

APPLICATION

PERCOLATION TESTING

A 516084

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

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

ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Homewood LOT NO. _____

ROAD AND DESCRIPTION Homewood Road

TAX MAP 23+29 PARCEL # 20+86

SIZE OF LOT 1 Acre ± TYPE BLDG. SFD
(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

Lot 43

COUNTY #

SOIL PROFILE

0' (500)

Red Br Heavy Loam

2.5'-3'

Or Br Loam Mostly Si

4.5'-5'

Tan and Med Br Sa Loam 25-30% Rock and Saprolite

Mottling Water

10.5'

12'

(234)

Or Br Loam

3.5'-4'

Beige Sa Loam

20-25%

Saprolite

Water

13'

13.5'

(233)

Br Loam

1'

Red Br Sa Loam

5'

Yellow Br Sa Loam

<5% Cobbly Quartz Fragments

SOIL PROFILE

0' (501)

Br Loam

1'

Br Sa Loam

3.5'

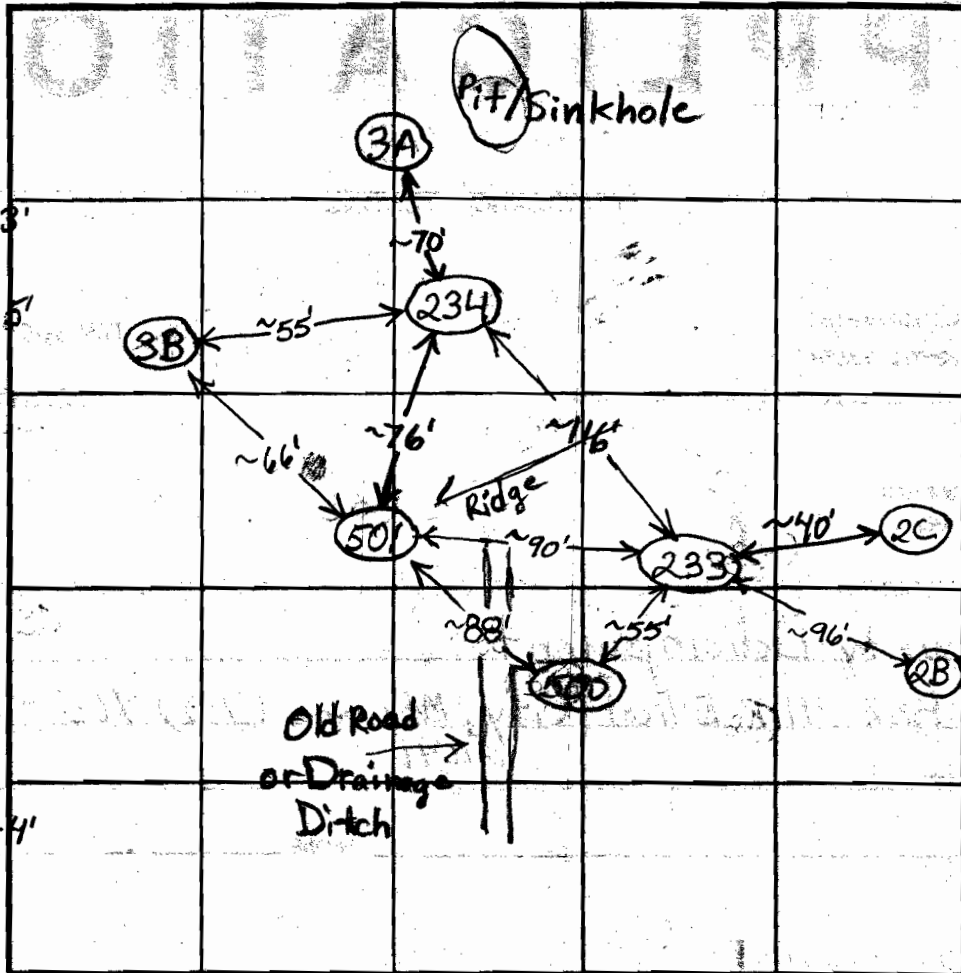
Br Si Loam

5'

Light Br Sa Loam

Less Than 5% Quartz Fragments

14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/23/03	500	4'9" / 12"	11:48	11:59	11:59	12:14	15	Move Uphill
		5'4"	11:47:30	11:49	11:49	11:51:15	~2 1/2	
	234	4'2" / 13.5"	12:31	12:34:30	12:34:30	12:40	6 1/2	O.K.
		5'10"	12:31:30	12:34:30	12:34:30	12:39	4 1/2	
	233	6' / 14"	11:27	11:29	11:29	11:33	4	O.K.
	3B	4'	1:00	Less than 1/4"	10 minutes		Slow	(F)
		6'	12:35	12:35	Less than 1/4" in 30 minutes		Slow	
			Water at 11' and Rising, Seepage at 8'		Seepage at 5'			
	501	4.5' / 14"	12:00	12:15	12:15	12:31	16	O.K.
		6'	11:58	12:03	12:03	12:09	6	

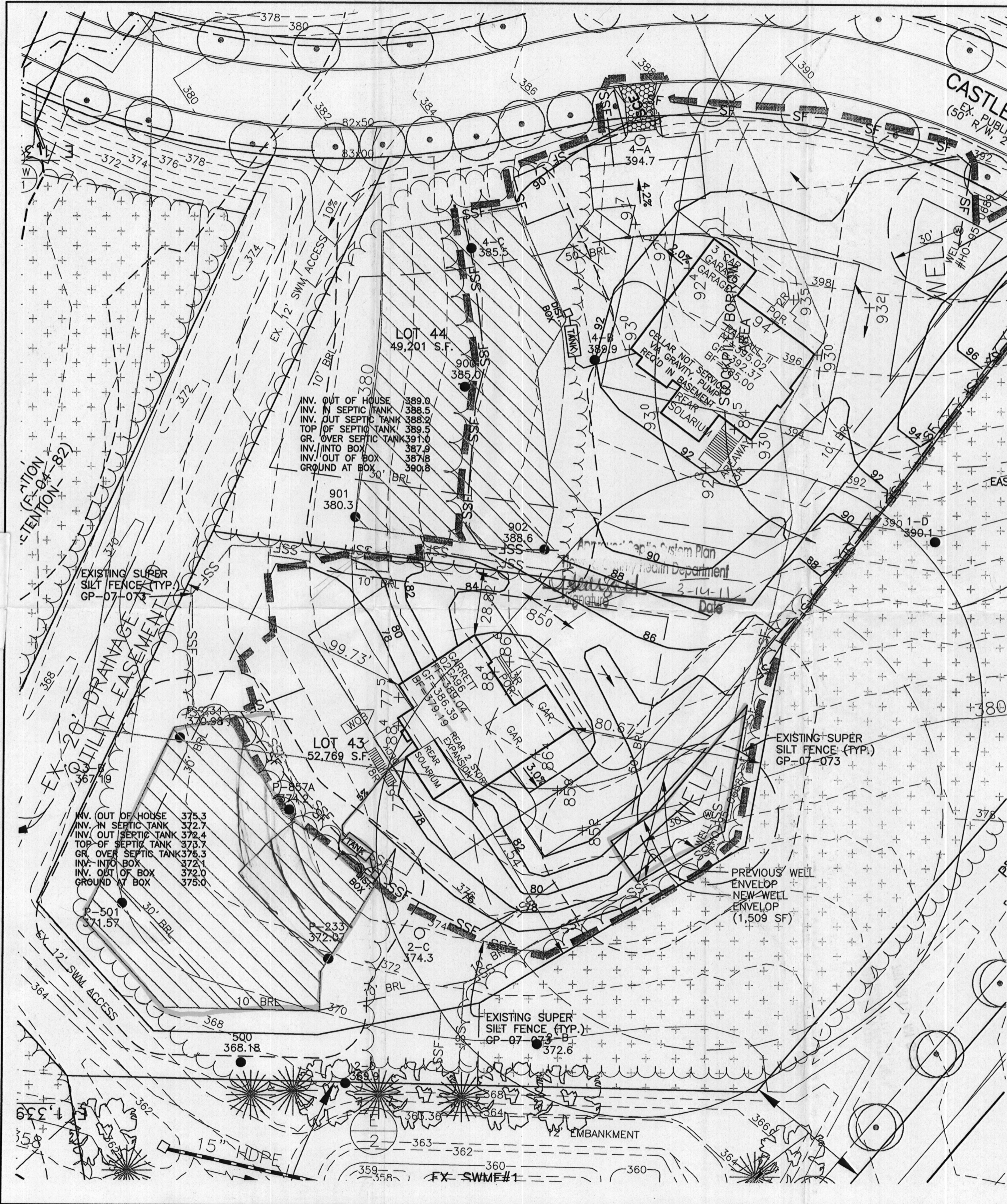
REMARKS Move 500 10' Uphill to Get Away From Drainage Area

TYPE OF SOIL 3A Not Tested

TESTED BY B. Baker / F. Alfonso ALSO PRESENT

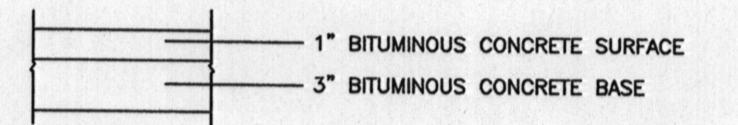
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SO FT. BEDROOM



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PLAT No. 19721. 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. RECORDATION 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-95-0688, 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.
13. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED IN POND #1 OF F-04-082, A MICROPOL ED POND.
14. THE PURPOSE FOR THIS PERCOLATION CERTIFICATION PLAN IS TO REVISE THE WELL BOX TO PROVIDE AT LEAST 10' BETWEEN THE WELL AREA AND THE PROPOSED DRIVEWAY.



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 3-9-11
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

Bryan Peter Beilenson 3/16/2011
 COUNTY HEALTH OFFICER *KS* DATE

PAVING SECTION
 NOT TO SCALE

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 SEPTIC RESERVE AREA

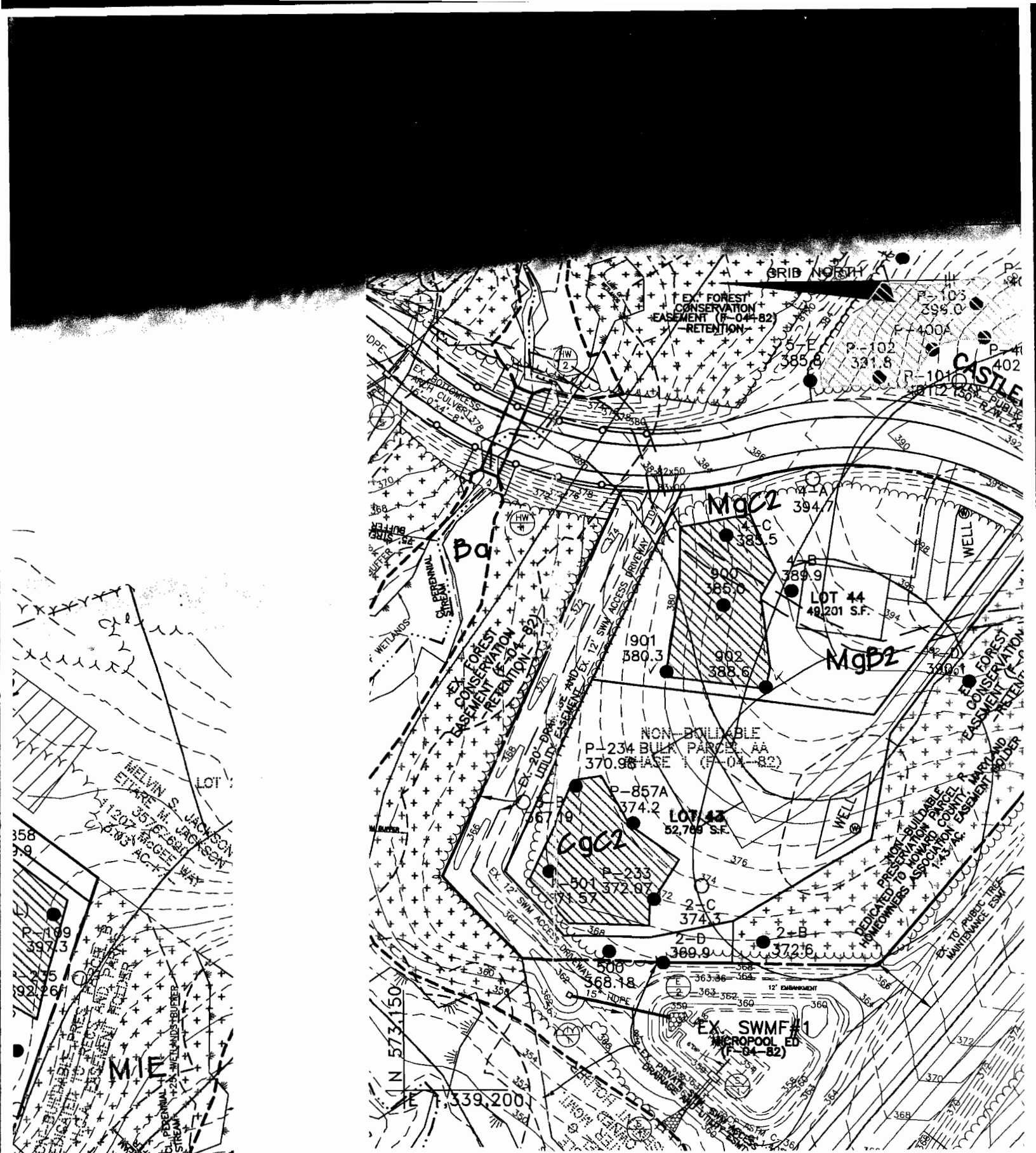
GRID NORTH

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@cats.com

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

PROJECT:		RIVERWOOD LOT 43	
LOCATION:		4805 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 AND BUILDING PERMIT PLAN			
HOUSE TYPE:		GARRETT	
DATE:	DECEMBER, 2010 MARCH, 2011	PROJECT NO.	1950
DESIGN:	JMC	DRAFT:	JMC
SCALE:	1" = 30'	DRAWING	1 OF 1



RESUBDIVISION OF PA

SCALE: 1" = 100'

Signed per cert
1/22/07