

APPLICATION

PERCOLATION TESTING

A 518543

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 2/12/2003

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER The Estate of Elizabeth Smith c/o Charles Slade, Personal Representative

ADDRESS 10450 Shaker Dr., Ste 112 Columbia, MD 21046 PHONE _____

AGENT OR PROSPECTIVE BUYER MacBeth Farm, LLC

ADDRESS 8808 Centre Pk. Dr., Ste 209 Columbia, MD 21045 PHONE 410.964.5522

PROPERTY LOCATION:

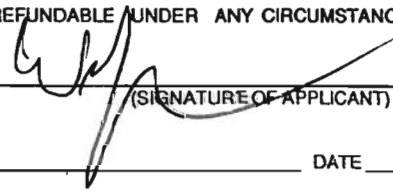
SUBDIVISION MacBeth Farm LOT NO. 9

ROAD AND DESCRIPTION MD Rt. 108 Clarksville, MD- Approximately 1 mile south of the Guilford Rd./
Rt. 108 intersection

TAX MAP 34 PARCEL # p/o 90

SIZE OF LOT 1 Acre TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.



(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

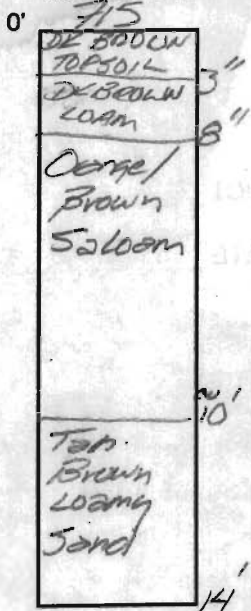
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

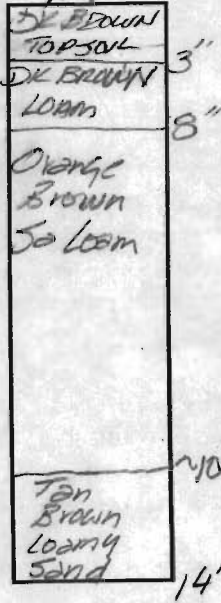
MACBETH FARMS
714, 715, 712, 713

COUNTY #

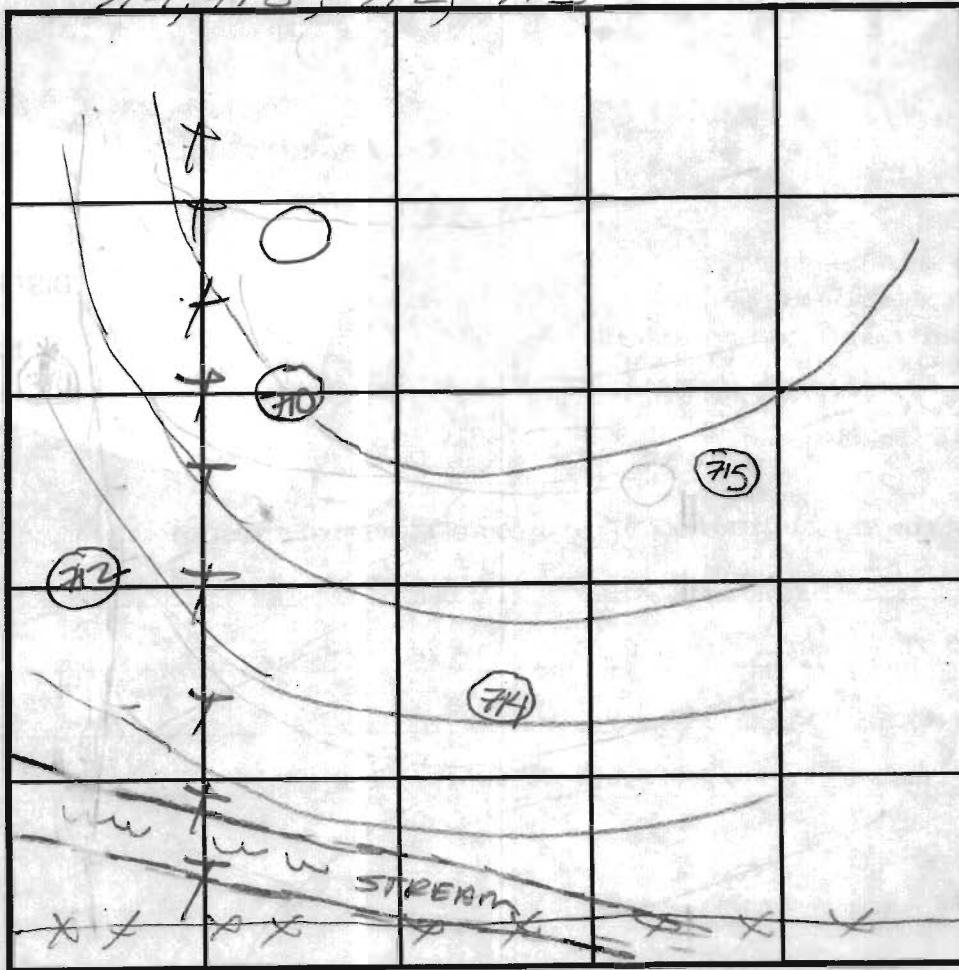
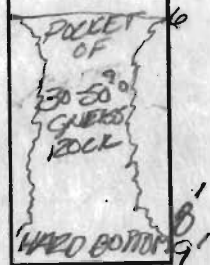
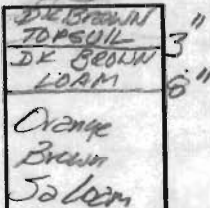
SOIL PROFILE



714

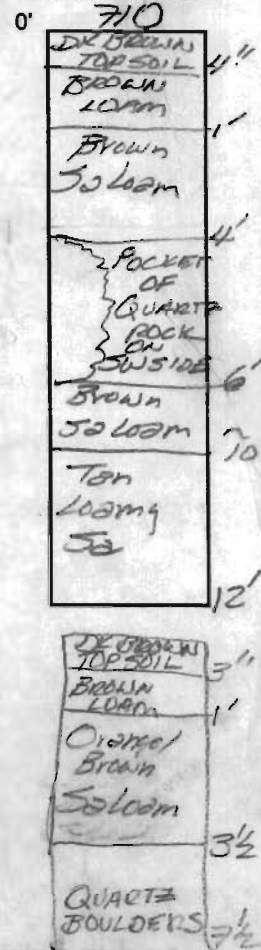


713



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/1/03	715	6' / 14' V	1:04	1:06	1:06	1:09	3min	
	714	5' / 13' V	1:18	1:20	1:20	1:24	4min	
	713	4' / 9'	1:40	1:42	1:42	1:45	3min	
	710	6' / 12' V	2:08	2:10	2:10	2:13	3min	
	()	NOT TESTED; SHALLOW QUARTZ						

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

SOIL PROFILE

712

0' Brown L
 1 orange
 brown
 micaceous
 Silty white
 dense platy
 layers of LS
 6 yellow
 brown
 coarse
 LS
 6/20-25%
 coarse
 chert
 Qtz frags

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/1/03	712	2 1/2	1:40:45	1:42:00	1:42:00	1:43:30	
		3 1/2	1:48:00	1:49:30	1:49:30	1:52:00	

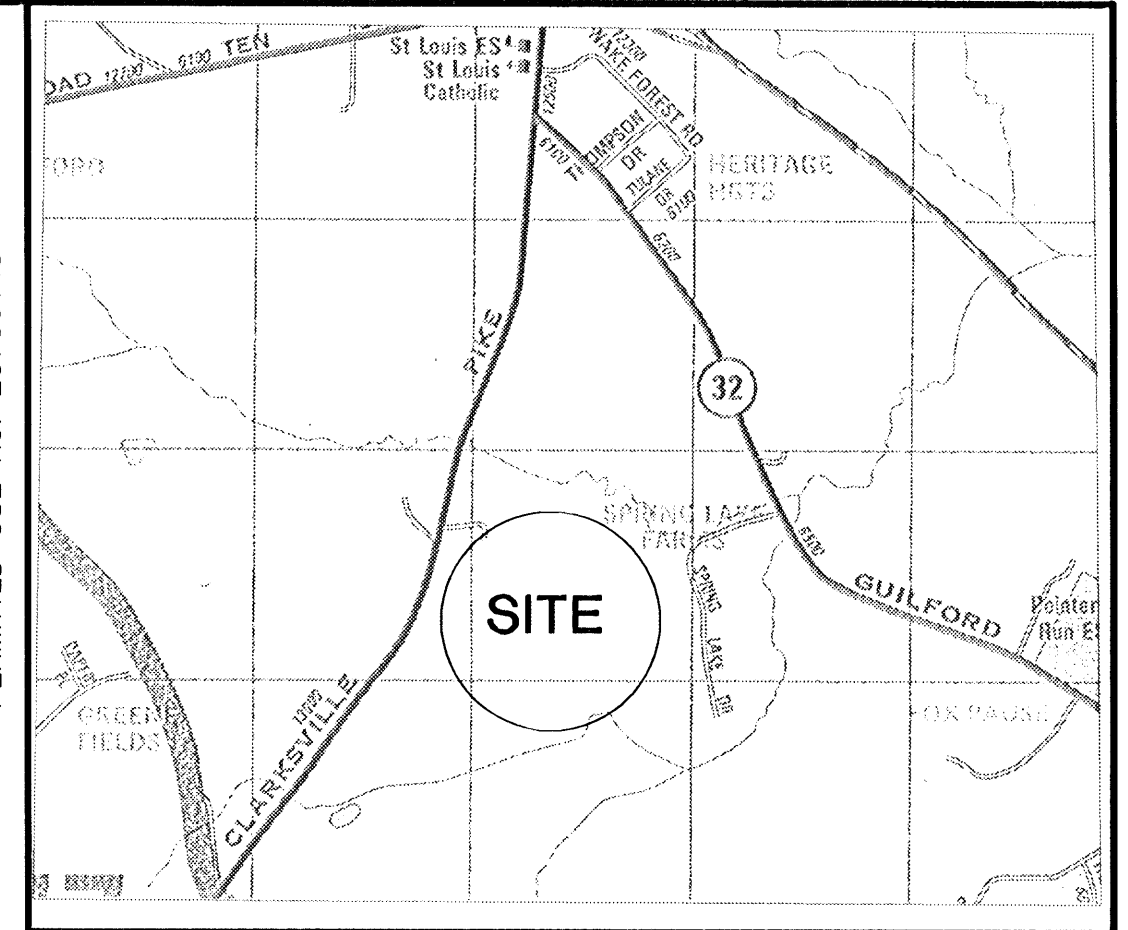
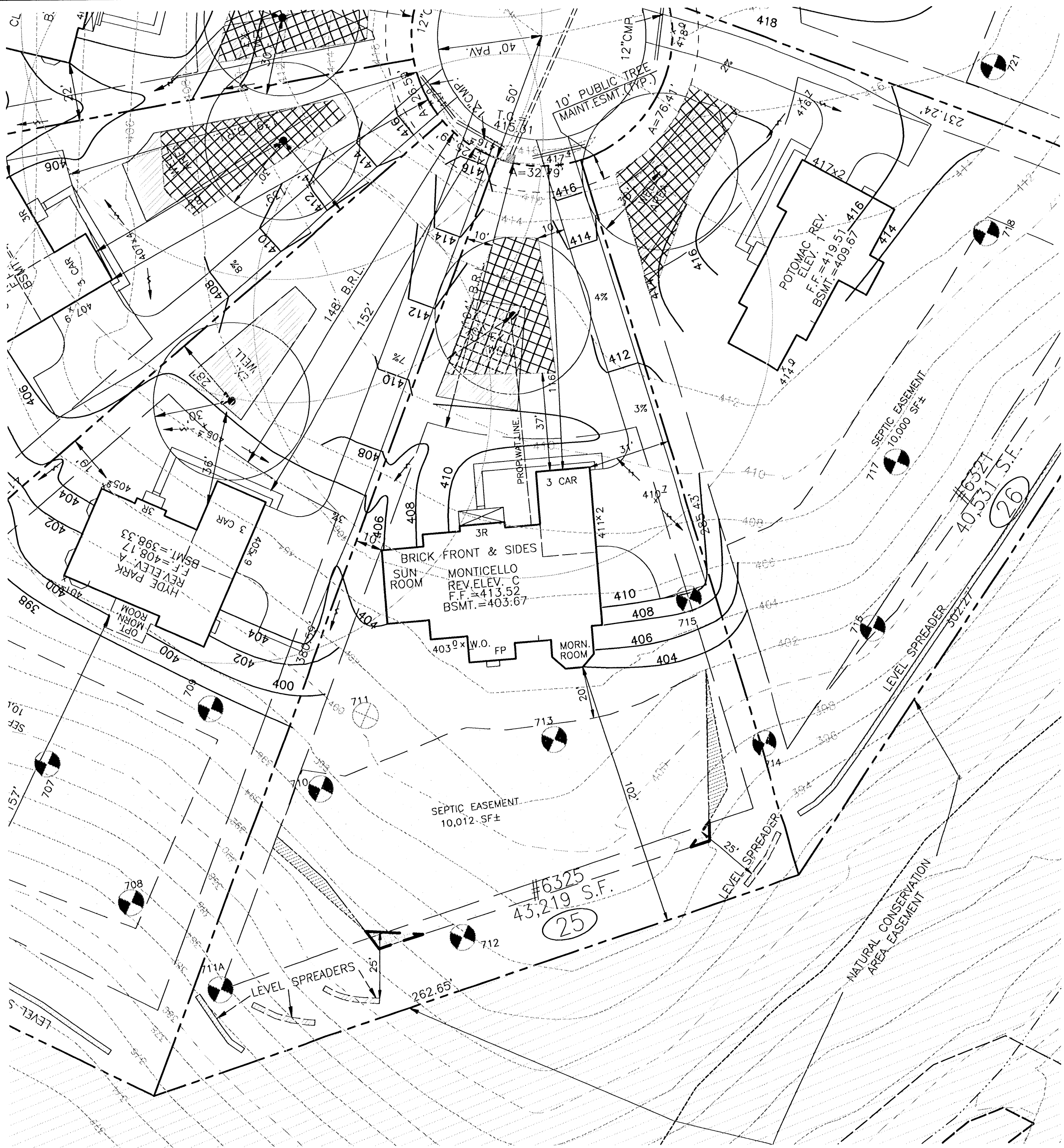
REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

_____ BOTTOM DEPTH _____ SO FT/FT ROOM _____



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PERMITTED USE No. 20706143

VICINITY MAP

LEGEND

- F.F. 00.00 FINISHED TOP OF FIRST FLOOR ELEVATION.
- BSMT. 00.00 FINISHED TOP OF BASEMENT FLOOR SLAB.
- 000X0 PROPOSED GROUND ELEVATION AT WALKOUT CONDITIONS.
- 00X0 GROUND SPOT ELEVATION.
- STD. OR REV. STANDARD OR REVISED "UNIT DESIGNATION FROM ARCHITECTURAL PLANS."
- SR NUMBER OF RISERS - 7 1/2" EACH (INCLUDING 3 RISERS INTO HOUSE)
- WINDOW WELL REQUIRED FOR BASEMENT WINDOWS IN REAR.
- W/W WINDOW WELL REQUIRED FOR BASEMENT WINDOWS IN REAR.
- 000 PROPOSED 2 FT. CONTOUR.
- 000 EXISTING 2 FT. GROUND CONTOUR.
- 000 EXISTING 10 FT. GROUND CONTOUR.
- DRAINAGE FLOW IN SWALE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CURB AND GUTTER.
- EXISTING STORM DRAINS.
- EASEMENT LINE
- MINIMUM BUILDING SETBACK LINE
- NON-TIDAL WETLANDS LINE
- 25 FT. WETLANDS BUFFER LINE
- 75 FT. WETLANDS BUFFER LINE
- EXISTING STORM DRAIN INLET.
- STORM DRAIN OUTFALL (W/ AGGREGATE)
- DENOTES EXISTING SEPTIC EASEMENT
- DENOTES AREA OF PROPOSED SEPTIC EASEMENT TO BE ADDED.
- DENOTES AREA OF EXISTING SEPTIC EASEMENT TO BE ABANDONED.
- DENOTES EXISTING WELL AREA
- DENOTES PROPOSED WELL AREA
- PERCOLATION TEST PIT-PASSED
- PERCOLATION TEST PIT-FAILED

NOTES:

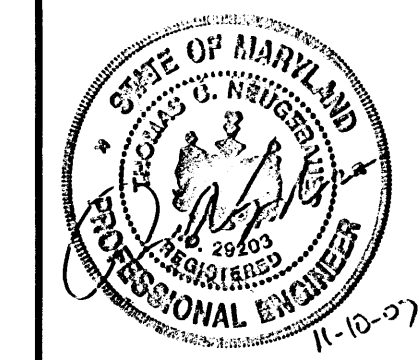
1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
2. EXISTING GRADING SHOWN IS FIELD RUN TOPO BY MRA ON 04/02/07
3. PERCOLATION TEST FEE RECEIPT NUMBER - A518543
4. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
5. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
6. ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEPTIC RESERVE AREAS ON AND WITHIN 100 FEET OF THE PROPERTY AND 200 FEET DOWNSLOPE HAVE BEEN SHOWN.

OWNER
NVR, INC.
6085 MARSHALEE DRIVE, SUITE 130
ELKBRIDGE, MARYLAND 21075
PH: 410-379-5956

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. 29203, EXPIRATION DATE: 06/16/2009.
Thomas C. Neugebauer 11-10-07
THOMAS C. NEUGEBAUER, P.E. DATE



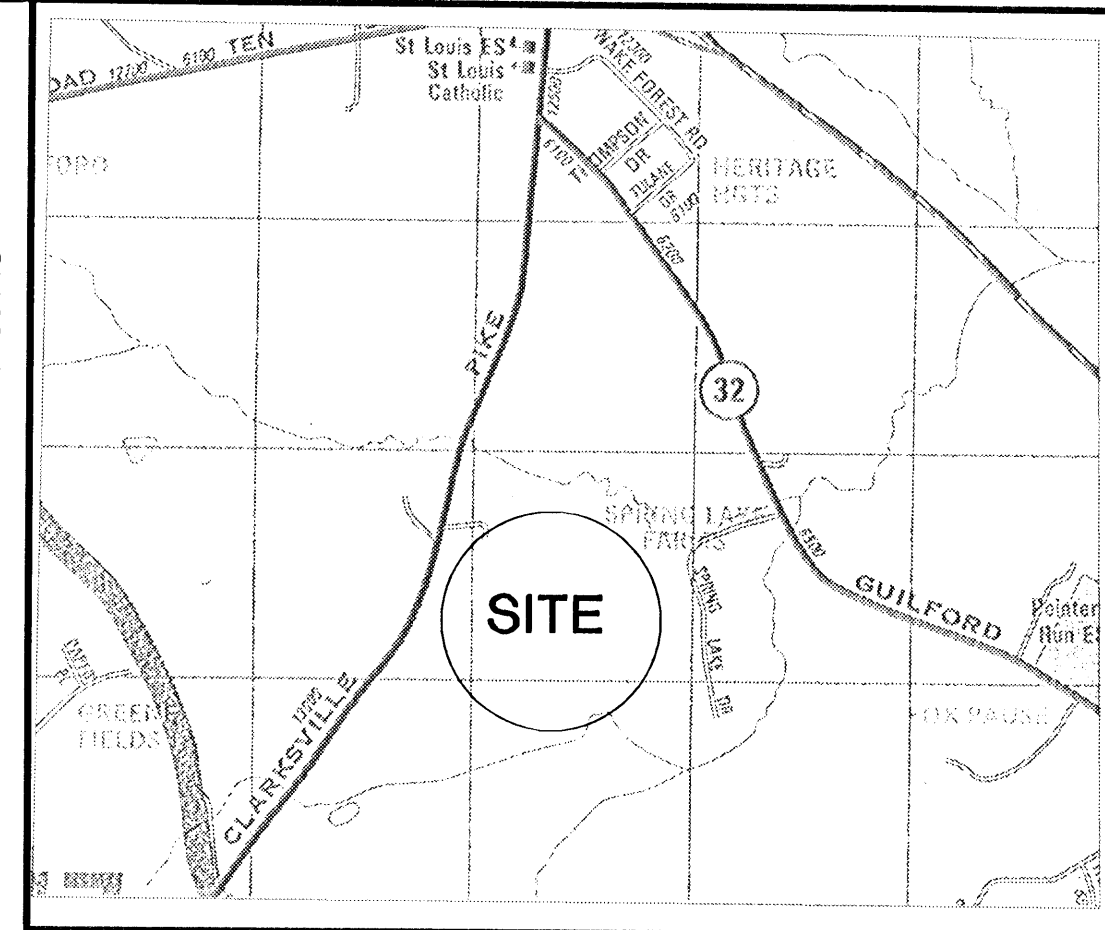
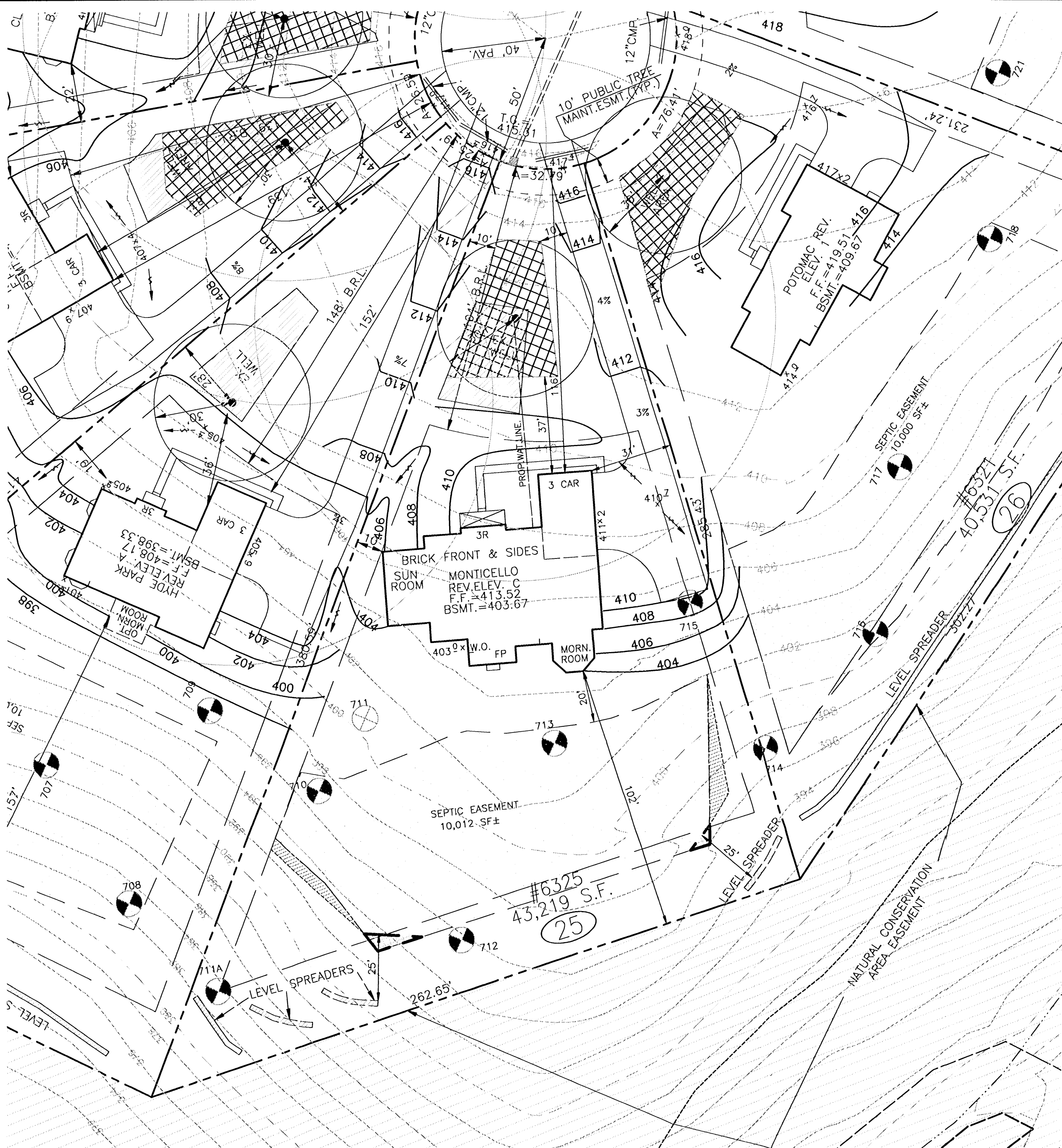
MORRIS & RITCHIE ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS & LANDSCAPE ARCHITECTS
3445-A BOX HILL CORPORATE CENTER DRIVE
ABINGDON, MARYLAND 21009
(410) 515-9000
FAX (410) 515-9002



REVISED PERCOLATION CERTIFICATION PLAN FOR
MACBETH FARMS
LOT 25 #6325 KERNE COURT
TAX MAP 34 GRIDS 18 & 24 PARCEL 90
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DATE	REVISIONS	JOB NO.:
11-05-07	REVISE WELL AREA	14948
11-08-07	REVISE SEPTIC EASEMENT	SCALE: 1"=30'
		DATE: 11-05-07
		DRAWN BY: TB
		DESIGN BY: TB
		REVIEW BY:
		SHEET: 1 OF 1

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS
B. Wilson for Peter Billelsen 11/19/2007
COUNTY HEALTH OFFICER DATE
HOWARD COUNTY HEALTH DEPARTMENT GAC



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 THOMAS C. NEUGEBAUER, P.E. 11-10-07 DATE

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS
B. Nixon for Peter Brilenson
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT
 11/19/2007
 DATE
 GAC

 	MORRIS & RITCHIE ASSOCIATES, INC. ENGINEERS, ARCHITECTS, PLANNERS, SURVEYORS & LANDSCAPE ARCHITECTS 3445-A BOX HILL CORPORATE CENTER DRIVE ABINGDON, MARYLAND 21009 (410) 515-9000 FAX (410) 515-9002	
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