

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A# 520093

AGENCY REVIEW: _____ DATE 3/2/2004

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 UNKNOWN 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) WILLIAM S. AND CINDY A. DEVERELIX

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 1850 FLORENCE RD MOUNT AIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME KOGAN TRUST PROPERTY LOT NO. 5

PROPERTY ADDRESS 1850 SW FLORENCE RD MOUNT AIRY
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 6 GRID 23 PARCEL(S) 247 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.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP

26

heavy orangebrown SiCl

5

heavy orange brown cw SiCl w/ 15-20% weak sap

13

27

Brown L orange brown gravelly SiCl

1

3

orange brown cw SiCl

5

orange brown SiCl w/ 10-15% weak sap

12 1/2

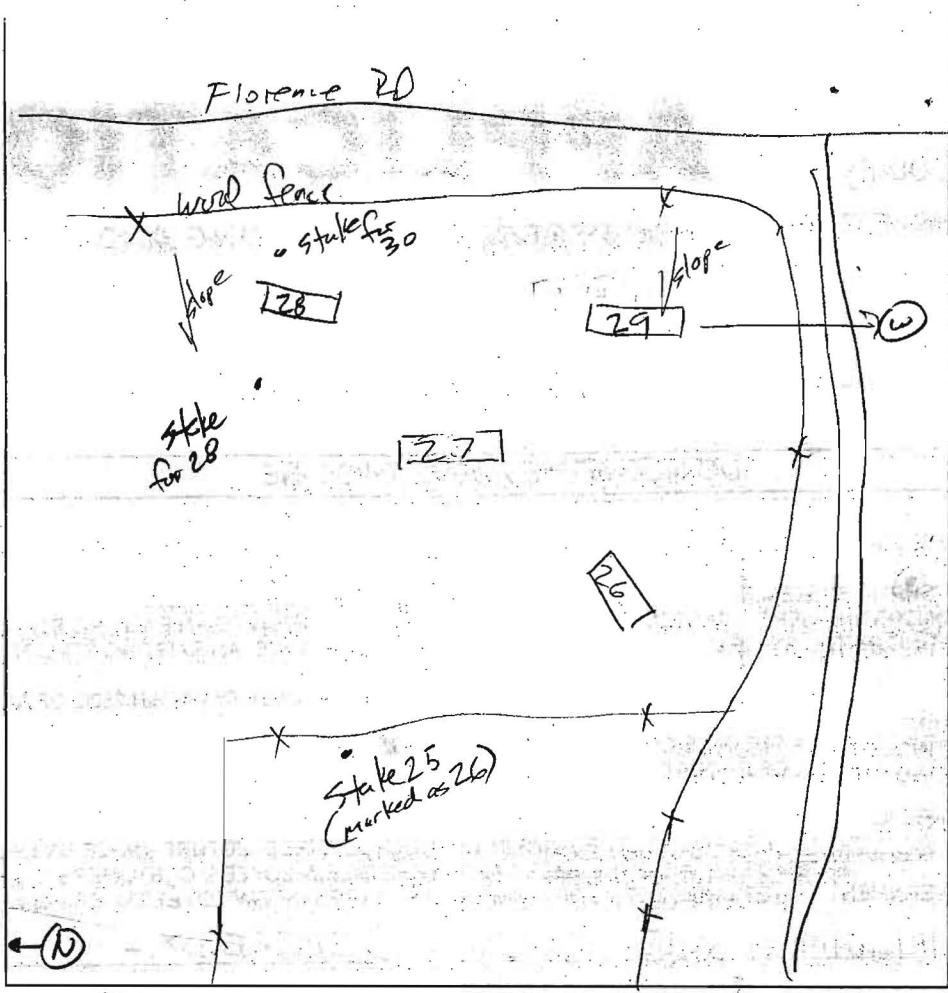
28

orange brown heavy SiCl

5

orange brown SiCl w/ 30-40% chunky frags

11 1/2



Heavy orangebrown SiCl w/ 15-20% gravelly frags

7

orange brown SiCl w/ 20-30% chunky frags

13 1/2

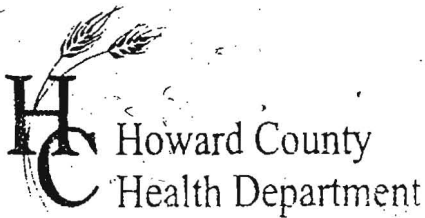
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/7/04	26	7' / 13'	8:55	9:27	32 min Psoak	730	F
5/7/04	27	7' / 12 1/2'	9:12	9:19	9:30	11	P
5/7/04	28	7 1/2' / 11 1/2'	9:22	9:24	9:26	Fast repair	H
5/7/04	28 repair	7 1/2' / 11 1/2'	9:28	9:32	9:35	3	P
5/7/04	29	7' / 13 1/2'	9:39	pulled @ 10:00	no material	730	F

REMARKS moved loc. 29 to be between stakes 29 + 31 dug on lot 4

SANITARIAN J. Bord BACKHOE Wesmer OTHERS

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

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW



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- 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
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PROPERTY OWNER(S) WILLIAM S. AND CINDY A. DEVEREUX

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 1850 FLORENCE RD MOUNT AIRY MD 21771
STREET CITY/TOWN STATE ZIP

APPLICANT _____

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STREET CITY/TOWN STATE ZIP

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

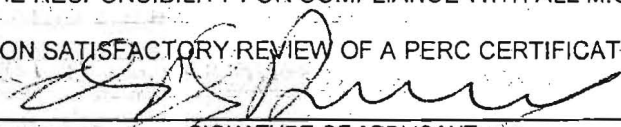
PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME KOGAN TRUST PROPERTY LOT NO. 4

PROPERTY ADDRESS 1850 SW FLORENCE RD MOUNT AIRY
STREET TOWN/POST OFFICE

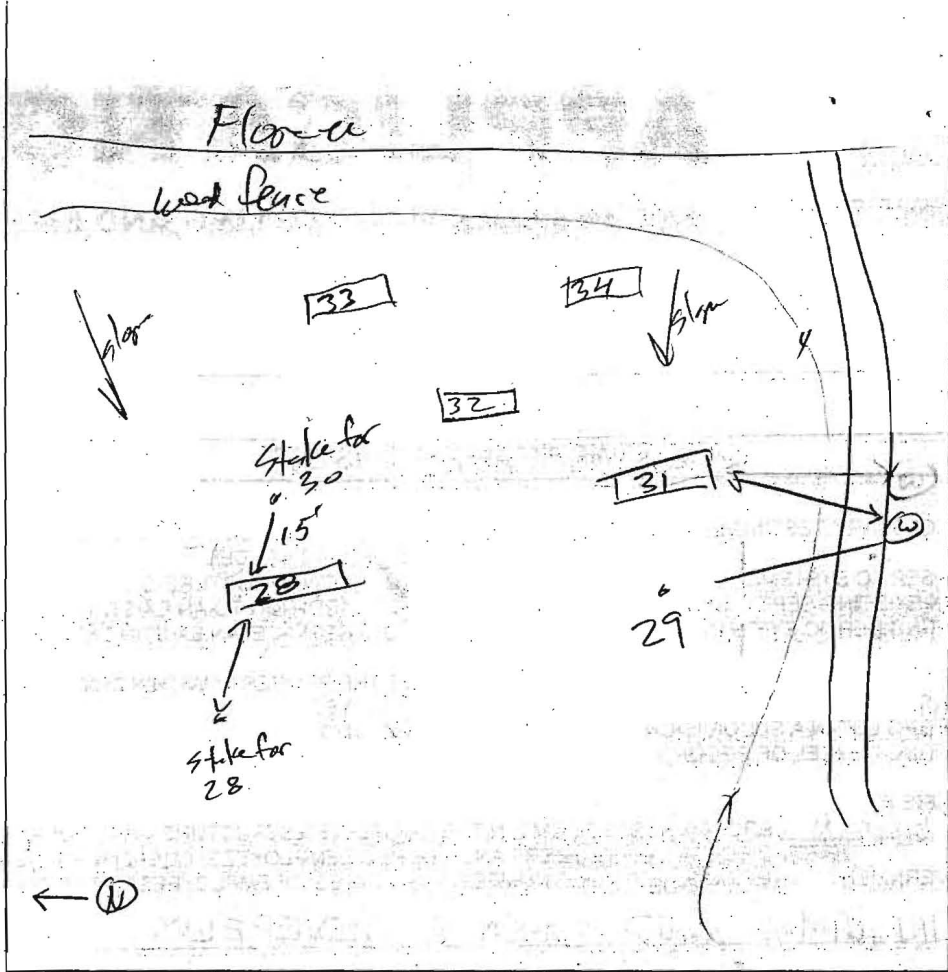
TAX MAP PAGE(S) 6 GRID 23 PARCEL(S) 247 PROPOSED LOT SIZE _____

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TEST RESULTS WILL BE MAILED TO APPLICANT.


SIGNATURE OF APPLICANT

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3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



33
red orange mud
SCL

5
red orange
SCL
w/ 25-30%
saprolite
channer

34
orange-brown
SCL w/
15-20%
channery
fross

5 1/2
orange brown
SCL w/ 35-45%
channery fross

8 1/2
orange brown
SCL w/ 15-20%
channery
fross

32
orange
brown
SCL

5 1/2
orange
brown
SCL
w/ 25-35%
firm sag

31
Brown L

1
orange
brown
heavy
SCL
w/ <10%
channery fross

8
orange
brown
SCL
w/ 15-20%
channery fross

11
hard bottom

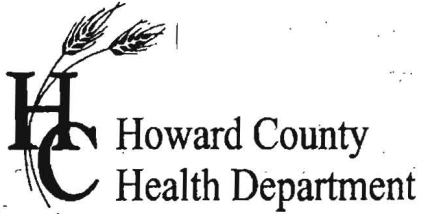
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
5/7/04	30	becure	28 not clear in loc.			see notes on lot 5	
5/7/04	33	7 1/2	10:05	10:06	10:08	2	P
	33	5 gallon bottom	9:12	10:30			P
	34	6 1/2	10:24	10:27	10:29	2	P
	32	14	similar to 30, 33, 34			2-7	P
	31	7 1/2	10:49	stopped @ 11:15	1/2' maxent	>30	F

REMARKS split distance between 28 + 30. No test 31 (combined holes) bottom only system

SANITARIAN J. Boris BACKHOE URS OTHERS _____

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

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



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PROPERTY OWNER(S) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS _____
STREET TOWN/POST OFFICE

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

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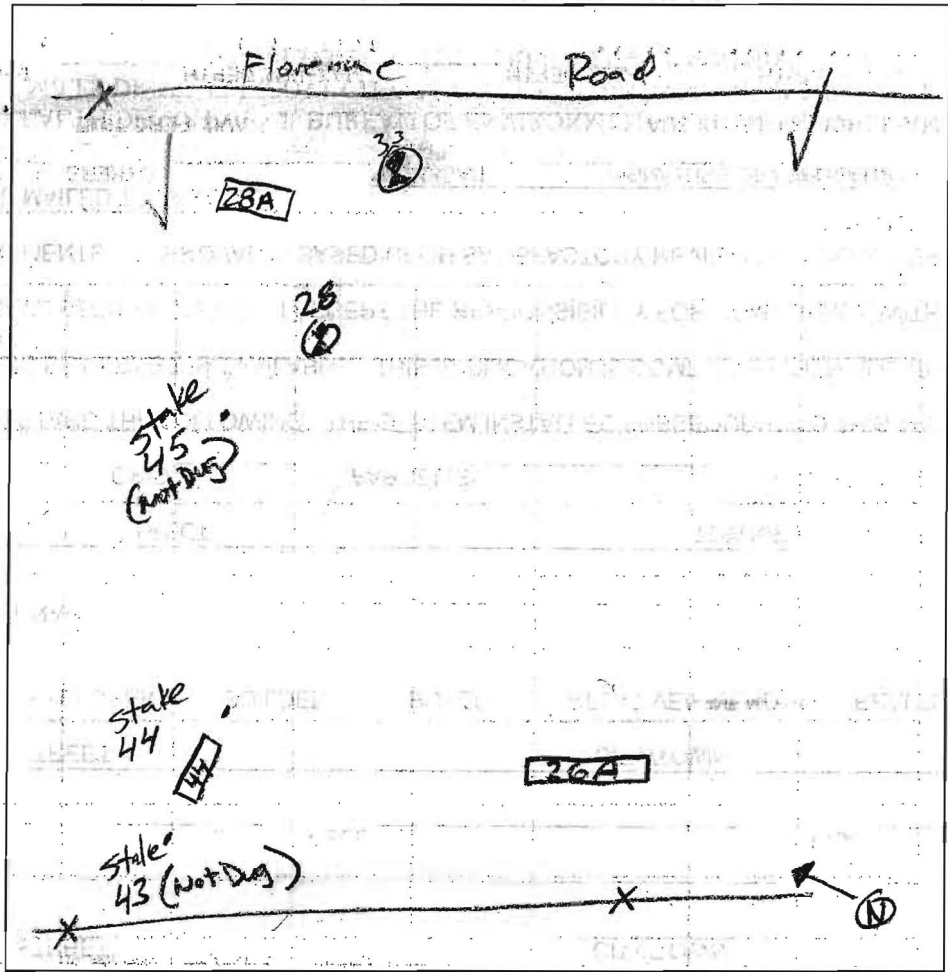
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TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

APV
114
Orange brown SCL
2 1/2
Orange brown SCL
3 1/2
Orange brown heavy SCL
5 1/2
Orange brown L w/ 10-15% Channery frags
14

26A
Yellow brown SCL
Orange brown SCL
Orange brown L w/ 15-20% Channery frags
12

29A
Brown SCL
3
Orange brown compacted SCL
6
Orange brown L w/ 20-25% Channery frags
13



20A
Orange brown SCL
4 1/2
Orange brown heavy SCL
6
Orange brown L w/ 25-30% fine siltstone
13

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
11/19/04	44	6 1/2 / 14	11:18	stopped @ 11:50		7:30	F
11/19/04	44	5 / 14	no rock in 10 min			7:30	F
11/19/04	26A	6 / 12	11:44	stopped @ 12:20		7:30	F
11/19/04	29A	6 1/2 / 13	12:24	12:29	12:40	(11)	
11/19/04	28A	6 1/2 / 13	1:05	1:09	1:16	7	P

REMARKS 29A due to rock to 9' hole; 28A not shown on plan

SANITARIAN J. Boris BACKHOE Wesmar OTHERS _____

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

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

1836 Florence Rd 21771

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

The Thomas Dorsey Building
9250 Bendix Road
Columbia, MD 21045
410-313-5850

Nancy

=====
LR - Agreement Recording Fee
1x 20.00 20.00

Grantor/Grantee Name: hoco health
Reference/Control #: 64

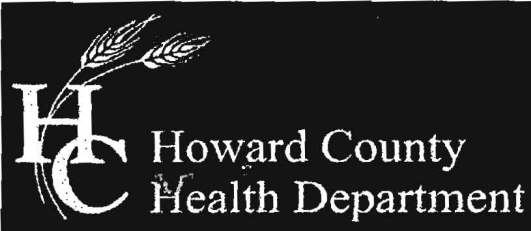
LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00
Total: 60.00

=====
REV-Check-BOA 60.00
Number : 1137

04/29/2016 10:33 CC13-LS
#6042089 /1247/109

~ Thank you for visiting us today ~



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

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

**OPERATION AND MAINTENANCE AGREEMENT
FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

THIS AGREEMENT is made this 29th day of April 2016, among _____, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 1836 Florence Rd, Mt Airy, MD 21771, in the _____ Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 6, Block # _____, Parcel # _____, Deed Reference # 1101380 and Tax Account # 1404595461 ("the Property").

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013. The pre-treatment device being installed is

BATT. NORWALD INT. 500

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.

B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.

C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.

D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Bert Nye 4/29/2016
Howard County Health Department

Karen O Emmerich 4/27/16
Owner #1 Signature Date

Karen O Emmerich
Owner #1 Print Name

Karen O Emmerich 4/27/16
Buyer #1 Signature Date

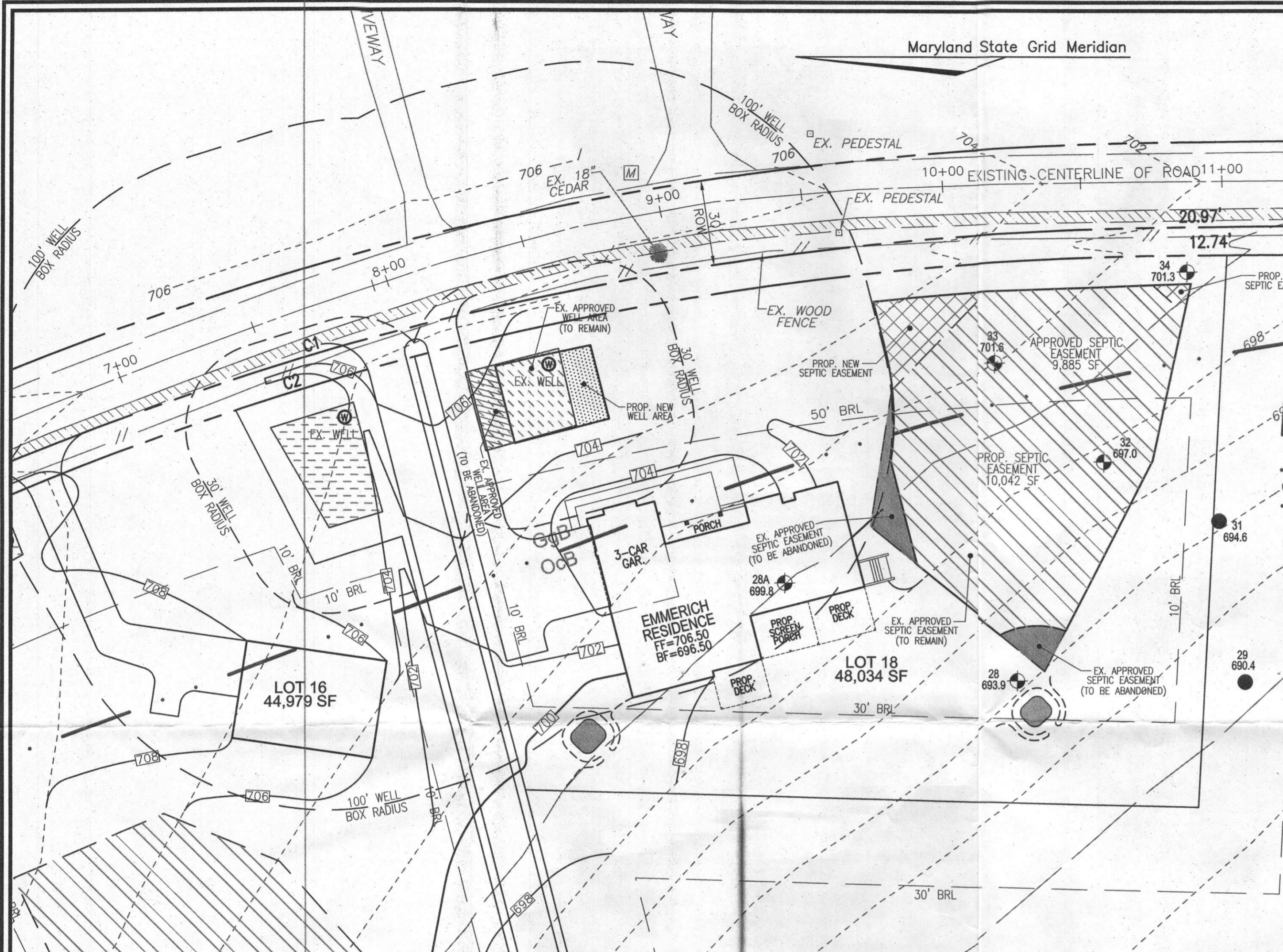
Karen O Emmerich
Buyer #1 Print Name

Peter Emmerich 4-27-16
Owner #2 Signature Date

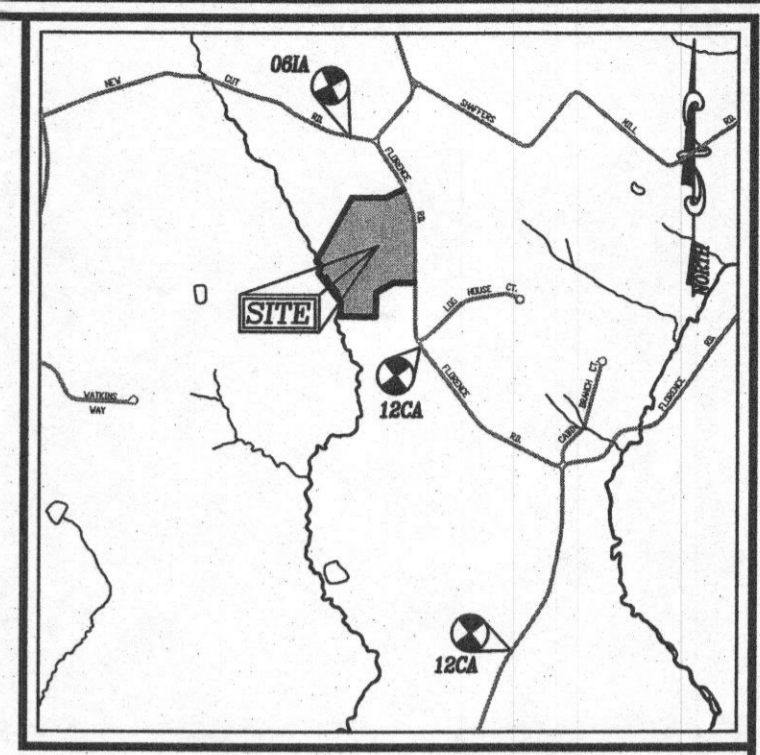
PETER EMMERICH
Owner #2 Print Name

Peter Emmerich 4-27-16
Buyer #2 Signature Date

Peter Emmerich
Buyer #2 Print Name



- LEGEND**
- EXISTING 2' CONTOUR 382
 - EXISTING 10' CONTOUR 380
 - RIGHT-OF-WAY
 - BOUNDARY
 - ADJACENT BOUNDARY
 - PASSED PERC. TEST
 - FAILED PERC. TEST
 - EXISTING WELL FIELD LOCATED
 - EXISTING APPROVED WELL BOX AREA (TO REMAIN)
 - EXISTING APPROVED WELL BOX AREA (TO BE ABANDONED)
 - PROPOSED NEW WELL BOX AREA
 - EXISTING APPROVED SEPTIC EASEMENT (TO REMAIN)
 - EXISTING APPROVED SEPTIC EASEMENT (TO BE ABANDONED)
 - PROPOSED NEW SEPTIC EASEMENT



VICINITY MAP
SCALE: 1"=2000'
ADC MAP: 7, E8

SOIL LEGEND

SYMBOL	NAME/DESCRIPTION	GROUP
Ba	BAILE SILT LOAM	D
Co	CODORUS SILT LOAM	C
G1A	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B
G1B2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
G1C2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
GnA	GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	C
MnD	MANOR VERY STONY LOAM, 3 TO 25 PERCENT SLOPES	B
M1B2	MT. AIRY CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	A
M1C2	MT. AIRY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	A
M1C3	MT. AIRY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	A
M1D2	MT. AIRY CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	A

NOTE: SOILS PER F-08-103

OWNER
PETER T. EMMERICH
KAREN O. EMMERICH
11284 COUNTRY CLUB ROAD
NEW MARKET, MD 21174
(301) 524-4306

GENERAL NOTES:

1. THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 2005.
2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED DECEMBER 2005.
3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT 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 EASEMENT ARE RESTRICTED. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

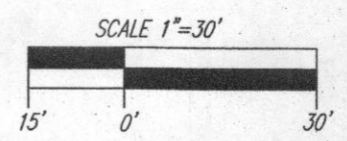
NOTE:
THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE WELL BOX AND SEPTIC EASEMENT ON LOT 18.

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.

THOMAS M. HOFFMAN, JR.
LAND SURVEYOR No. 267
DATE: 10.7.15

Maura Korsman
COUNTY HEALTH OFFICER
DATE: 10/22/2015



REVISED PERCOLATION CERTIFICATION PLAN

KOGAN TRUST - LOT 18

1836 FLORENCE ROAD
MT. AIRY, MD 21771

TAX MAP: 06
BLOCK: 23
4TH ELECTION DISTRICT

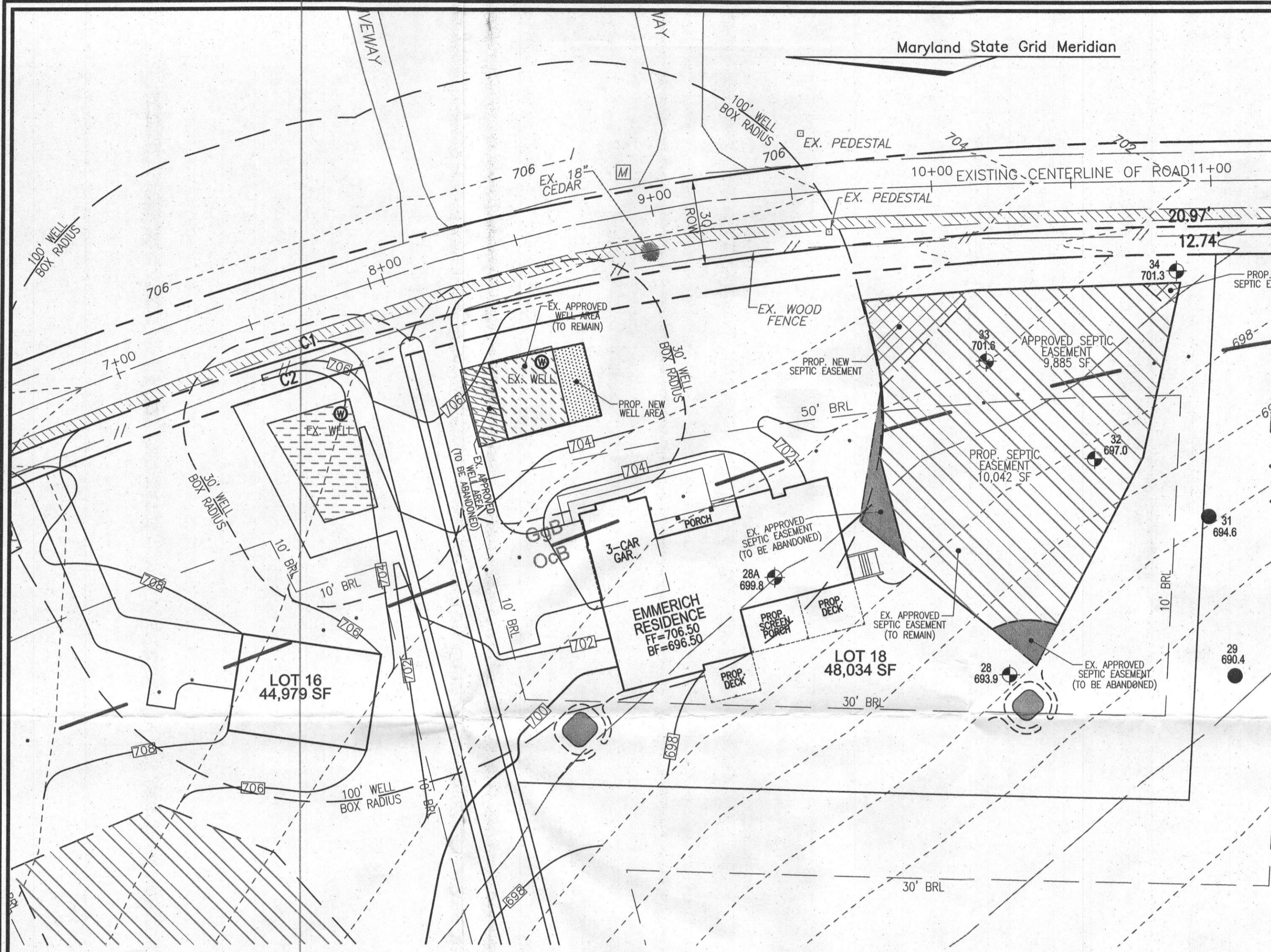
PARCEL: 247
ZONED: RC-DEO
HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
ENGINEERS • SURVEYORS • PLANNERS
8407 MAIN STREET
ELLICOTT CITY, MD 21043
TEL: 410.461.7666
FAX: 410.461.8961



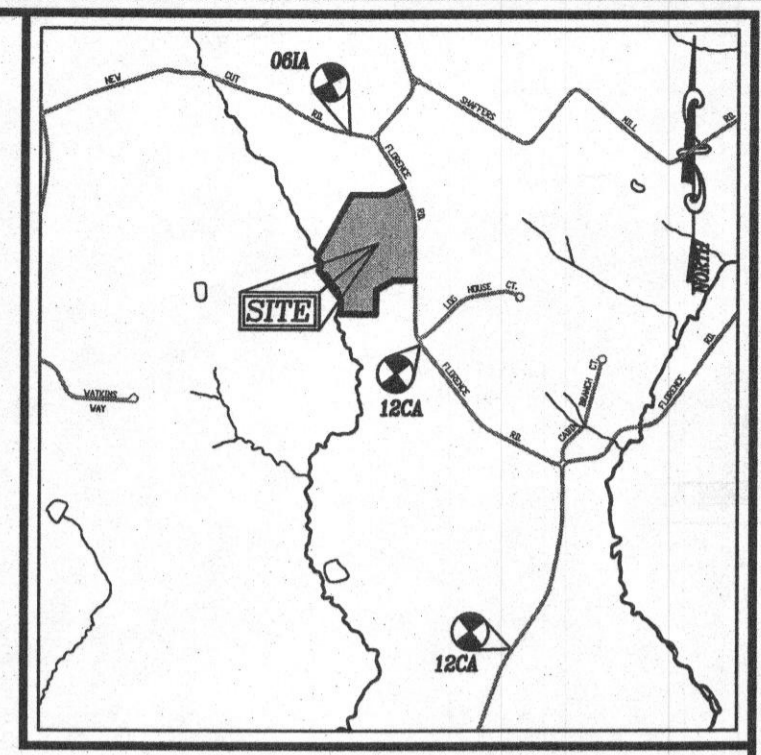
DESIGN BY: RHV
DRAWN BY: JMR
CHECKED BY: RHV
DATE: OCTOBER, 2015
SCALE: 1"=30'
W.O. NO.: 04-28

K:\Projects\04-28\ENGR\dwg\BAT PLAN\PERC CERT REV PLAN LOT 18.dwg, 10/22/2015, 1:58:41 PM



LEGEND

EXISTING 2' CONTOUR: --- 382 ---
 EXISTING 10' CONTOUR: --- 380 ---
 RIGHT-OF-WAY: ---
 BOUNDARY: ---
 ADJACENT BOUNDARY: ---
 PASSED PERC. TEST: [Symbol]
 FAILED PERC. TEST: [Symbol]
 EXISTING WELL FIELD LOCATED: [Symbol]
 EXISTING APPROVED WELL BOX AREA (TO REMAIN): [Symbol]
 EXISTING APPROVED WELL BOX AREA (TO BE ABANDONED): [Symbol]
 PROPOSED NEW WELL BOX AREA: [Symbol]
 EXISTING APPROVED SEPTIC EASEMENT (TO REMAIN): [Symbol]
 EXISTING APPROVED SEPTIC EASEMENT (TO BE ABANDONED): [Symbol]
 PROPOSED NEW SEPTIC EASEMENT: [Symbol]



VICINITY MAP
 SCALE: 1"=2000'
 ADC MAP: 7, E8

SOIL LEGEND

SYMBOL	NAME/DESCRIPTION	GROUP
Ba	BAILE SILT LOAM	D
Co	CODORUS SILT LOAM	C
GIA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B
GIB2	GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	B
GIC2	GLENELG LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	B
GnA	GLENVILLE SILT LOAM, 0 TO 3 PERCENT SLOPES	C
MnD	MANOR VERY STONY LOAM, 3 TO 25 PERCENT SLOPES	B
MIB2	MT. AIRY CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	A
MIC2	MT. AIRY CHANNERY LOAM, 3 TO 15 PERCENT SLOPES, MODERATELY ERODED	A
MIC3	MT. AIRY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	A
MID2	MT. AIRY CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	A

NOTE: SOILS PER F-08-103

OWNER
 PETER T. EMMERICH
 KAREN O. EMMERICH
 11284 COUNTRY CLUB ROAD
 NEW MARKET, MD 21174
 (301) 524-4306

- GENERAL NOTES:**
1. THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 2005.
 2. THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED DECEMBER 2005.
 3. ALL EXISTING WELLS SHOWN HEREON HAVE BEEN FIELD LOCATED.
 4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
 6. ANY CHANGE TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

NOTE:
 THE PURPOSE OF THIS REVISED PERCOLATION CERTIFICATION PLAN IS TO REVISE THE WELL BOX AND SEPTIC EASEMENT ON LOT 18.

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS EASEMENT ARE RESTRICTED. THIS EASEMENT 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 SEWERAGE EASEMENT. RECORDATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

PERCOLATION CERTIFICATION:
 I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

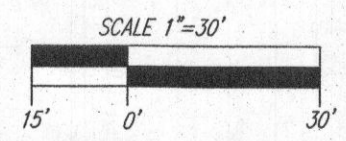
Thomas M. Hoffman, Jr.
 THOMAS M. HOFFMAN, JR.
 LAND SURVEYOR No. 267

10.7.15
 DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM.

Maureen Rossmen
 COUNTY HEALTH OFFICER

10/22/2015
 DATE



REVISED PERCOLATION CERTIFICATION PLAN

KOGAN TRUST - LOT 18

1836 FLORENCE ROAD
 MT. AIRY, MD 21771

TAX MAP: 06
 BLOCK: 23
 4TH ELECTION DISTRICT

PARCEL: 247
 ZONED: RC-DEO
 HOWARD COUNTY, MARYLAND

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLICOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

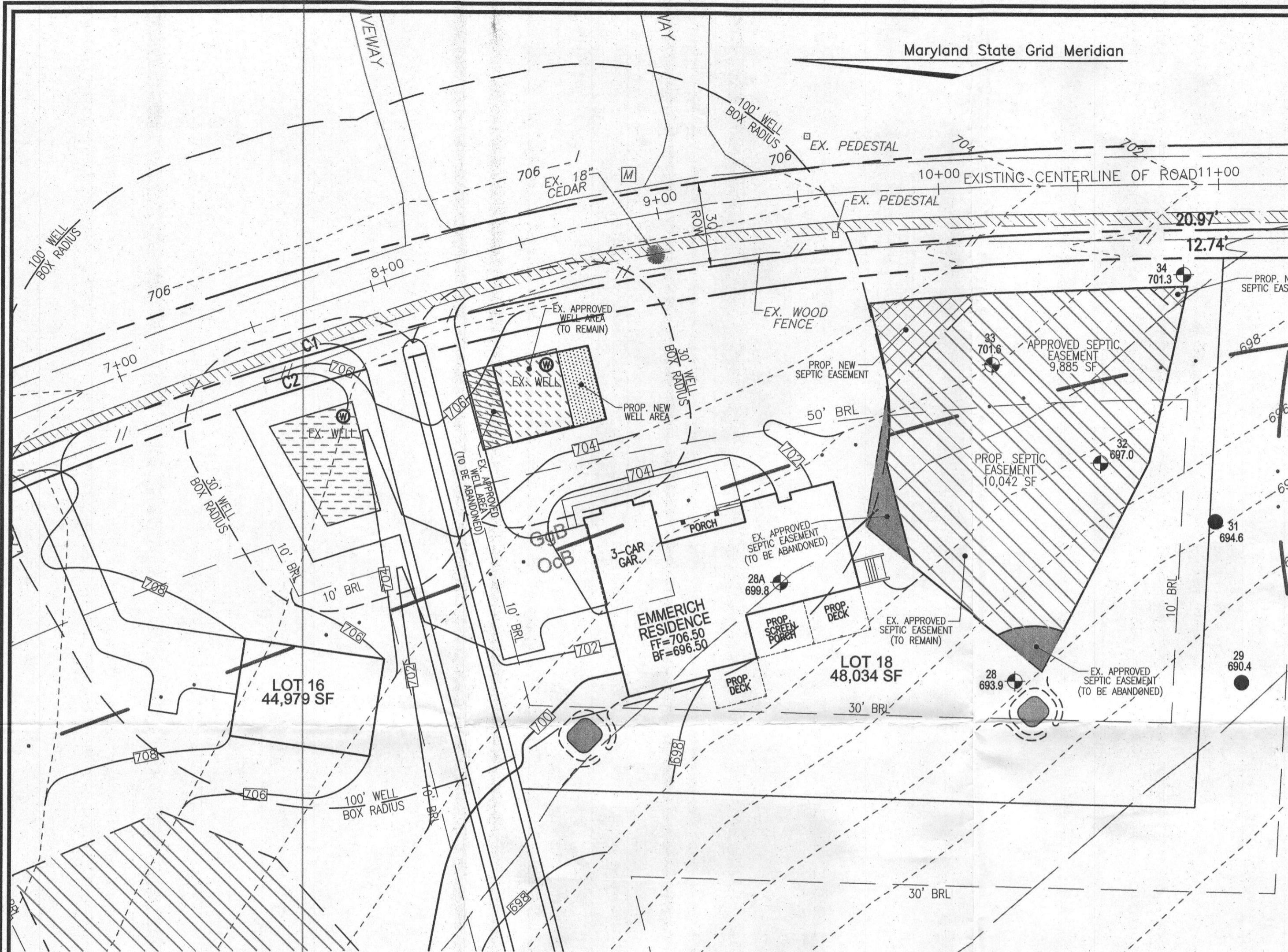
DESIGN BY: RHV
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: OCTOBER, 2015
 SCALE: 1"=30'
 W.O. NO.: 04-28

STATE OF MARYLAND
 ROBERT HARRIS VOGEL
 No. 18193
 PROFESSIONAL ENGINEER

ROBERT H. VOGEL, PE No.16193

1 SHEET OF 1

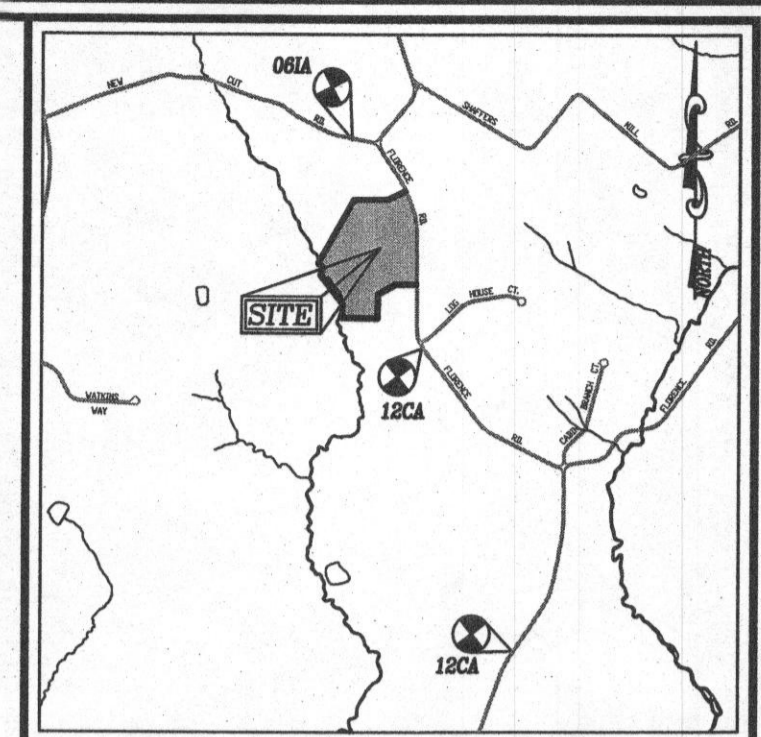
K:\Projects\04-28\ENG\DWG\BAT PLANNING\REV PLAN LOT 18.dwg, 10/17/2015 1:53:41 PM



Maryland State Grid Meridian

LEGEND

- EXISTING 2' CONTOUR 382
- EXISTING 10' CONTOUR 380
- RIGHT-OF-WAY
- BOUNDARY
- ADJACENT BOUNDARY
- PASSED PERC. TEST
- FAILED PERC. TEST
- EXISTING WELL FIELD LOCATED
- EXISTING APPROVED WELL BOX AREA (TO REMAIN)
- EXISTING APPROVED WELL BOX AREA (TO BE ABANDONED)
- PROPOSED NEW WELL BOX AREA
- EXISTING APPROVED SEPTIC EASEMENT (TO REMAIN)
- EXISTING APPROVED SEPTIC EASEMENT (TO BE ABANDONED)
- PROPOSED NEW SEPTIC EASEMENT



VICINITY MAP

SCALE: 1"=2000'
ADC MAP: 7, E8

SOIL LEGEND

SYMBOL	NAME/DESCRIPTION	GROUP
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M1C3	MT. AIRY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED	A
M1D2	MT. AIRY CHANNERY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	A

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LAND SURVEYOR No. 267
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APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEM.
Robert H. Vogel
COUNTY HEALTH OFFICER
DATE: 10/22/2015

REVISED PERCOLATION CERTIFICATION PLAN

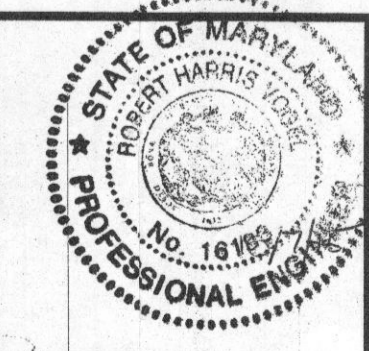
KOGAN TRUST - LOT 18

1836 FLORENCE ROAD
MT. AIRY, MD 21771

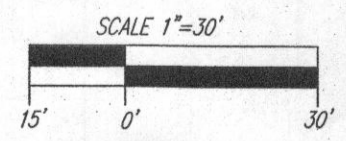
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