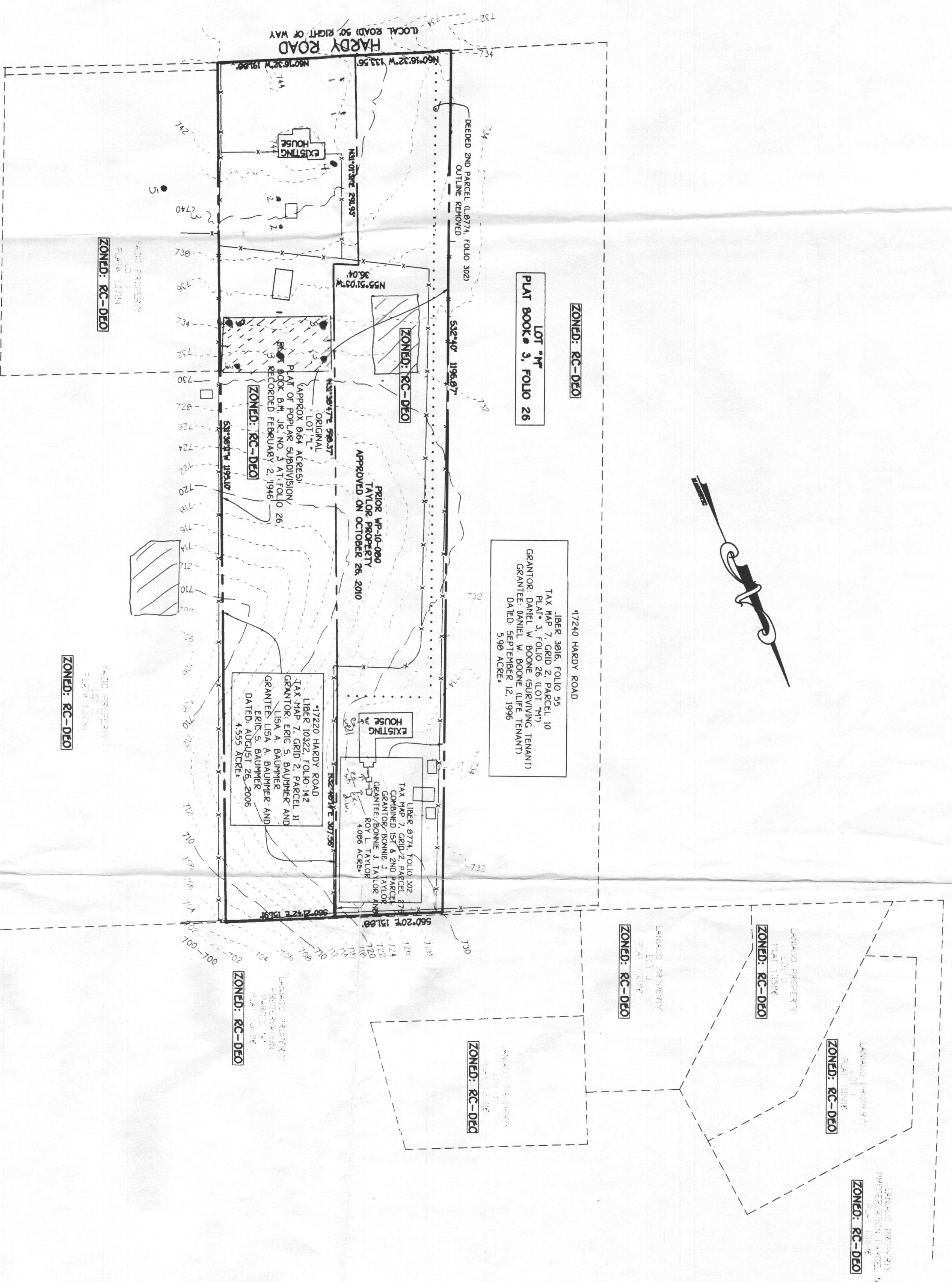
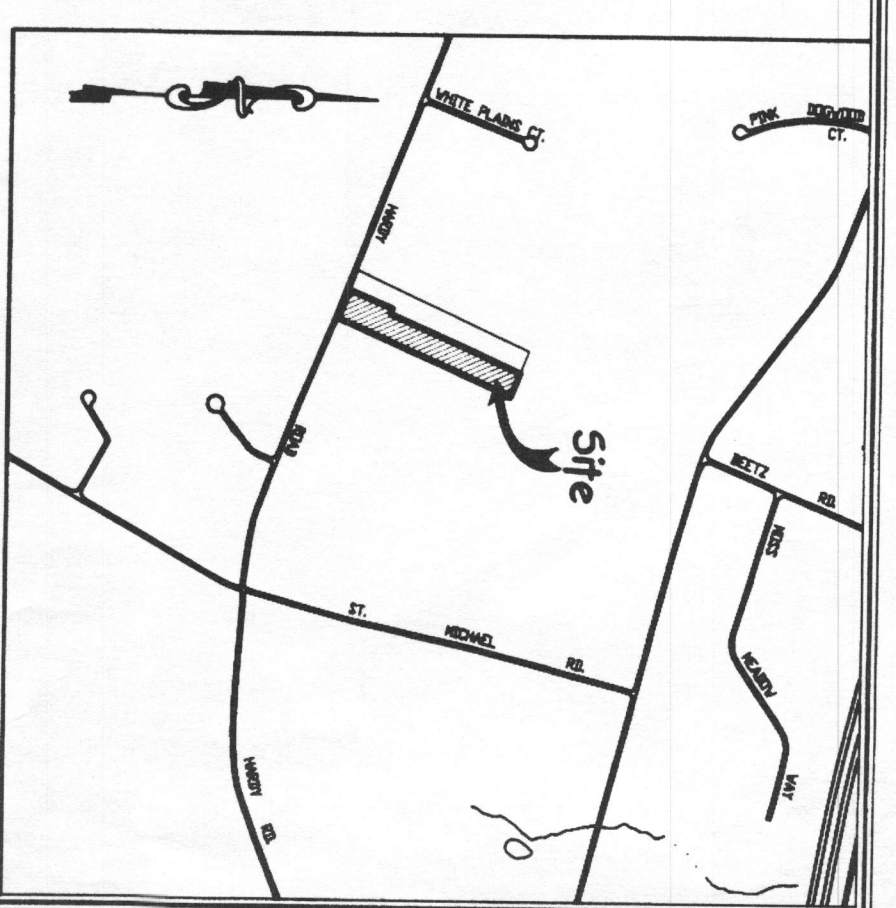
SCALE 1" = 100'

Owners
 Eric S. and Lisa A. Baummer
 17220 Hardy Road
 Mount Airy, Maryland 21771
 Ph: 410-368-4825

"Approved for Private water and Private Sewerage Systems"
 For *Shelli J. ...*
 Health Officer, Howard County Health Dept. 7/11/12
 Date

PERCOLATION CERTIFICATION PLAN

BAUMMER PROPERTY
 17220 HARDY ROAD
 MOUNT AIRY, MARYLAND 21771
 TAX MAP #7 GRID #2 PARCEL #11
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: JUNE 28, 2012



LIBER 3095, FOLIO 689
TAX MAP 7, GRID 8, PARCEL 13
GRANTOR: HARRY C. RUDCRAW
GRANTEE: ERIC S. BAUMMER AND
LISA A. BAUMMER
DATED AUGUST 1, 1996
6.42 ACRES
ZONED: RC-D20

ZONED: RC-D20
LOT #1*
PLAT BOOK # 3, FOLIO 26

47240 HARDY ROAD
TAX MAP 7, GRID 2, PARCEL 10
GRANTOR: DANIEL W. BOONE (SURVIVING TENANT)
GRANTEE: ERIC S. BAUMMER AND LISA A. BAUMMER
DATED 5/29/12
3.99 ACRES

17220 HARDY ROAD
TAX MAP 7, GRID 2, PARCEL 11
GRANTOR: ERIC S. BAUMMER AND
LISA A. BAUMMER
DATED 5/29/12
1.89 ACRES

- KEY
- 1 FUTURE WELL SITE
 - 2 CONCRETE SEPTIC SYSTEM
 - 3 TEST HOLES
 - 4 CIRCULAR WELL

SCALE 1" = 100'

Owners
Eric S. and Lisa A. Baummer
17220 Hardy Road
Mount Airy, Maryland 21771
Ph. 410-369-4825

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Date 6-28-2012

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PERCOLATION CERTIFICATION PLAN

"Approved for Private water and Private Sewerage Systems"
Howard County Health Dept.
Date 6/12/12

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17220 HARDY ROAD
MOUNT AIRY, MARYLAND 21771
TAX MAP 7, GRID 2, PARCEL 11
FIFTH ELECTION DISTRICT
SCALE: 1"=100'
DATE: JUNE 28, 2012