

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 HOMEWOOD LOT NO. 55
ROAD AND DESCRIPTION HOMEWOOD 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] MEMBER
(SIGNATURE OF APPLICANT) STEPHEN BIRKBEIN

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

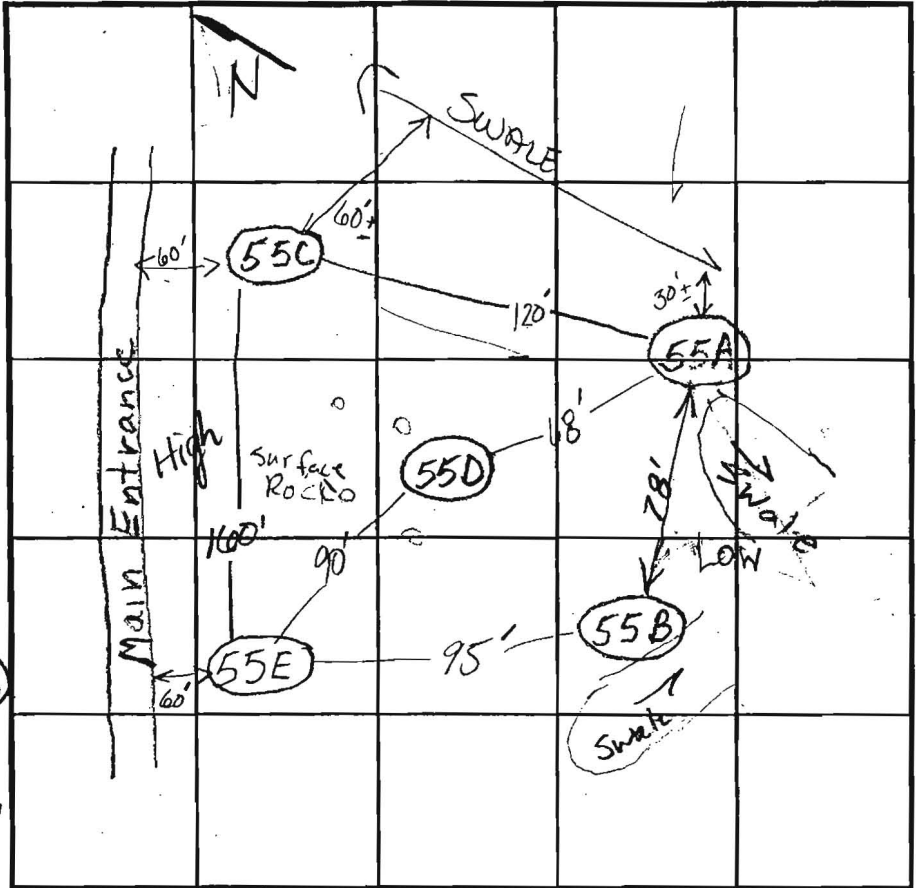
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

516084
COUNTY #

SOIL PROFILE
 0' (55C)
 Strong org brn clw
 4 1/2' Lmy Sand
 SAND
 Strong ybrn wk org brn tan
 Rx
 10-15%
 Bottom
 14'
 (55E) (55A) (55B)
 dk brn
 hvy Lm
 5.5'
 Med Br
 Loamy Sand
 ~5% Rock
 Bottom 14'
 (55E)



SOIL PROFILE
 0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/02	55C	5' 1/4"	10:37:56	10:38:18		10:39:09	50 sec OK
		12x12	10:38	10:39:09		10:41:00	2"
	55D	Refusal @ 5'	Boulders @ 2'		Excessive Rock		(F)
	55A	6' 3"/14'	10:59	11:00	11:00	11:01:20	1 min 20 sec OK
		7.5'	10:59:45	11:03:15	11:03:15	11:08	~5
	55B	4.5'/14'	11:07	11:09		11:12	3 min OK
		5.5'	11:08	11:10		11:12	3 min
	55E	5'	11:19:30	11:28	11:28	11:47	19 OK
		6' 9"/14'	11:19:40	11:21		11:23:30	2 1/2 min

REMARKS Holes per plan
 TYPE OF SOIL _____
 TESTED BY BB/KG ALSO PRESENT HAT FIELDS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

516084

COUNTY #

SOIL PROFILE

56B

Wt rd brn
Rx ≤ 10%

CL Lm
Strong brn
hvy Lm

MED Brn
beige
fine
sand
Rx 5-10%

Bottom

56A

Strong
RDBRN
hvy Lm -
CLM
Rx ≤ 5%

Brn, Hbrn
beige
SAND
Micaceous
Rx 10-15%

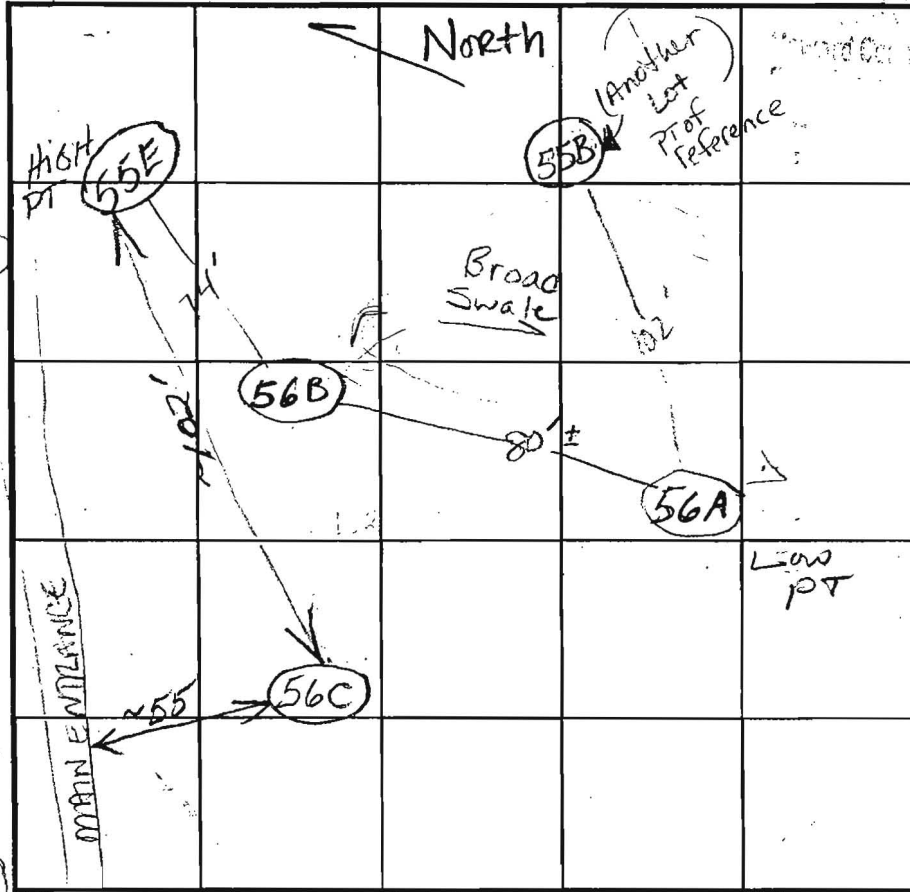
Bottom

56C

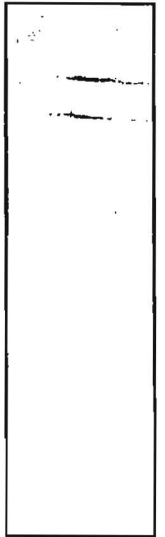
Red Br
Heavy Loam

Light Br
Gravelly
and Sa
Loam
Dense

~10%
Saprolite



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Homewood Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/02	56B	6' 5"	12:50	~15/16"	in 30 minutes		slow
		7 1/2	12:50:30	12:51:35	12:51:35	12:53:00	1 1/2 min OK
	56A	5 1/2	12:56:00	12:59:30	12:59:30	1:05:54	~5 min OK
8/1/02	56C	5' 1/4	12:15	12:17:45	12:17:45	12:22:45	5
		6'	12:15:15	12:16:45	12:16:45	12:18:45	2
		56C Not Staked					

REMARKS: HOKS per plan 56C NOT DUG

TYPE OF SOIL

TESTED BY BB/KG

ALSO PRESENT WATFIELDS

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

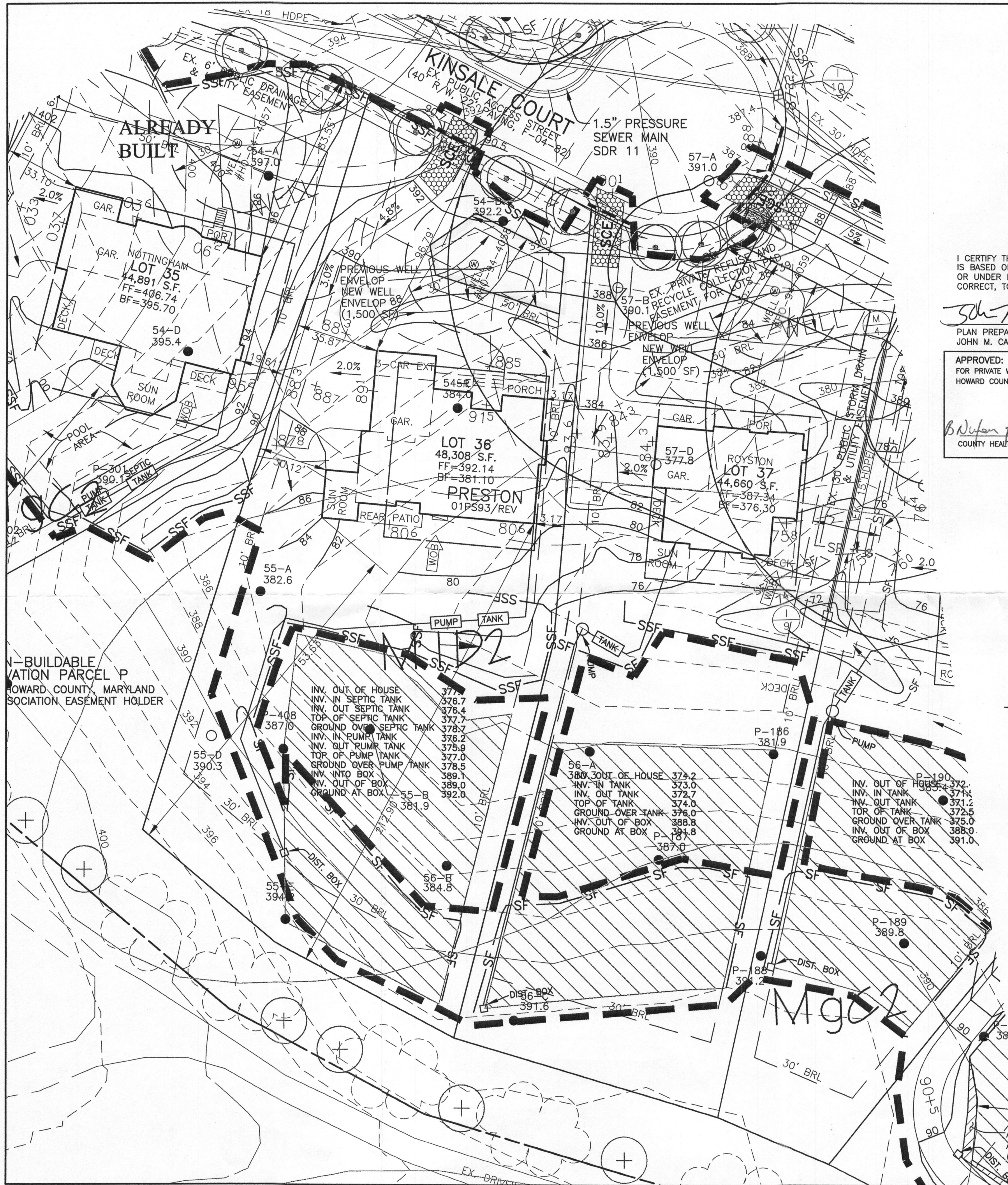
TRENCH WIDTH

14.5" INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

Refer to 71



NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PHASE 1, PLAT No. 18033. 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.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE 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-94-4058, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

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.

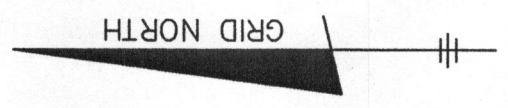
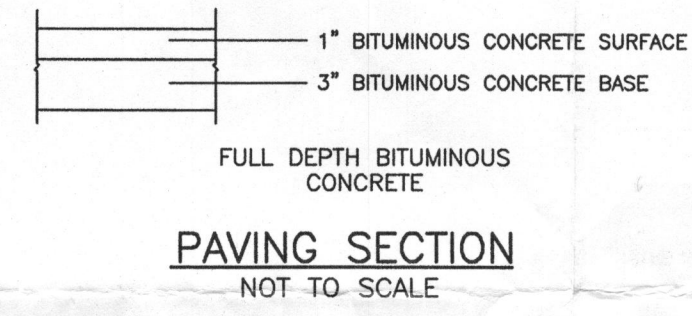
John M. Carney 12/23/08
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

B. Nelson for Peter Bickelsen 1/14/2009
 COUNTY HEALTH OFFICER DATE

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 RESIVED SEPTIC RESERVE AREA



NO.	DATE	REVISION

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
 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 36
LOCATION: 11230 KINSALE COURT ELLICOTT CITY, MD 21042 TAX MAP No. 29 - BLOCK Nos. 3, 4, 9 & 10 - PARCEL No. 20 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	TITLE: PERMIT PLAN AND REVISED PERCOLATION CERTIFICATION PLAN
HOUSE TYPE: PRESTON	DATE: DECEMBER, 2008
DESIGN: JMC	DRAFT: JMC
SCALE: 1" = 30'	PROJECT NO. 1950 DRAWING 1 OF 1

PC 516084