



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 1/25/12 TEST TIME _____

AP 521703

AGENCY REVIEW: _____

DATE 1-25-12

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

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 3BR/4 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) ANNIZ, HAZEL P.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____ STREET _____ CITY/TOWN _____ STATE _____ ZIP _____

APPLICANT VINCENT R. COLEMANNE

DAYTIME PHONE (410) 442-8068 CELL (410) 984-8164 FAX (410) 442-3085

MAILING ADDRESS 815 WINDRIVER DR. SUKESVILLE MD 21784 STREET _____ CITY/TOWN _____ STATE _____ ZIP _____

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

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME 17415 FREDERICK RD LOT NO. 1

PROPERTY ADDRESS MT. AIRY MD 21771-3627 STREET _____ TOWN/POST OFFICE _____

TAX MAP PAGE(S) 0007 GRID 0001 PARCEL(S) 0349 PROPOSED LOT SIZE 3.0 6,091.34

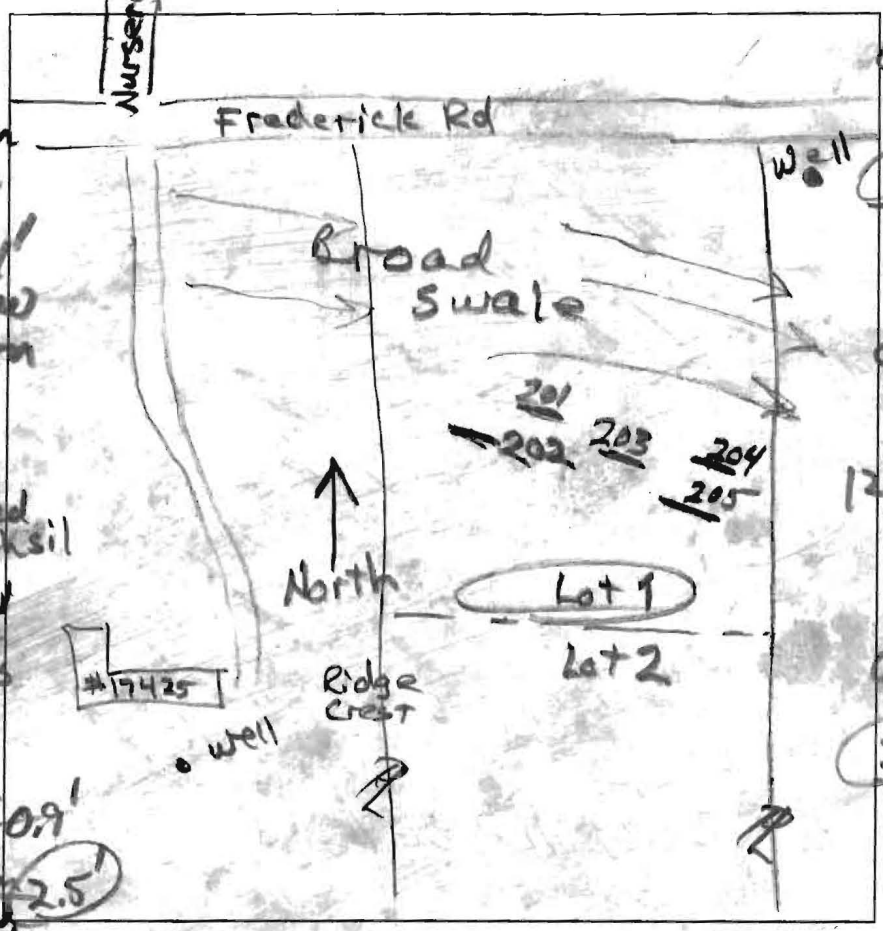
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Vincent R. Colemanne
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



201
 dk brn loam
 brn loam
 brn chl
 red yellow
 & yellow brn
 ch sil
 20%
 8' brn
 vgr sil & red
 ch sil
 35% rock
 brn sil
 water
 many channels

202
 dk brn L
 to grey brn L
 4' brn loam
 pale yellow
 w/ white sil
 4' red ch sil
 & pale yellow
 7.5' red, white
 & grey
 ch sil
 13'

Blank box for notes.

204
 dk brn to brn
 Loam
 1.8' brn c
 3' brn loam
 pale red &
 pale yellow & yellow
 w/ lt. grey
 ch sil
 9.5' red & vel
 ch sil & 10% flags
 12' water

205
 dk brn L
 to brn L
 0.8' vel-brn
 chl
 2.5' red, yellow
 & pale yellow
 ch sil
 7' yellow &
 pale yellow
 ch sil
 10' yellow, vel-red
 pale yellow
 & lt grey sil
 13'-2VCPT

203
 dk brn loam
 0.6' brn loam
 2.5' 1msbk
 yellow, red
 & pale yellow
 ch sil
 6.5' brn, pale red
 & pale yellow
 10% flags
 10' red & yellow
 ch sil
 12.5' 2VCPT

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/8/12	204	12'	Visual	3'	708	Sidewalk 0.8 gal/hr	P
2/8/12	205	9.8' 13'	1:00	1:03	1:08	5	P
2/8/12	202	5.1' 13'	1:24	1:30	1:44	14	P
2/8/12	201	5.5' 10'	1:46	1:50	1:57	7	P
2/8/12	203	5.2' 12.5'	2:01	2:03	2:08	5	P

REMARKS Trench Bottom limited to 8 feet.
 SANITARIAN RB BACKHOE Chuck Zapp OTHERS Cary Cumberland
 TEST HOLES USED IN SDA 201-205 AVG. PERC TIME Var. SQ. FT/BR 187.5
 TRENCH WIDTH 2 INLET DEPTH 2 MAX. BOT DEPTH 8 EFFECTIVE SW Var.



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P 530714
 AGENCY REVIEW: _____ DATE 1/31/2012

DO NOT WRITE ABOVE THIS LINE

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- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) ANNIEZ, HAZEL P.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____ STREET _____ CITY/TOWN _____ STATE _____ ZIP _____

APPLICANT VINCENT R. COLEMANNE

DAYTIME PHONE (410) 442-8068 CELL (410) 984-8164 FAX (410) 442-2085

MAILING ADDRESS 815 WINDRIDER DRIVE SYKESTOWN MD 21784
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME 17415 FREDERICK RD LOT NO. 2

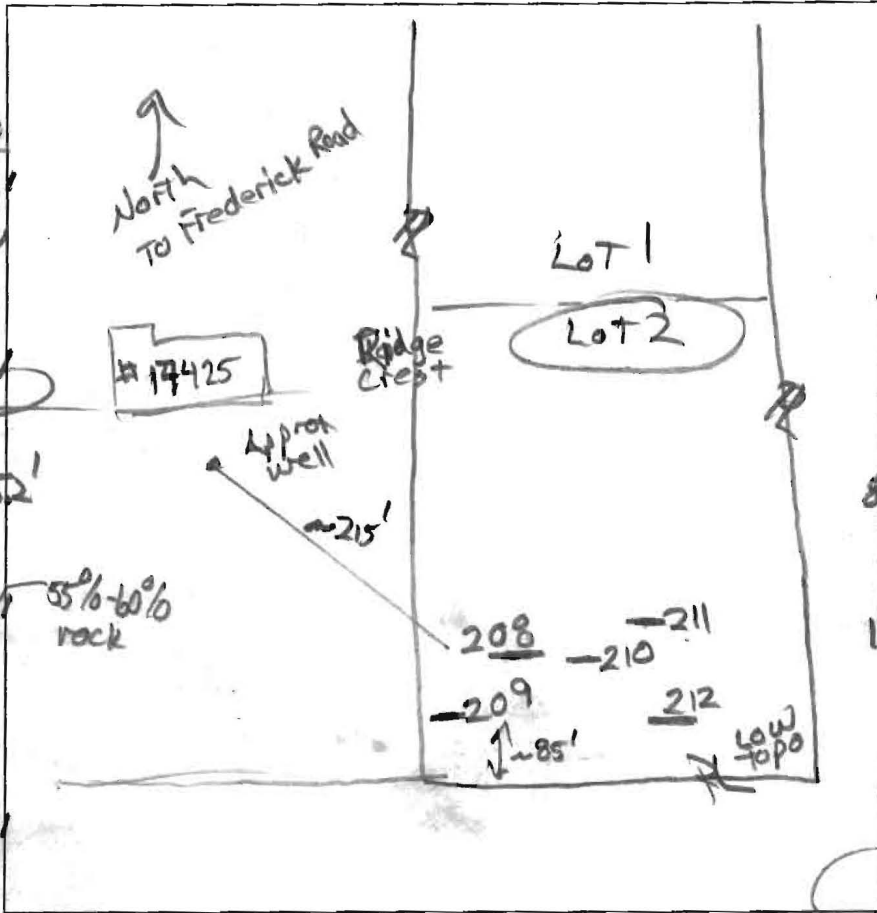
PROPERTY ADDRESS MT. AIRY MD 21771-3627
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 0007 GRID 0001 PARCEL(S) 0349 PROPOSED LOT SIZE 3.0

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TEST RESULTS WILL BE MAILED TO APPLICANT. Vincent R. Colemanne
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



212

0.8' dk brn loam
2' - 2' sbsk

1.4' brn cl
2' sbsk

3.3' brn grc
1' sbsk

red loam
(variegated)

4.1' Fed pale yel.
& white sil

5.2' brn chsil

8' brn fl sil

9' brn vfl sil

11'

209

0.4' dk brn
2' sbsk

1.3' brn cl
2' sbsk

2.4' yel-brn
1' sbsk

3.0' brn yel sil
& brn loam

6' yel sil

8.5' brn-yel-chsil

11' red yel
chsil

12.5' yel-brn fl sil

208

0.2' dk brn
2' sbsk

0.8' brn
2' sbsk

2' brn cl
2' sbsk

3' brn
1' sbsk

6' brn & yel
ch sil

6' red & pale yel
ch sil

8.5' yellow, white
& red sil

211

10' dk brn
& brn loam

25' brn cl
& brn loam

6' yellow & red
sil

9' red, pale brn
& yellow
ch sil
few flags

11' brn & yel-brn
fl sil

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/8/12	212	4' 9"	9:57	10:14	10:44	30'	reshell
2/8/12	209	4.8' / 12.5'	10:09	10:20	10:49	29	P
2/8/12	208	4.3' / 12.5'	10:48	10:56	11:15	19	P
reshell	212	5' 9"	11:30	11:36	11:44	8	P
2/8/12	211	11'	Visual	Sidewall OK 2.5'	0.8 gpd/ft ² to 7'		P
2/8/12	210	5.4' / 12.5'	11:37	11:41	11:45	4	P

black
vgr sil lens
5' to 8'

210

0.3' dk brn loam

brn cl
to brn loam

red, yellow
& pale yellow
sil

8.5' brn fl sil
30%

10' pale red, white
& pale yel
sil

12.3'

12.5'

dk brn & brn
vfl sil

55% to 60%
rock frag

REMARKS Trench bottom limited to 5 feet in East portion

SANITARIAN RB BACKHOE Chuck Zopp OTHERS Cary Cumberland

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

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

February 8, 2012

To: Vincent Coleianne, Applicant
410-442-2085 (fax)

RE: Perc Test Report, PROPOSED LOTS 1 AND 2, PROPERTY OF HAZEL P.
ANNIS, [Tax Map 7, Parcel 349; 17415 Frederick Road], receipt numbers A536703
and A536714

Percolation testing was conducted on the referenced property on February 8, 2012. The purpose for conducting these percolation tests was to delineate septic reserve areas for a proposed two-lot subdivision.


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 each of five test locations on each proposed lot. 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 satisfactory for onsite wastewater treatment and disposal on both proposed lots. On Lot 1, the seasonal water table was observed at 12 feet at both test locations near the lower boundary of the proposed septic reserve area. On Lot 2 the soil profile had rock content greater than 50 percent at 9 feet in the southeast portion of the proposed septic reserve area, thereby limiting the trench bottom in that region to 5 feet depth. The loading rate for Lot 1 is 0.8 gallons per day per square foot of absorption area (gpd/sq.ft.). On Lot 2, the western portion of the septic reserve has a loading rate of 0.6 gpd/sq.ft., and the eastern portion of the septic reserve has a loading rate of 0.8 gpd/sq.ft..

Field data collected are shown on two 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.

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) 313-2691.

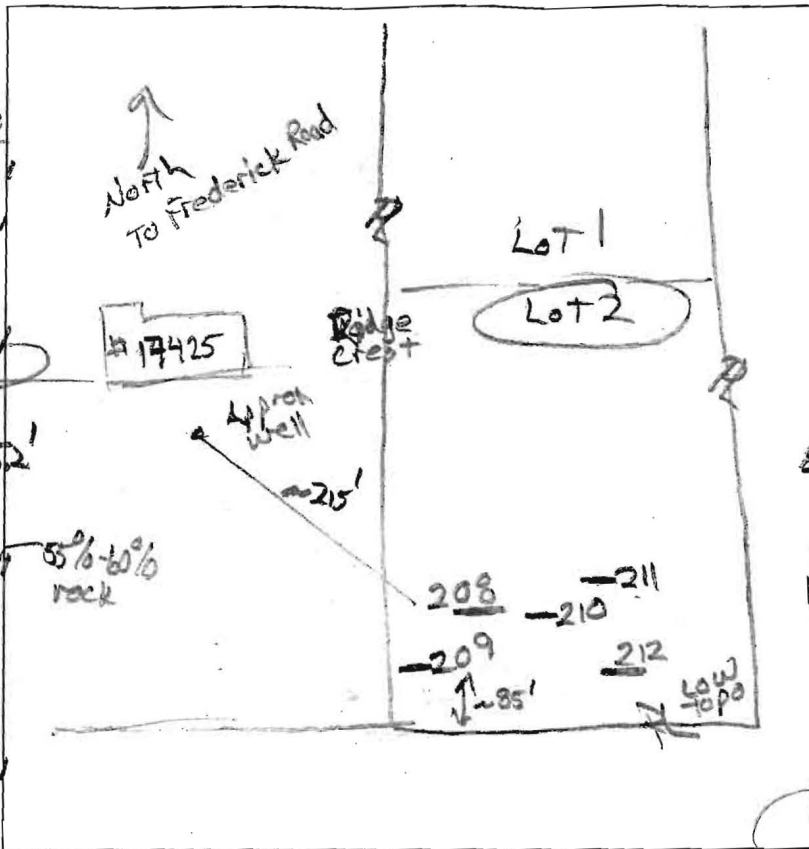
Respectfully,


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

Enclosures (1)

Copy: Scott Shanaberger, Shanaberger & Lane
File

AP



212
 dk brn loam 0.8
 2 1/2 - 2 3/4 blk
 brn cl 2msbk 4.4
 2' brn grc 1msbk 3.3
 brnglt
 red loam (variegated) 4.1
 Fed paleyel. 2 white sil 5.2
 brn chsil 8.1
 brn fl sil 9.1
 brn vfl sil 11

209
 0.4' dk brn L 2 vfl blk
 1.3' brn cl 2 fl sbk
 2.4' yel-brn L 2 fl sbk
 3.0' brn yel sil 2 brn loam
 6' yel sil
 8.5' brn-yel chsil
 11' red yel chsil
 12.5' yel-brn fl sil

208
 dk brn L 2 vfl blk 0.2
 brn L 2 epl 0.8
 brn cl 2msbk 2.1
 brn L 1 fl sbk 3.1
 brn 2 yel brn ch sil 6.1
 red pale yel ch sil 8.1
 yellow white sil 11.5
 # red fl sil 12.5

211
 10' dk brn to brn loam
 25' brn cl to brn loam
 yellow & red sil
 6' red, pale brn & yellow chsil
 9' few flags
 brn & yel-brn fl sil
 11' dk brn & brn vfl sil
 55% to 60% rock flag

210
 dk brn loam 0.3
 brn cl 2msbk to brn loam 1msbk
 red, yellow & pale yellow sil 8.5
 brn fl sil 30% 10.1
 pale red, white & pale yel sil 12.3

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2/8/12	209	4.3'	10:09	10:20	10:49	29	P
2/8/12	208	4.3'	10:48	10:56	11:15	19	P
reshell	212	5.9'	11:30	11:36	11:44	8	P
2/8/12	211	11'	Visual	Sidewell ok 2.5' 0.8 gpd/42 to 1'			P
2/8/12	210	5.4'	11:37	11:41	11:45	4	P

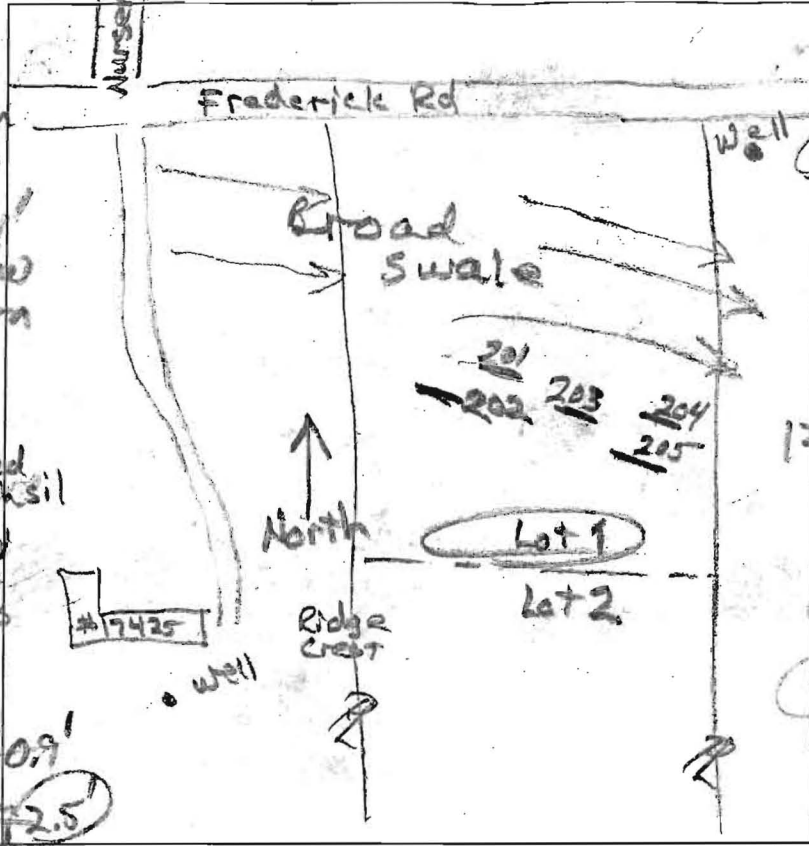
black vgr sil lens 5' to 8'

REMARKS Trench bottom limited to 5 feet in East portion
 SANITARIAN RB BACKHOE Chuck Zopp OTHERS Cary Cumberland
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP

201
 dk brn loam
 brn loam
 brn ch
 red yellow
 & yellow brn
 ch sil
 20%
 8'
 brn vgr sil & red
 35% rock ch sil
 brn ls sil
 water
 many channels

202
 dk brn to grey brn
 brn loam
 4' yellow brn loam
 pale yellow
 w/ white sil
 2.5'
 red ch sil
 4.1'
 pale yellow
 7.5'
 red white
 grey & pale yellow
 ch sil
 13'



204
 dk brn to brn
 loam
 1.8'
 brn c
 3'
 brn loam
 pale red &
 pale yellow & yellow
 w/ lt. grey
 ch sil
 9.5'
 red & vel
 ch sil & 10% clays
 12'
 water

205
 dk brn to brn
 loam
 0.8'
 yellow brn
 ch
 2.5'
 red yellow
 pale yellow
 ch sil
 7'
 yellow &
 pale yellow
 ch sil
 10'
 yellow yellow red
 pale yellow
 & lt grey sil
 13'-
 2' vcp

203
 dk brn loam
 0.6'
 brn loam
 1 mbbk
 2.5'
 yellow red
 pale yellow
 ch sil
 6.5'
 brn, pale red
 & pale yellow
 10% clays
 10'
 red & yellow
 ch sil
 12.5'
 2' vcp

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2/8/12	204	12'	Visual	3:00	3:08	Sidewalk 0.3 gal/hr	2 P
2/8/12	205	9.8/12'	1:00	1:03	1:08	5	P
2/8/12	202	5.1/13'	1:24	1:30	1:44	14	P
2/8/12	201	5.5/11'	1:46	1:50	1:57	7	P
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 SANITARIAN D.R. BACKHOE Chuck Zeff OTHERS Carry Cumberland
 TEST HOLES USED IN SDA 201-205 AVG. PERC TIME Var. SQ. FT/BR 187.5
 TRENCH WIDTH 2 INLET DEPTH 2 MAX. BOT DEPTH 8 EFFECTIVE S/W Var.

*Perc Cert
proposal revised
well box for Lot 1
is incorrect.*

KAY WARD
TAX MAP 2, GRID 19, PARCEL 100
13115/93

HAZEL P. ANNIS
TAX MAP 7, GRID 1, PARCEL 349
12511/95, 2ND PARCEL

FREDERICK ROAD
ROUTE 714A

LOT 25

LOT 1
3.0 AC ±

ESTIMATED LIMIT
OF SEPTIC TRENCHES

APPROX. LOCATION
OF SEPTIC LID

APPROX. LOCATION
OF EX. WELL

732

730

728

726

724

LOT 2
3.0 AC ±

GgB

GgC

100 YEAR FLOODPLAIN AND
DRAINAGE UTILITY EASEMENT
PLAT #8247

698

706

LOT 24

APPROX. LOCATION
OF EX. WELL

708

708

706

APPROX. LOCATION
OF EX. WELL

706

LOT 23

704

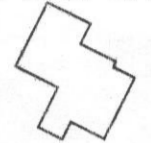



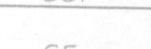
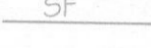

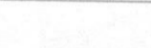
STELLAS CHOICE
PLAT #12105
PRESERVATION PARCEL A

PROPOSED LOTS 1 & 2
PROPERTY OF HAZEL P. ANNIS


TITLE DEED: 11251195, SECOND PARCEL
TAX MAP 7, GRID 1, PARCEL 349
4TH ELECTION DISTRICT, HOWARD COUNTY, MD
SCALE: 1" = 100' DATE: 2/14/2012

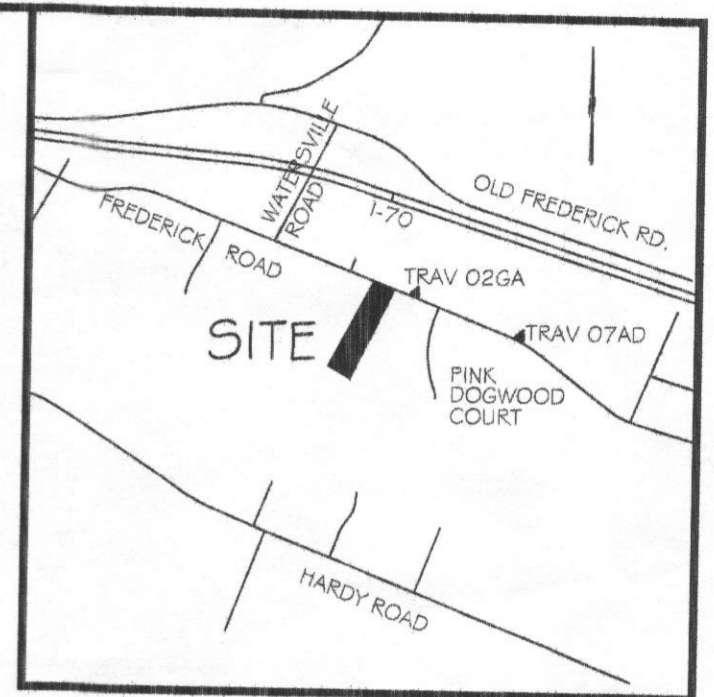
NOTES:

1. EXISTING TOPOGRAPHY SHOWN HEREON IS FROM 3 SOURCES:
 - A. WITHIN THE PROPERTY AND OUTSIDE THE LIMIT OF DISTURBANCE, FIELD-RUN BY SHANABERGER & LANE IN FEBRUARY, 2012.
 - B. WITHIN THE LIMIT OF DISTURBANCE, FROM PROPOSED GRADES SHOWN ON SUPPLEMENTAL PLANS FOR F-13-092.
 - C. OUTSIDE THE PROPERTY, FROM HOWARD COUNTY LIDAR.
2. PROPERTY IS ZONED RC-DEO.
3. PROPERTY IS SERVED BY PRIVATE SEWER AND WATER. PERC CERTIFICATION PLAT WAS SIGNED BY THE HEALTH OFFICER ON MARCH 1, 2012.
4. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM A BOUNDARY SURVEY BY SHANABERGER & LANE IN FEBRUARY, 2012.
5. USE-IN-COMMON DRIVEWAY AND TWIN 48" CULVERTS ARE UNDER CONSTRUCTION PER SUPPLEMENTAL PLANS FOR F-13-092.
6. ALL WORK PROPOSED ON THIS SITE PLAN FOR BUILDING PERMIT IS WITHIN THE LIMITS OF THE GRADING PERMIT G114000323. SEDIMENT CONTROL MEASURES IN AREA OF PROPOSED HOUSE ARE TO REMAIN IN PLACE UNTIL LOT IS STABILIZED AND PERMISSION FOR REMOVAL IS OBTAINED FROM SEDIMENT CONTROL INSPECTOR.
7. STORMWATER MANAGEMENT FOR LOT 1 BY WAY OF A RAIN GARDEN, A MICROBIORETENTION FACILITY, AND ROOFTOP AND NON-ROOFTOP DISCONNECTION CREDITS WAS APPROVED WITH F-13-092. NO CHANGES ARE PROPOSED TO STORMWATER MANAGEMENT FACILITIES OR TECHNIQUES.

8.  PROPOSED HOUSE
-  EXISTING CONTOURS
-  TREES AND BUSHES
-  SUPER SILT FENCE
-  SILT FENCE
-  SILT FENCE DIVERSION
-  LIMIT OF DISTURBANCE PER EXISTING GRADING PERMIT
-  100-YEAR FLOODPLAIN ELEVATION PER F-13-092

NOTES:

9. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
10. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 11.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
12. AREA DISTURBED OUTSIDE LIMITS OF GRADING PERMIT G114000323: 0 SQ. FT. ±
13. AREA OF NEW IMPERVIOUS SURFACE: 3954 SQ. FT. ±
14. WELL AND SEPTIC SYSTEM ARE EXISTING.



VICINITY MAP

SCALE: 1" = 2000'
ADC MAP 4693B4

SEPTIC SYSTEM DATA

INVERT AT HOUSE: 714.4

SEPTIC TANK
EX. GR. 716.4
FIN GR. 716.4
INV. IN 714.0
INV. OUT 713.7

DISTRIBUTION BOX
EX. GR. 715.5
FIN. GR. 715.5
INV. IN 712.5
INV. OUT 712.5

KAY WARD
TAX MAP 2, GRID 19,
PARCEL 100
13115/93
ZONED RC-DEO

PUBLIC 100-YEAR
FLOODPLAIN & DRAINAGE &
UTILITY EASEMENT

PRIVATE 24' USE-IN-COMMON
EASEMENT FOR INGRESS,
EGRESS, AND MAINTENANCE
FOR LOTS 1 AND 2.

PROPOSED RAIN
GARDEN PER F-13-092

PROPOSED
MICROBIORETENTION
FACILITY PER F-13-092

LOT 1
130,680 SQ. FT. ±
3.0000 ACRES ±

100 YEAR FLOODPLAIN AND
DRAINAGE & UTILITY EASEMENT
PLAT #8247

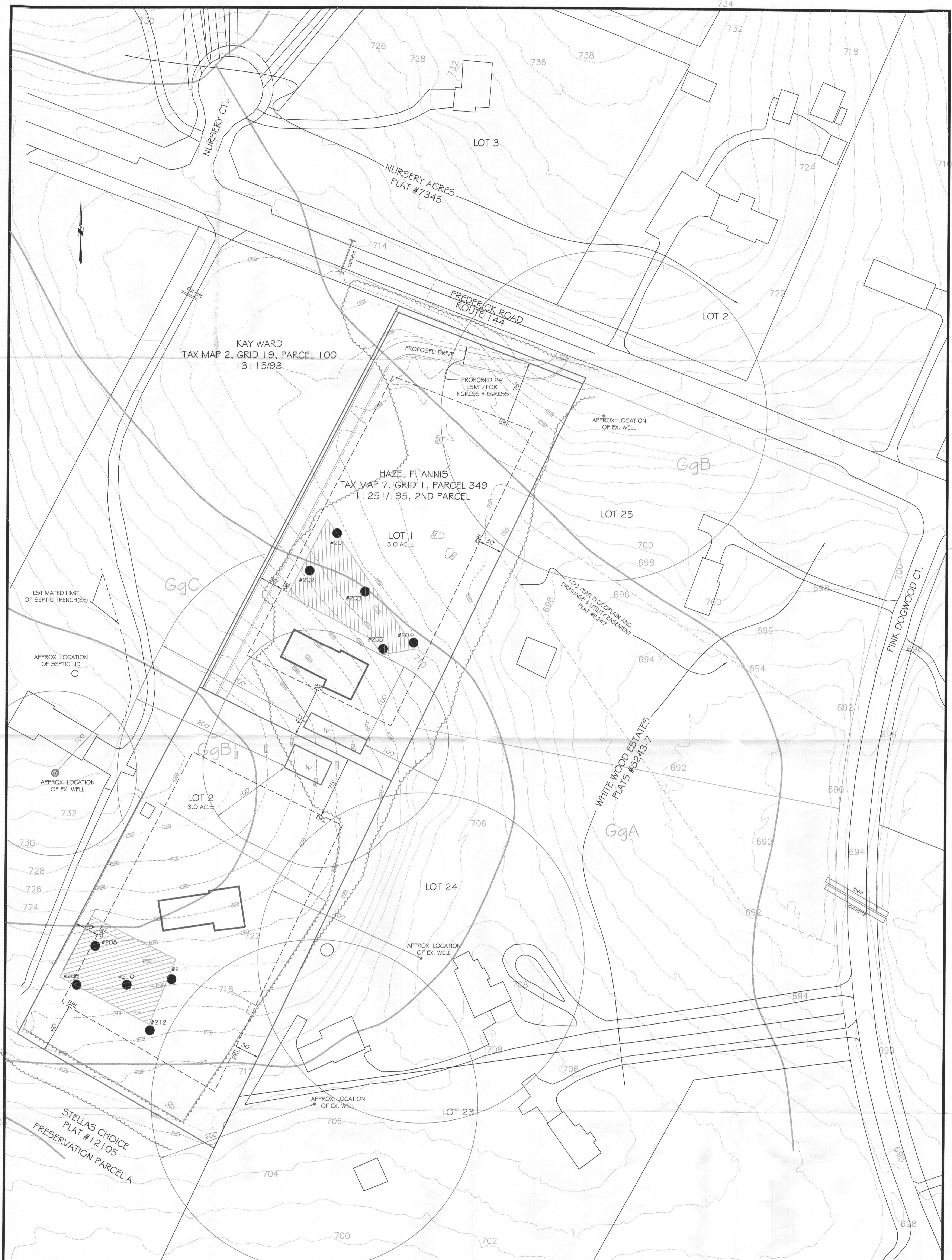
WHITE WOOD ESTATES
PLATS #8243.7
ZONED RC-DEO



SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD 21043
(410) 461-9563
(410) 461-9693 fax
home@shanlane.com

OWNER
VINCENT R. COLEIANNE
815 WINDRIVER DR.
SYKESVILLE, MD 21784
(410)-984-8164

SITE PLAN
COLEIANNE PROPERTY, LOT 1
PLAT #22714
PREVIOUS COUNTY FILES: WP-12-182, ECP-13-027,
F-13-092, GRADING PERMIT G114000323
4TH ELECTION DISTRICT, HOWARD COUNTY, MD
TAX MAP 7, BLOCK 1, PARCEL 349
ZONING: RC-DEO
SCALE: 1"=50' DATE: 1/5/15 REV: 1/13/15



APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

B. Nifan for Peter Beilenson 3/1/2012
 COUNTY HEALTH OFFICER *aw* DATE 17/19

OWNER
 HAZEL ANNIS
 17425 FREDERICK ROAD
 MT. AIRY, MD. 21171

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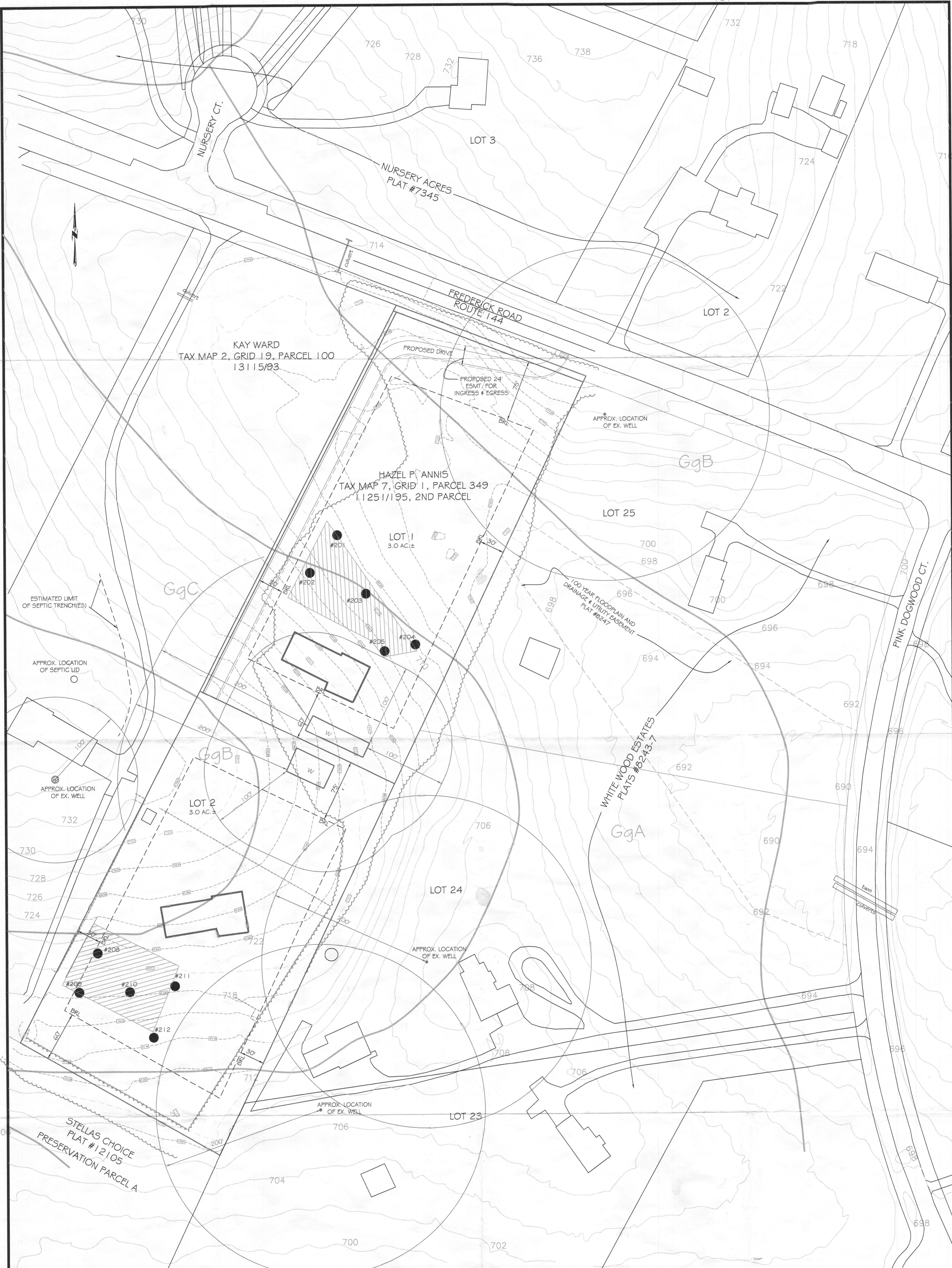
PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

G. Scott Shanabarger
 G. SCOTT SHANABARGER
 PROFESSIONAL LAND SURVEYOR # 10849
 LICENSE EXPIRATION DATE 4/2/2012

- NOTES:
1. TOPOGRAPHY SHOWN WITHIN LOTS 1 & 2 WAS FIELD RUN BY SHANABERGER & LANE IN FEBRUARY, 2012. TOPOGRAPHY SHOWN ON ADJOINING PROPERTIES IS HOWARD COUNTY AERIAL TOPOGRAPHY.
 2. ——— DESIGNATES PROPERTY LINE.
 3. [Hatched Box] DESIGNATES PROPOSED PRIVATE SEWERAGE EASEMENT.
 4. [Dashed Line] DESIGNATES SOIL TYPE BOUNDARY
 5. [Circle with 'S'] DESIGNATES SUCCESSFUL PERC TEST DUG 2/9/12
 6. [Square with 'S'] DESIGNATES PROPOSED HOUSE SITE
 7. [Wavy Line] DESIGNATES WOODS LINE
 7. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 8. SOIL TYPES PRESENT ON PROPOSED LOTS:
 GgA--Glenelg loam, 0 to 3 percent slopes
 GgB--Glenelg loam, 3 to 8 percent slopes
 GgC--Glenelg loam, 8 to 15 percent slopes

- NOTES: (CONT.)
9. ALL VISIBLE EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN. ALL OTHER EXISTING WELLS, SEPTIC SYSTEMS, AND PRIVATE SEWERAGE EASEMENTS SHOWN ARE FROM AVAILABLE PUBLIC RECORDS.
 10. [Hatched Box] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 11. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 12. THE WELLS MUST BE DRILLED AND THE WELL COMPLETION REPORTS RECEIVED BY THE HEALTH DEPARTMENT AND APPROVED PRIOR TO BUILDING PERMIT APPROVALS.
 13. [Dotted Line] DESIGNATES FIELD-RUN TOPOGRAPHY
 700-- DESIGNATES COUNTY AERIAL TOPOGRAPHY.

PERC CERTIFICATION PLAN
 PROPOSED LOTS 1 & 2
 PROPERTY OF HAZEL P. ANNIS
 TITLE DEED: 11251195, SECOND PARCEL
 TAX MAP 7, GRID 1, PARCEL 349
 4TH ELECTION DISTRICT, HOWARD COUNTY, MD.
 SCALE: 1" = 50' DATE: 2/14/2012
 REVISED: 2/23/2012



KAY WARD
TAX MAP 2, GRID 19, PARCEL 100
13115/93

HAZEL P. ANNIS
TAX MAP 7, GRID 1, PARCEL 349
11251/195, 2ND PARCEL

ESTIMATED LIMIT
OF SEPTIC TRENCH(ES)

APPROX. LOCATION
OF SEPTIC LID

APPROX. LOCATION
OF EX. WELL

APPROX. LOCATION
OF EX. WELL

APPROX. LOCATION
OF EX. WELL

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS

William for Peter Beilewicz
COUNTY HEALTH OFFICER DATE 2/23/12

OWNER
HAZEL ANNIS
17425 FREDERICK ROAD
MT. AIRY, MD. 21171

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PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN
HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT
SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL
KNOWLEDGE AND BELIEF.
Scott Shanabarger
G. SCOTT SHANABARGER
PROFESSIONAL LAND SURVEYOR #10849
LICENSE EXPIRATION DATE 4/2/2012



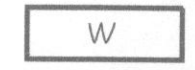
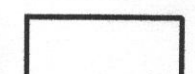
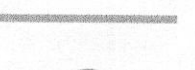



NOTES:
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2. ——— DESIGNATES PROPERTY LINE.
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4. [Dashed Line] DESIGNATES SOIL TYPE BOUNDARY
5. ● DESIGNATES SUCCESSFUL PERC TEST DUG 2/9/12
6. [Square] DESIGNATES PROPOSED HOUSE SITE
7. [Wavy Line] DESIGNATES WOODS LINE
8. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
9. SOIL TYPES PRESENT ON PROPOSED LOTS:
GgA—Glenelg loam, 0 to 3 percent slopes
GgB—Glenelg loam, 3 to 8 percent slopes
GgC—Glenelg loam, 8 to 15 percent slopes

NOTES: (CONT.)
9. ALL VISIBLE EXISTING WELLS AND SEWERAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SEDA HAVE BEEN SHOWN. ALL OTHER EXISTING WELLS, SEPTIC SYSTEMS, AND PRIVATE SEWERAGE EASEMENTS SHOWN ARE FROM AVAILABLE PUBLIC RECORDS.
10. [Hatched Area] THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
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PERC CERTIFICATION PLAN
PROPOSED LOTS 1 & 2
PROPERTY OF HAZEL P. ANNIS
TITLE DEED: 11251/195, SECOND PARCEL
TAX MAP 7, GRID 1, PARCEL 349
4TH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE: 2/14/2012
REVISED: 2/23/2012

NOTES:

1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
2.  THIS AREA DESIGNATES A PROPOSED SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL.
3. #2  DESIGNATES SUGGESTED PERC TEST LOCATION
 DESIGNATES PROPOSED WELL AREA
 DESIGNATES EXISTING BUILDING LOCATION
 DESIGNATES SOIL TYPE BOUNDARY
 DESIGNATES WOODS/LINE/TREES
4. SOIL TYPES:
GgA--Glenelig loam, 0 to 3 percent slopes
GgB--Glenelig loam, 3 to 8 percent slopes
GgC--Glenelig loam, 8 to 15 percent slopes
5. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM TITLE DEED.

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PERC CERTIFICATION PLAN
PROPOSED LOTS 1 & 2
PROPERTY OF HAZEL P. ANNIS
TITLE DEED: 11251/195, SECOND PARCEL
TAX MAP 7, GRID 1, PARCEL 349
4TH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE: 1/23/2012
REV. 1/31/12, 2/2/2012