

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

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

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) \_\_\_\_\_

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 Kosgn Trust LOT NO. \_\_\_\_\_

PROPERTY ADDRESS Florence Rd Mt. Airy  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ 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 57

orange brown SIL  
w/ <10% gravelly frags

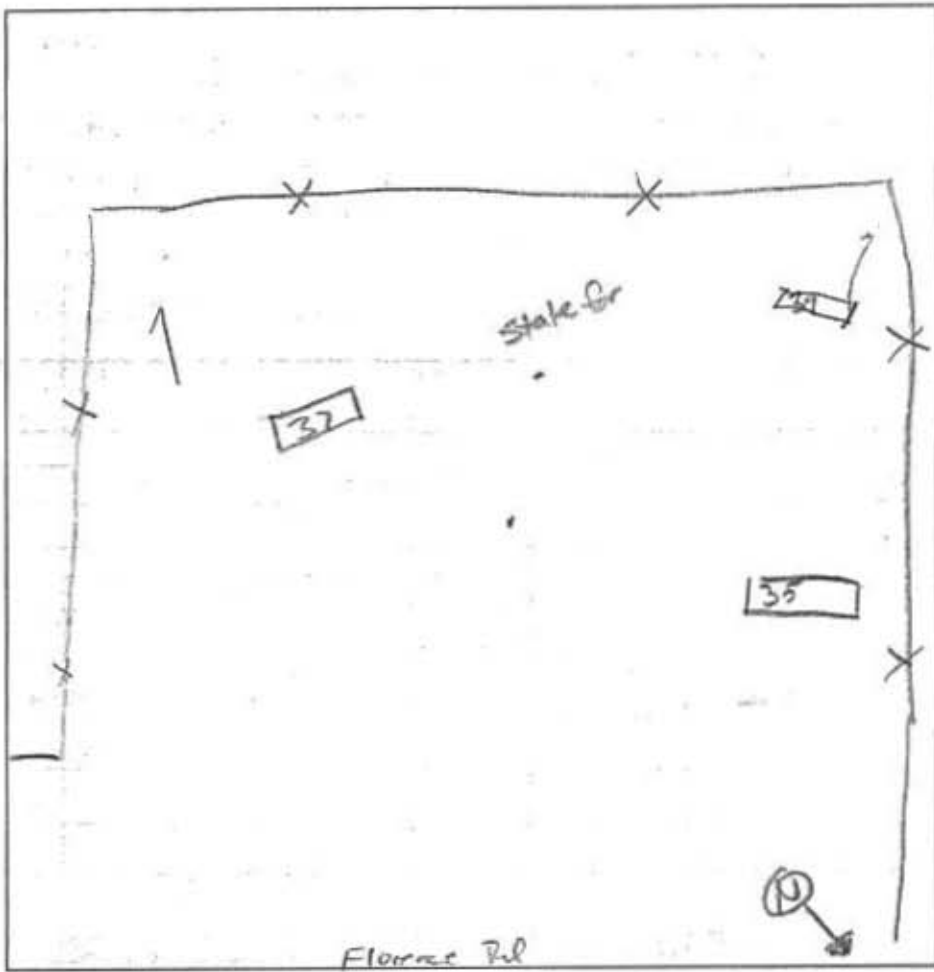
8  
brown SIL w/ 15-20% chunky frags + spherule

39  
orange brown SIL  
w/ 10-15% gravelly Qtz frags

7  
strong brown SIL w/ 15-20% chunky frags + friable spherule  
residual

35  
Brown SIL

7  
strong brown SIL w/ 15-20% chunky frags + weak spher



DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
11/19/04	37	3 / 14	9:54	Stopped @ 10:50		730	F
11/19/04	39	3 / 11	10:09	Stopped @ 10:47		730	F
11/19/04	35	5 / 14	10:47	10:44	10:47	3	P

REMARKS deposition 37  
 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 \_\_\_\_\_



# 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

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CHECK AS NEEDED:

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- 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. DEVERELUX

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. 1

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

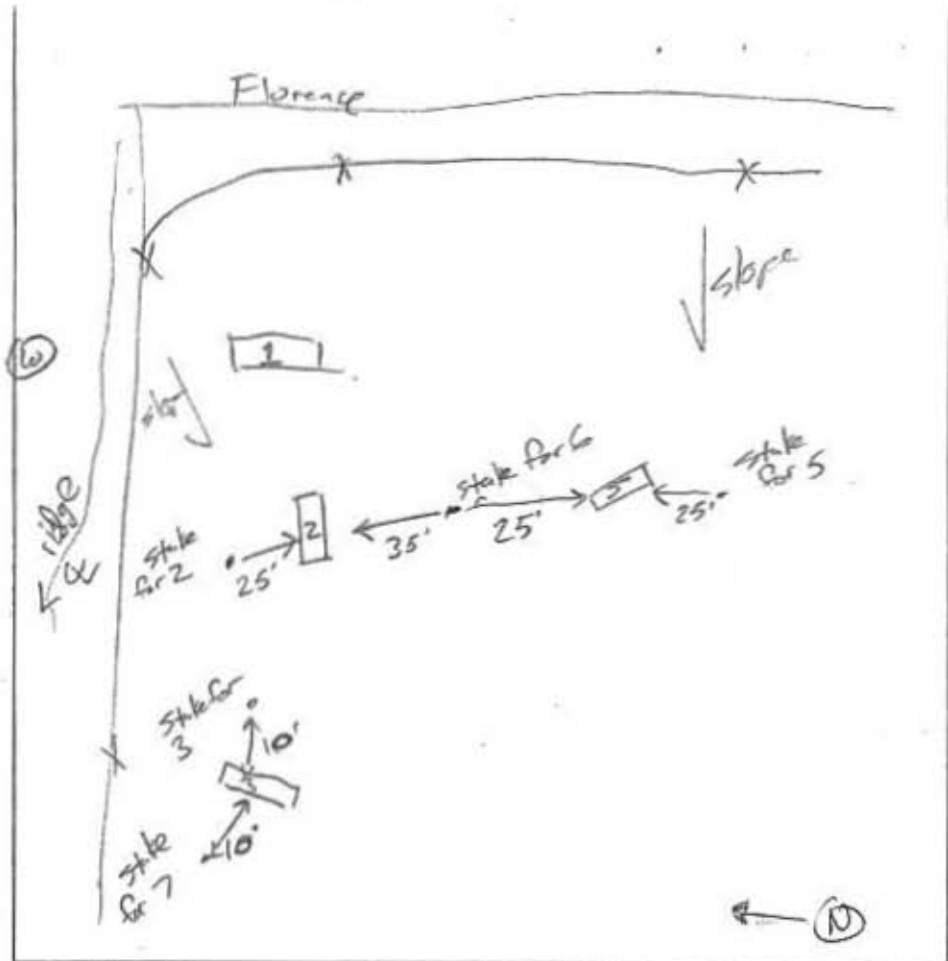
AVP  
1  
Orange  
brown  
sandy  
SiL

---

5  
orange  
brown  
cu SiL  
w/ 10-15%  
channey  
frags

---

12 1/2



3  
Orange  
brown  
SCL

---

2 1/2  
orange  
brown  
white cu  
SiL  
w/ 10-15%  
coarse  
frags

---

13

2  
Orange  
brown  
SiL

---

1/2  
orange  
brown  
SCL

---

4  
orange  
brown  
SiL  
w/ 15-20%  
coarse  
frags

---

10  
hard  
bottom

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
5/7/04	1	6 / 12 1/2	11:35	11:41	11:51	10	P
	2	5 / 10	11:39	11:44	11:52	8	P
	5	5 / 12	11:45	11:47	11:51	4	P
	3	5 1/2 / 13	11:55	12:05	12:20	15	P

5  
Brown  
finel

---

3  
orange brown  
white  
SiL  
w/ < 100%  
coarse  
frags

---

12

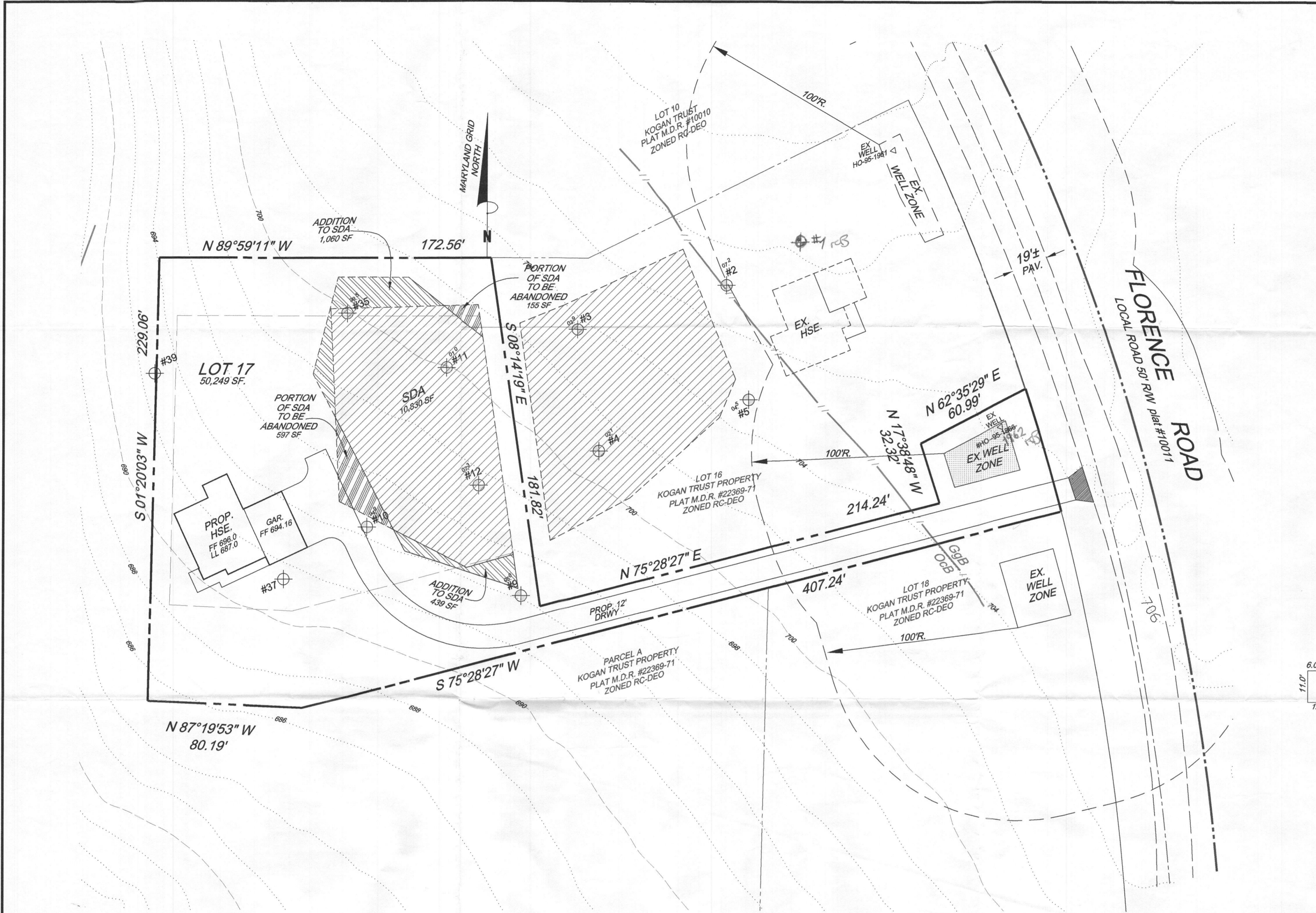
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REMARKS Gnot dig; NOTE new hole config

SANITARIAN J. Boris BACKHOE Wagner OTHERS \_\_\_\_\_

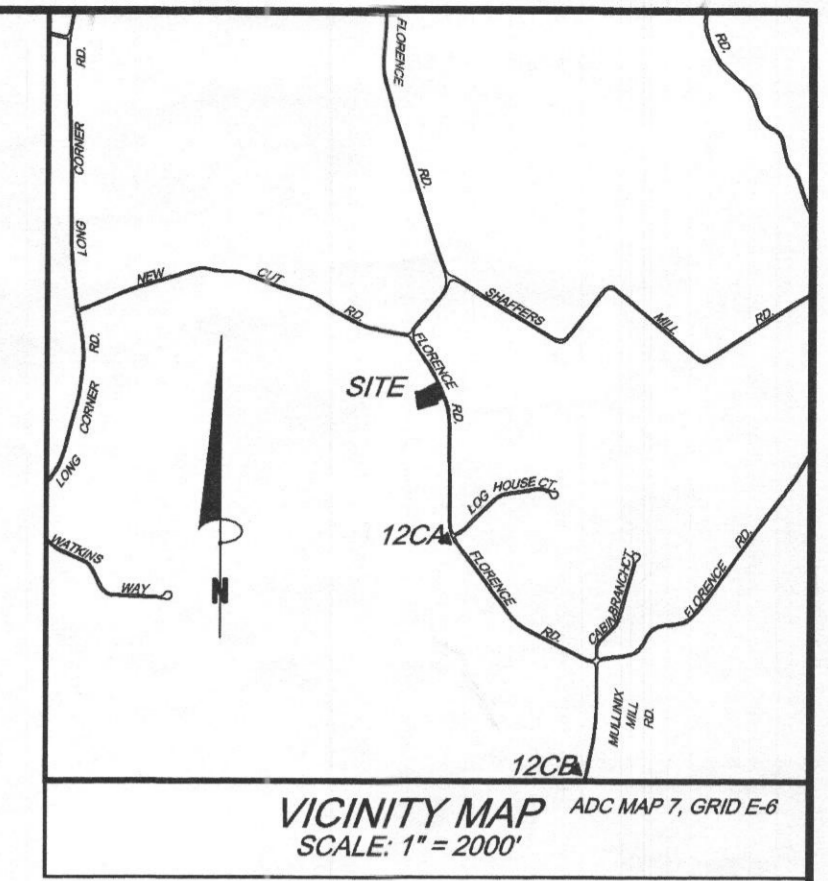
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



SOILS LEGEND					
SYMBOL	NAME/DESCRIPTION	SOIL GROUP	K-VALUE	K-VALUE	HYDRIC GROUP
GgB	Glenns loam, 3 to 8 percent slopes	c	0.28	+	NOT HYDRIC
ObB	Ocoquan loam, 3 to 8 percent slopes	B	0.37	+	NOT HYDRIC

SOIL TYPES BASED ON HOWARD COUNTY SOIL SURVEY MAP # 1 DAMASCUS NE, MARYLAND

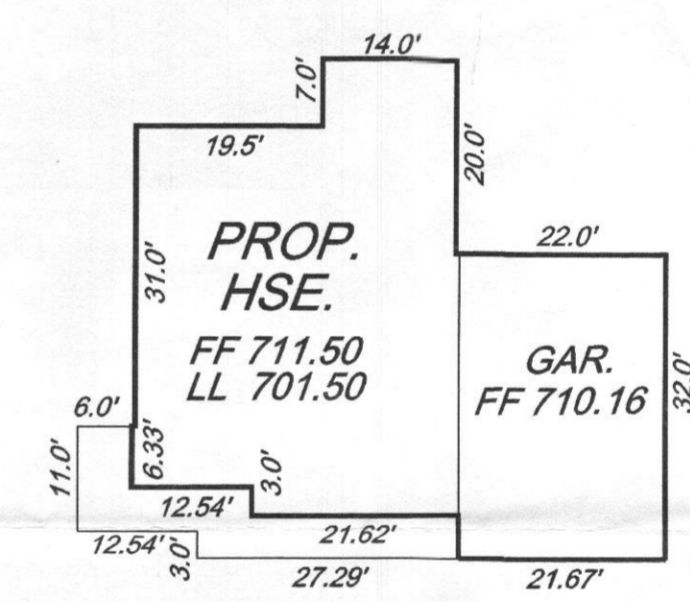


**GENERAL NOTES**

- OWNER: WILLIAM S. DEVEREUX  
C/O CURTIS CUMBERLAND  
CUMBERLAND DEVELOPMENT CUSTOM HOMES  
2883 DUVALL ROAD,  
WOODBINE, MD. 21787
- TAX MAP 006, GRID 23, PARCEL 247
- THE BOUNDARY SHOWN HEREON IS BASED UPON RECORDED PLAT OF THE "KOGAN TRUST PROPERTY" PLAT M.D.R. #22369-71
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #04027C00100
- SUBJECT PROPERTY IS ZONED RC-DEO

**SITE ANALYSIS**

TOTAL AREA SITE 1.1536 ACRES (50,249 SF.)



**PURPOSE NOTE**

THE PURPOSE OF THIS PLAN IS TO AMEND THE SEWERAGE DISPOSAL AREA AS SHOWN HERE ON IN ORDER TO BUILD THE HOUSE AND DRIVEWAY AS SHOWN HERE ON

**LEGEND**

- WELL LOCATION
- WELL ZONE
- PROPOSED SEPTIC LOCATION
- ABANDON SEPTIC AREA LOCATION
- ADDITION TO SEPTIC AREA LOCATION
- EX. PROPERTY LINE
- EX. RIGHT-OF-WAY
- EX. CONTOURS
- SOILS LINE

**HEALTH DEPARTMENT NOTES**

- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THE AREA DESIGNATES A PRIVATE SEWERAGE AREA OF 10,000 SQ-FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE AREAS.
- EXISTING WELLS HO-85-1981 AND HO-85-1982 SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN ACCURATELY.
- THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 1000' OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.  
  - ⊕ DENOTES "PASSED" PERCOLATION TEST
  - ⊕ DENOTES "FAILED" PERCOLATION TEST
- THE NEAREST WATER INTAKE STRUCTURE IS FOUR MILES AWAY.
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN BASED UPON HOWARD COUNTY GIS DATA NAVD83, CONTOUR INTERVAL = 2 FT. FIELD VERIFIED BY CRC & ASSOC
- THE WELL LINE TO THE RESIDENCE ON LOT 17 MUST BE SLEEVED AT ANY POINT THAT IT IS LOCATED UNDERNEATH THE DRIVEWAY WHICH SERVES LOT 17 AND AT ANY POINT THAT THE WELL LINE MAY PASS WITHIN TEN FEET OF THE SEWER DISPOSAL AREA FOR LOT 17.
- ANY CHANGES TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

**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 NO. 7803 EXPIRATION DATE 4-22-2017

Charles R. Crocken 3-28-2017  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 DATE



REVISED PERCOLATION CERTIFICATION PLAN  
LOT 17  
"KOGAN TRUST PROPERTY"  
#1826 FLORENCE RD.  
SINGLE FAMILY DETACHED  
PLAT M.D.R. #22369-71  
ZONED RC-DEO  
FOURTH ELECTION DISTRICT TAX MAP #06, GRID 23, PARCEL 247  
HOWARD COUNTY, MARYLAND

Prepared by:  
CHARLES R. CROCKEN AND ASSOCIATES, INC.  
902 LEE AVE.  
SYKESVILLE, MARYLAND 21157  
Tel. (410) 549-2708

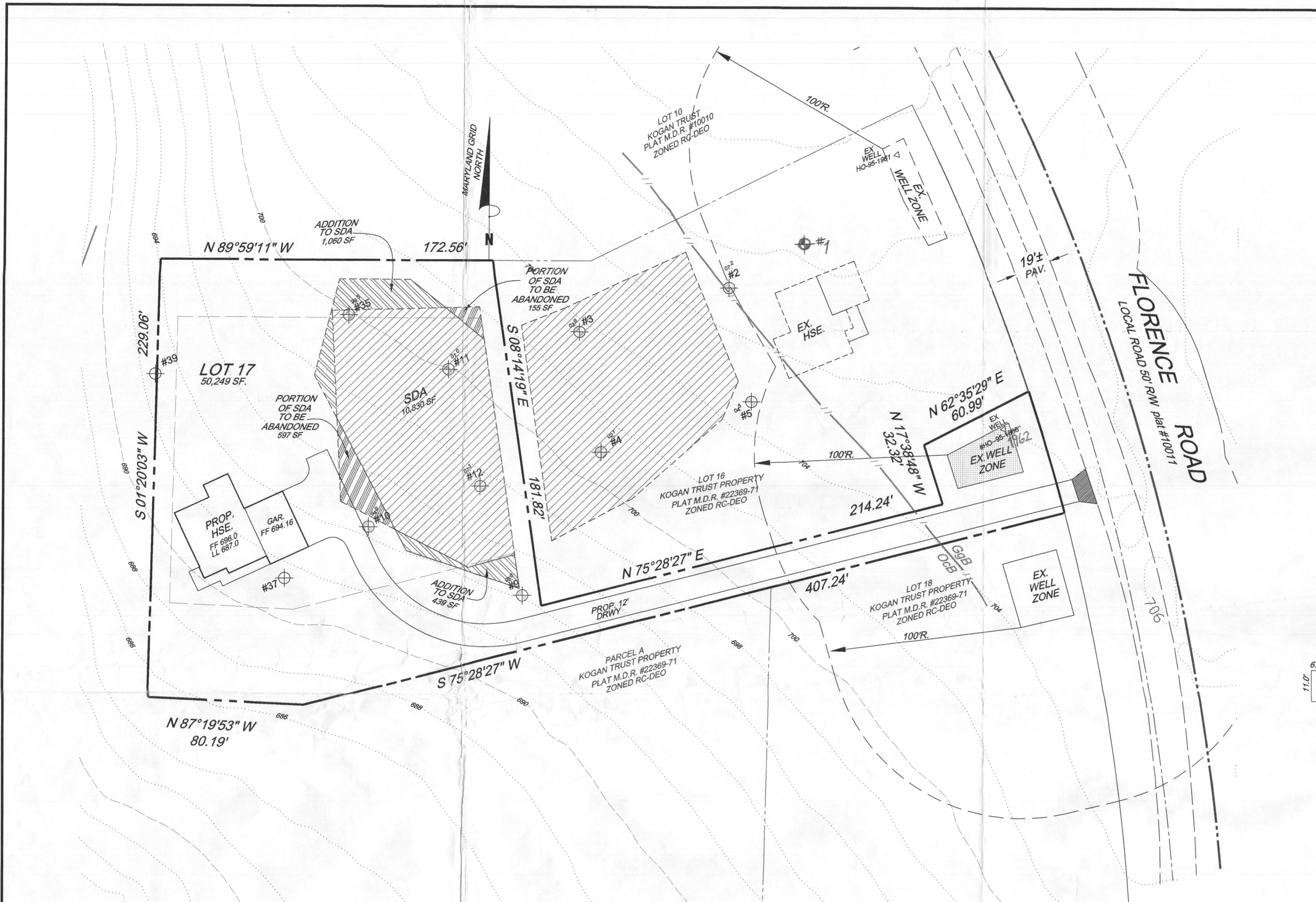
SCALE: 1"=30' DATE: 05/08/16 SHEET 1 OF 1

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

Michael J. Davis 4/11/17  
FOR HOWARD COUNTY HEALTH OFFICER DATE

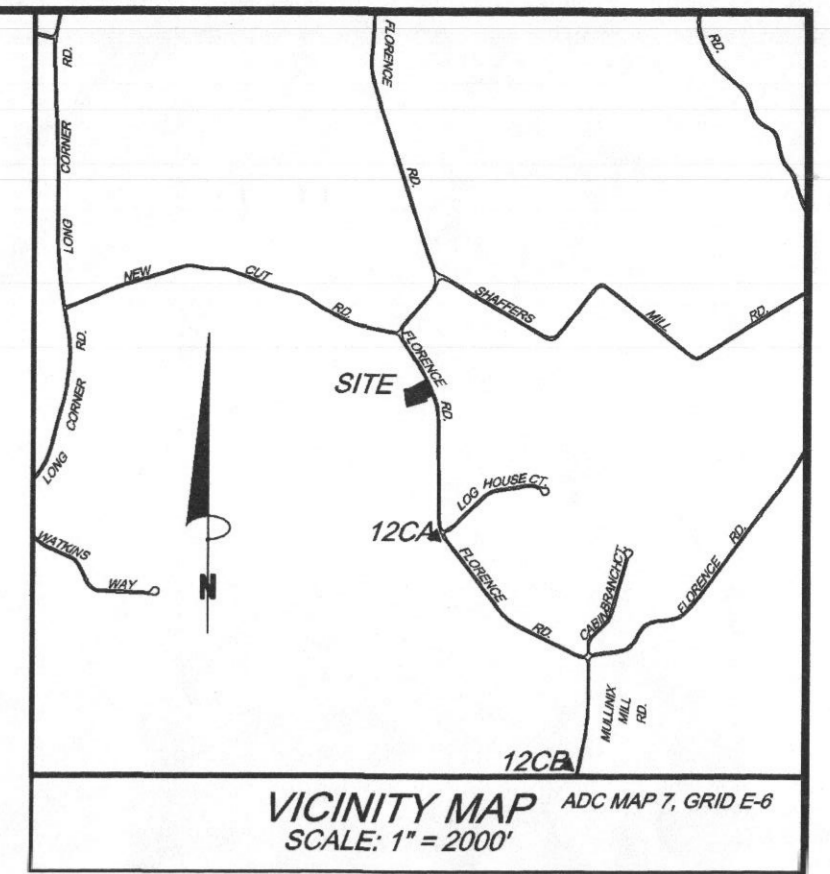
PERCOLATION CERTIFICATION  
I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN  
HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

Charles R. Crocken 3-28-2017  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017) DATE



SOILS LEGEND					
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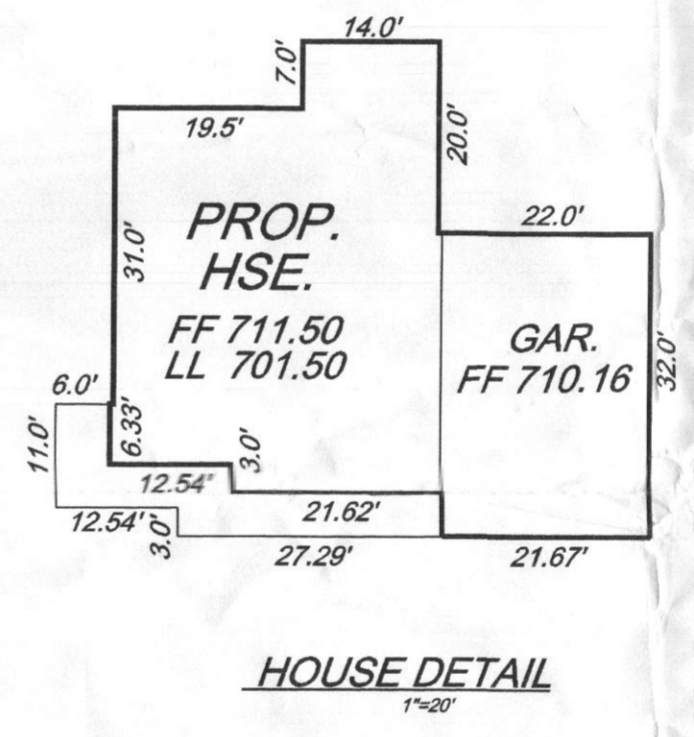
DATE

**GENERAL NOTES**

- OWNER: WILLIAM S. DEVEREUX  
c/o: CURTIS CUMBERLAND  
CUMBERLAND DEVELOPMENT CUSTOM HOMES  
2883 DUVALL ROAD,  
WOODBINE, MD. 21787
- DEED REFERENCE: LIBER 15950, FOLIO 031  
DATE: DECEMBER 12, 2014  
GRANTOR: CINDY A. DEVEREUX
- TAX MAP 006, GRID 23, PARCEL 247
- THE BOUNDARY SHOWN HEREON IS BASED UPON RECORDED PLAT OF THE "KOGAN TRUST PROPERTY" PLAT M.D.R. #22369-71
- WATER SERVICE IS PRIVATE, SEWER SERVICE IS PRIVATE
- THERE IS NO 100 YEAR FLOOD PLAIN LOCATED ON THIS PROPERTY BASED ON FEMA INSURANCE RATE MAP COMMUNITY PANEL #64250019D
- SUBJECT PROPERTY IS ZONED RC-DEO

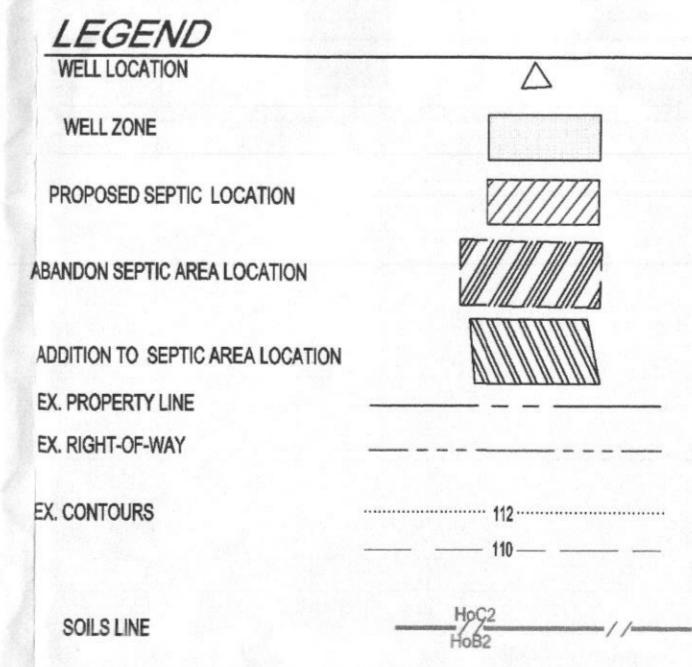
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

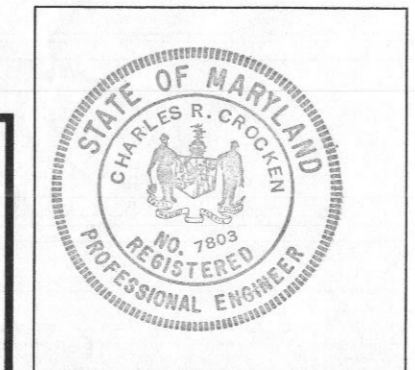
*Richard J. Davis* 4/11/17  
HOWARD COUNTY HEALTH OFFICER

**PERCOLATION CERTIFICATION**  
I HEREBY CERTIFY THAT THE PERCOLATION TEST LOCATIONS SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE ARE CORRECT AS SHOWN.

*Charles R. Crocken* 3-28-2017  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803 (EXPIRATION DATE 4-22-2017)

**PROFESSIONAL CERTIFICATION**  
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*Charles R. Crocken* 3-28-2017  
CHARLES R. CROCKEN, PE MD. LICENSE REG. NO. 7803



**REVISED PERCOLATION CERTIFICATION PLAN**  
LOT 17  
"KOGAN TRUST PROPERTY"

OWNER:  
WILLIAM S. DEVEREUX  
1650 FLORENCE RD  
MOUNT AIRY MD 21117  
(410) 301-262-1122

BUILDER:  
CUMBERLAND DEVELOPMENT CUSTOM HOMES  
C/O CURTIS CUMBERLAND  
2883 DUVALL RD.  
WOODBINE MD. 21787  
(410) 301-262-1122

Prepared by:  
**CHARLES R. CROCKEN AND ASSOCIATES, INC.**  
902 LEE AVE.  
SYKESVILLE, MARYLAND 21157  
Tel. (410) 549-2708

SCALE: 1"=30' DATE: 05/08/16 SHEET 1 OF 1