

APPLICATION

PERCOLATION TESTING

A 516084

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

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 SECURITY DEVELOPMENT, L.L.C.
P.O. BOX 417
ADDRESS ELLICOTT CITY, MD 21041 PHONE 410-465-4244

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HOMWOOD LOT NO. 50

ROAD AND DESCRIPTION HOMWOOD ROAD

TAX MAP 23 & 29 PARCEL # 20 & 86

SIZE OF LOT 1 ACRE ± TYPE BLDG. SINGLE FAMILY DETACHED
(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.

SECURITY DEVELOPMENT LLC
BY: [Signature]
(SIGNATURE OF APPLICANT) SECRETARY

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

516084
COUNTY #

SOIL PROFILE
(50B)

0' Red Br Heavy Loam micaceous
5'-6' micaceous heavy Lm
6 1/2' fine H. brn beige sand w/ lots of mica
Trace R_x throughout Bottom
14'3"

(50A)

Red Br Heavy Loam 5'
Red Br Loam 5-10% Rock
6' Light Br Fine Sa Loam 5-10% Rock
14'5"

(50C)

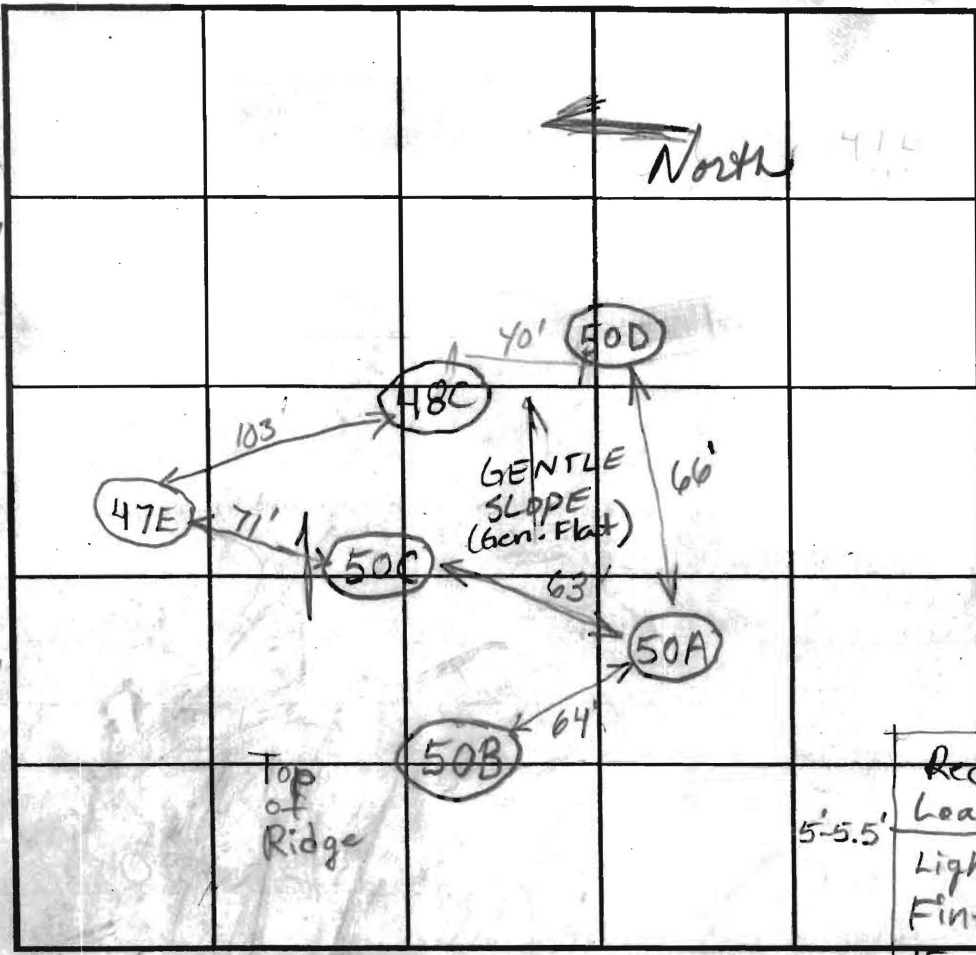
Red Br cl Loam 3'
Yellow Br Heavy Loam 5'
Beige Mica Sa Loam 5-10% Rock
14'

SOIL PROFILE
(50D)

0' Dic brn Pebbly. heavy Lm - micaceous
2'9" Strong Red brn cl Lm Rock ~5% Pebbles mica
5' org brn micaceous s: Lm
7' Fine (org) beige sand Trace R_x
15'

(48C)

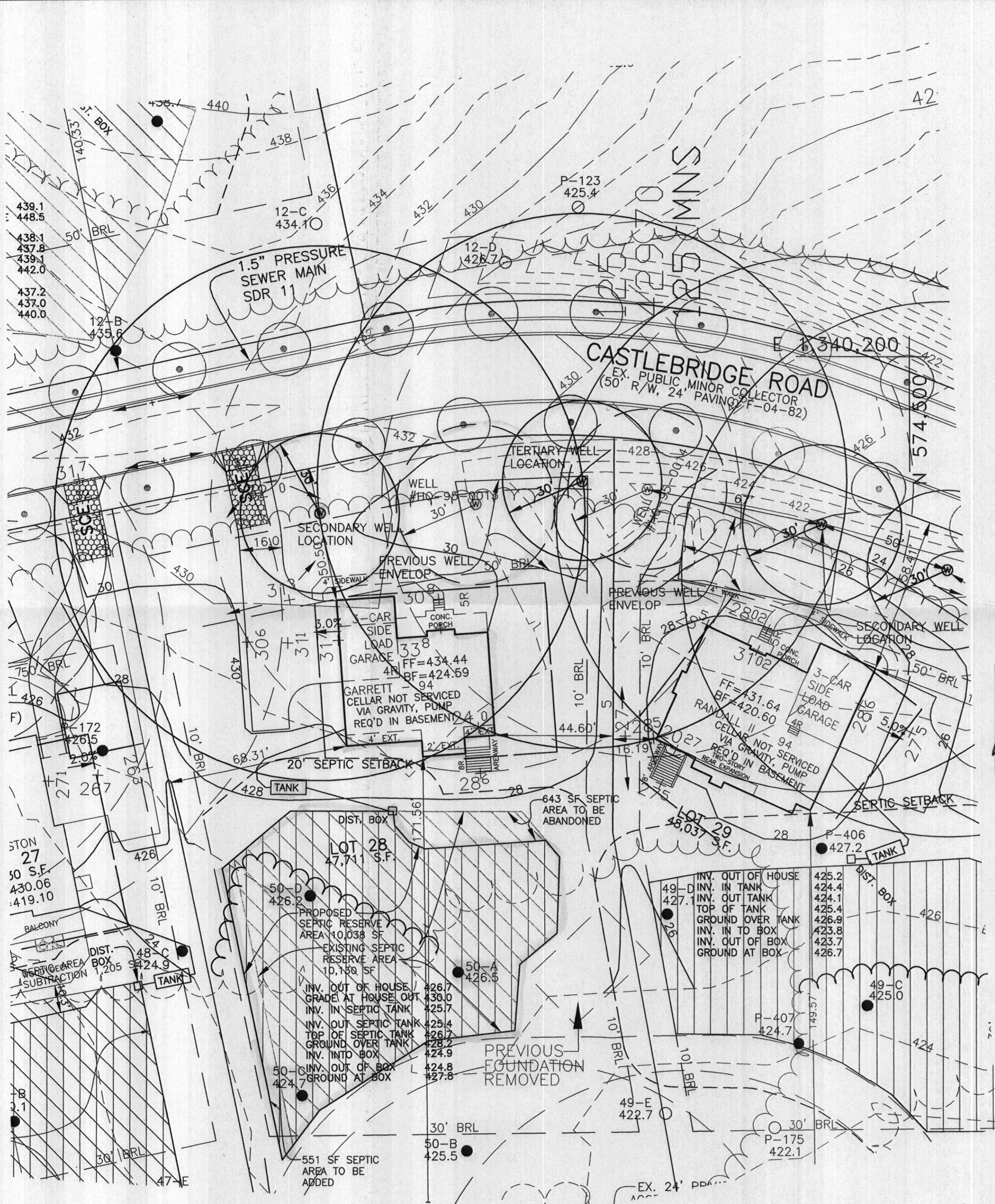
Red Br Heavy Loam 5'-5.5'
Light Or and Br Fine Sa Loam 15-20% saprolite
14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

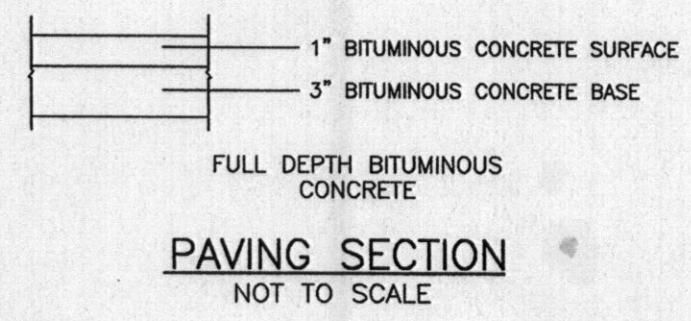
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-18-02	50B	6'3" S	12:04:00	SLOW-pull	12:06	12:13	7 min
		6'9" S	12:03:50	12:06			
	(50A)	14'3" V					
		5' / 14.5' V	12:24	12:41	12:41	12:43	Slow
		6'	12:23	12:24	12:24	12:28	4 OK
	(50C)	6' / 14' V	12:41	12:42	12:42	12:44	2 OK
	(50D)	6 1/2' S / 13' V	2:11	2:15	2:15	2:24	9 min OK
	(48C)	5.5' / 14' V	2:13:30	2:20:30	2:20:30	2:30:30	10 OK
		6'	2:33	2:36:30	2:36:30	2:41:30	5

REMARKS holes per plan. Field verify test hole locations
 TYPE OF SOIL _____
 TESTED BY BB/KG ALSO PRESENT Flatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PHASE 2, PLAT No. 18035. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER 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 ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDED OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-05-31 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS AND HAS BEEN FIELD VERIFIED BY J.A. RICE, INC., ON OR ABOUT SEPTEMBER 2002.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
9. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
10. THE EXISTING WELL SHOWN ON THIS PLAN, HO-95-0013, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
11. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
12. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. THIS PLAN INCLUDES THE REMOVAL OF THE WELL BOX, SHOWING TWO REPLACEMENT WELLS AND A MODIFICATION TO THE SEPTIC RESERVE AREA.
13. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN FACILITY #4, WET-ED POND, AS SHOWN ON THE FINAL ROAD CONSTRUCTION PLANS, F-04-82.



I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

John M. Carney 5-6-11
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

APPROVED:
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
William Peter Bsilensky 5/26/2011
 COUNTY HEALTH OFFICER

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
- FIELD SURVEYED WELL LOCATION
- PASSED PERCOLATION TEST PER TEST NOTES
- FAILED PERCOLATION TEST PER TEST NOTES
- EXISTING APPROVED SEPTIC RESERVE AREA
- PROPOSED REVISED SEPTIC RESERVE AREA

BENCHMARK ENGINEERING, INC.
 ENGINEERS • LAND SURVEYORS • PLANNERS

8480 BALTIMORE NATIONAL PIKE • SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 • FAX: 410-465-6644
 EMAIL: benchmark@cais.com

OWNER/BUILDER:
 CAMBERLEY HOMES, INC.
 6905 ROCKLEDGE DRIVE
 SUITE 800
 BETHESDA, MD 20817
 PHONE: 301-803-4800
 FAX: 301-803-4929

PROJECT:
RIVERWOOD LOT 28

LOCATION: 4849 CASTLEBRIDGE ROAD
 ELLICOTT CITY, MD 21042
 TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

TITLE: REVISED PERCOLATION CERTIFICATION PLAN AND BUILDING PERMIT PLAN

HOUSE TYPE: GARRETT - 94

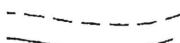










DATE: JUNE 14, 2010
 MAY 5, 2011

PROJECT NO. 1950

SCALE: 1" = 30'

DRAWING 1 OF 1

DESIGN: JMC DRAFT: JMC

-  EXISTING CONTOURS (2' INTERVALS)
-  EXISTING TREELINE
-  CL STREAM
-  PROPOSED SEWAGE DISPOSAL AREA
-  WELL
-  STEEP SLOPES 25% OR GREATER
-  SLOPES 15-24.99%
-  SOILS DELINEATION LINE
-  FOREST CONSERVATION EASEMENT
-  PERC FAILED LOCATION
-  PERC PASSED LOCATION

*Copy of signed
perc plan
7-10-03*

