

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Homewood LOT NO. 33/34

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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

011084
COUNTY #

SOIL PROFILE

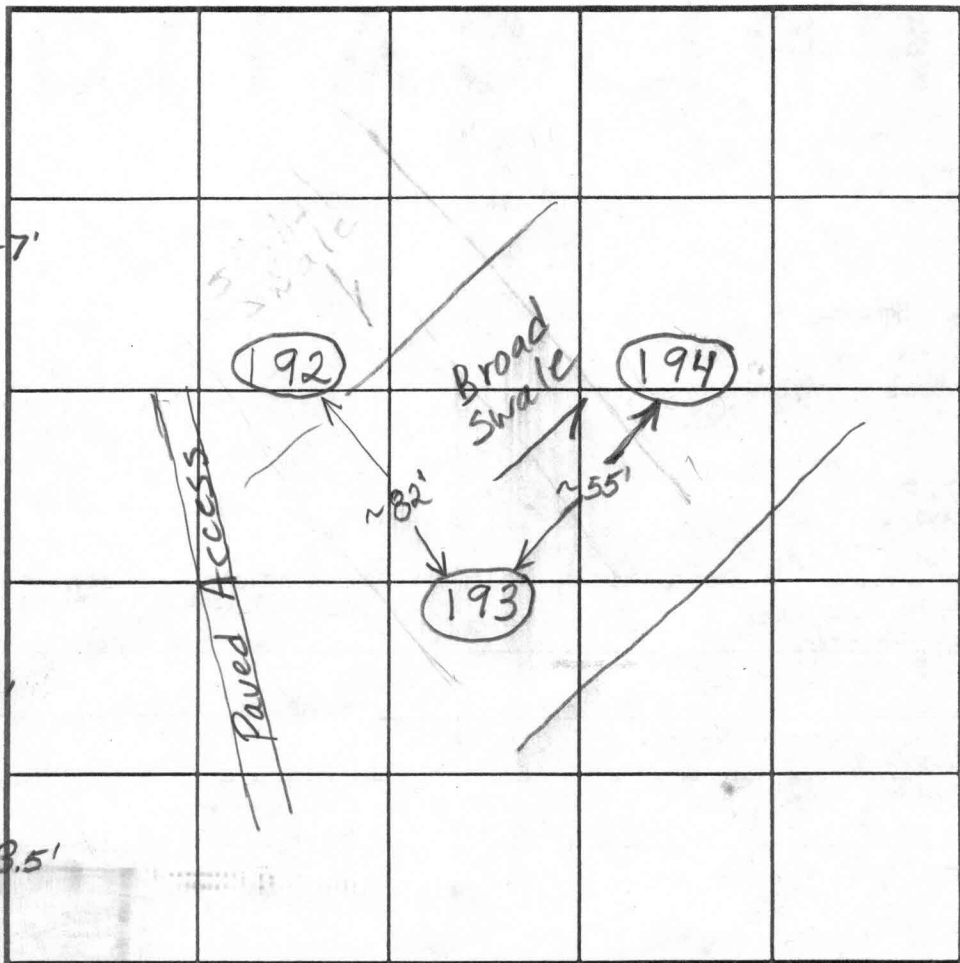
0'
Red Br Heavy Loam 6.5' - 7'
Red and Or Br Loams Less than 10% Rock 8'
Or Br Sa Loam Less than 10% Rock 14.5'

(193)

Red Br Heavy Loam 3' - 3.5'
Red Br Mixture of Loam Si Loam and Sa Loam Less than 10% Rock 7' - 7.5'
Tan Sa Loam ~15% Saprofite 14.5'

(194)

Red Br Heavy Loam 6.5'
Red and Or Br Loams Turning to an Or Br Sa Loam ~15% Rock and Saprofite 14.5'



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	
10/23/02	192	6' / 14.5'	10:21	~ 1/4" in 30 minutes			Slow (F)
		7.5'	10:21:30	10:39:30	10:39:30	~ 7/8" in 30 minutes	Slow (F)
	193	3' / 10" / 14.5'	10:35	Close to 1st inch in 30 minutes			Slow OK
		6.5'	10:35	10:38:30	10:38:30	10:45	6 1/2
		5.5'	10:49	10:51:45	10:51:45	10:57:15	5 1/2
LOTS 33/34	194	6.5' / 14.5'	11:07	~ 15/16" in 30 minutes			Slow (F)
		7.5'	11:08	11:33	11:33	Pulled	Slow (F)

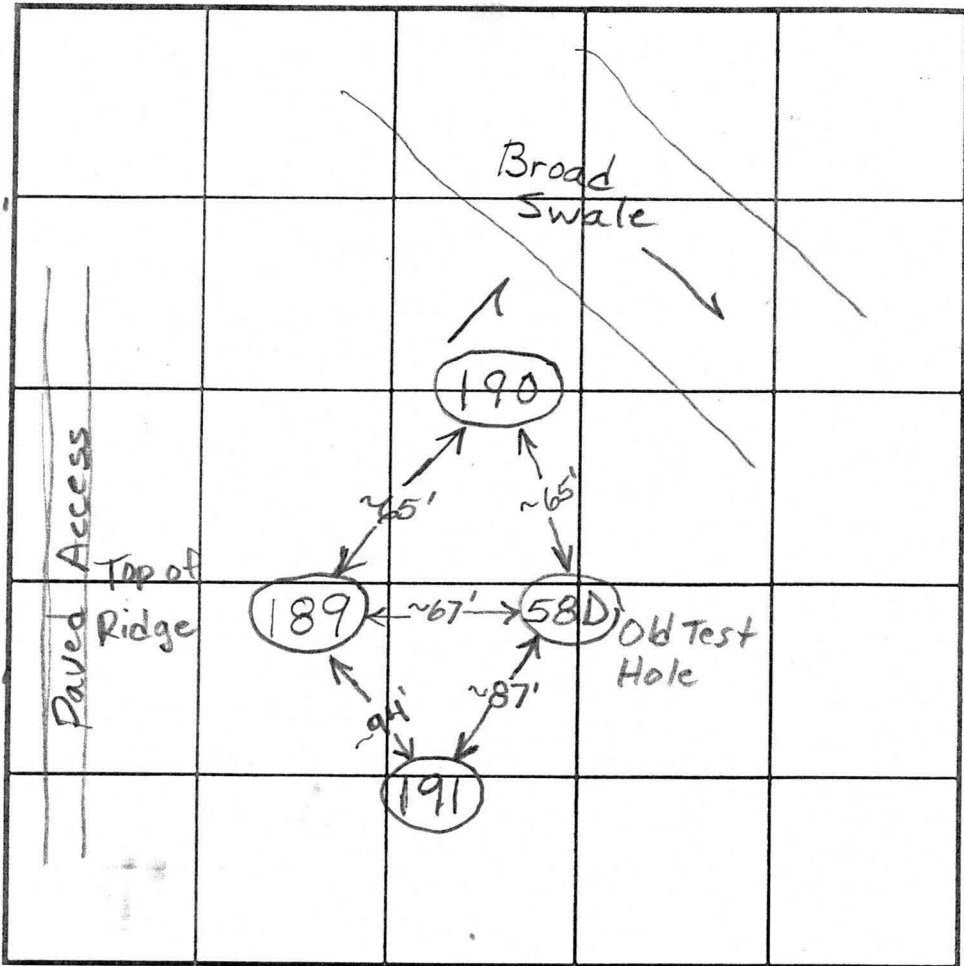
REMARKS _____
 TYPE OF SOIL _____
 TESTED BY B. Baker ALSO PRESENT Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

516084
COUNTY #

SOIL PROFILE
0' (190)
Red Br Loam 2.5'
Light Br Sa Loam
~10% Rock and Saprolicite 14.5'

(189)
Red Br Loam 2.5'
Tan Sa Loam
~10% Rock and Saprolicite 14'

(191)
Red Br Gravelly Heavy Loam 2'-5.5'
or Red Br Sa Loam
~30% Rock and Gravel
A few large pockets of ~50% Rock Below 7.5' 15.5'



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			
10/22/02	190	3.5'/14.5'	2:17:30	2:18:50	2:18:50	2:21:30	~2 1/2	OK	
		6.5'	2:18	2:19:10	2:19:10	2:21:10	2		
	189	3.5'/14'	2:29	2:32	2:32	2:38	6	OK	
		6'	2:28:45	2:30:15	2:30:15	2:32:25	~2		
10/23/02	191	4'/15.5'	9:56:30	10:01:40	10:01:40	10:08	~8 1/2	OK	
		7.5'	9:57	9:58:10	9:58:10	10:00:20	~2		
		Bottom	Not Extremely Fast						
			Probably o.k. for Shallow System						

REMARKS: Easement May Be Less Than 25' to >25%
 TYPE OF SOIL: Slopes, Need Field Run Topo.
 TESTED BY: B. Baker ALSO PRESENT: Hatfields
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

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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.

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (409)

Red Br Heavy Loam 2'-3.5'

Or Br Loam ~40% Gravel 6.5'-8'

Med Br Sa Loam 15-20% Rock and Saprolite 15'

(410)

Red Br Heavy Loam ~5% Rock 6.5'-7.5'

Red Br Loam ~10% Rock 8.5'

Med Or Br Sa Loam ~20% Saprolite A Small Vein of ~30% Rock Below 25' 14' 3"

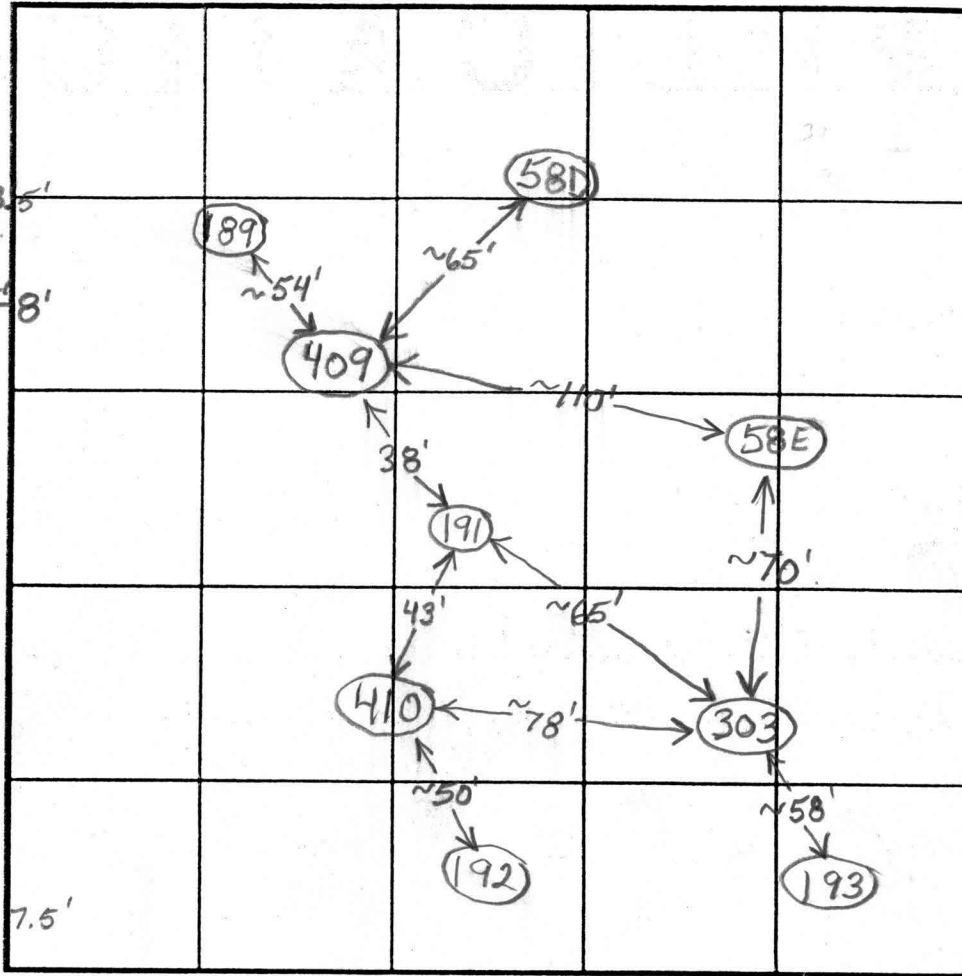
(303)

Red Br Heavy Loam 4.5'-5'

Red Br and Or Br Loam 15-20% Rock 6.5'

Or Br Loam and Or Br Sa Loam ~20% Rock 8'

Or Br Sa Loam ~25% Rock 14' 2"



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		
3/26/03	409	3'10"/15'V	10:40:15	11:04	11:04	11:26	22	O.K.
		7'	10:41:30	10:49:45	10:49:45	10:58:45	9	
	410	7'/14'3"	11:02	11:11	11:11	11:26	15	O.K.
	303	6'10"/14'3"	11:27	11:36	11:36	11:46	10	O.K.

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Baker / F. Alfonso ALSO PRESENT _____

TRENCH DESIGN DATA. AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

14' 2" INLET DEPTH

MAXIMUM BOTTOM DEPTH

SO FT BEDROOM

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR RIVERWOOD, PHASE 1, PLAT Nos. 18031 - 18045 OR PHASE 2, PLAT Nos. 19720 - 19726. 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 DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER 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. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
4. SEPTIC TANK FOR THIS LOT TO BE 2,000 GALLONS.
5. THE EXISTING WELL SHOWN ON THIS PLAN, HO-94-4061, 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 7/25/08
 PLAN PREPARER
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

Richard J. Davis 8/7/08
 COUNTY HEALTH OFFICER SS DATE

LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-04-082
- ⊙ FIELD SURVEYED WELL LOCATION
- 7001A ● PASSED PERCOLATION TEST PER CERTIFICATION PLANS
- 402.8 ● PASSED PERCOLATION TEST PER CERTIFICATION PLANS
- 62-A ○ FAILED PERCOLATION TEST PER CERTIFICATION PLANS
- 397.1 ○ FAILED PERCOLATION TEST PER CERTIFICATION PLANS
- SM-32 ● FAILED SAND MOUND TEST PER CERTIFICATION PLANS
- 397.1 ● FAILED SAND MOUND TEST PER CERTIFICATION PLANS

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
 www.bei-civilengineering.com

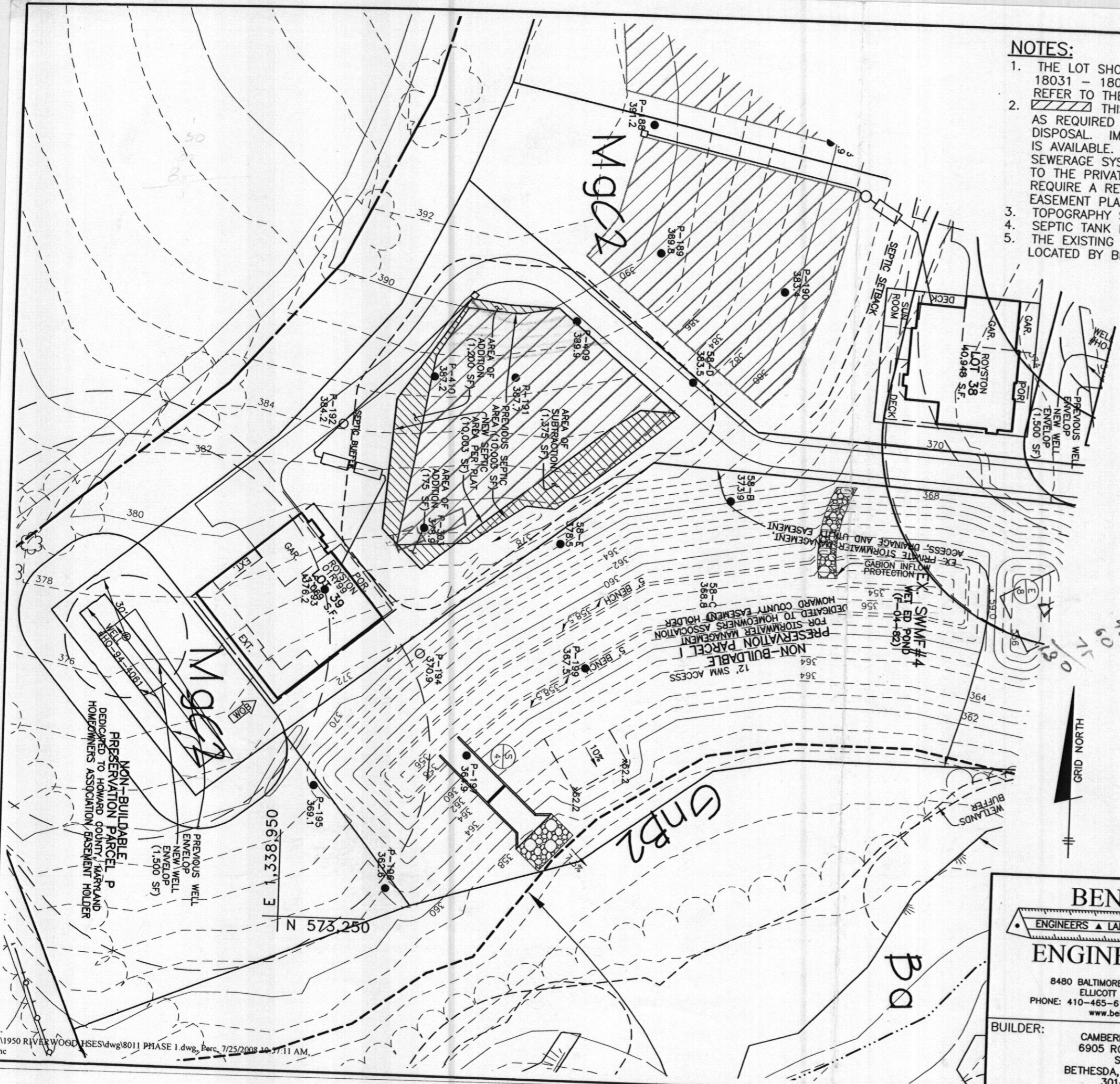
BUILDER:
 CAMBERLEY HOMES, INC.
 6905 ROCKLEDGE DRIVE
 SUITE 800
 BETHESDA, MARYLAND 20817
 301-803-4929

**RIVERWOOD
 LOT 39**

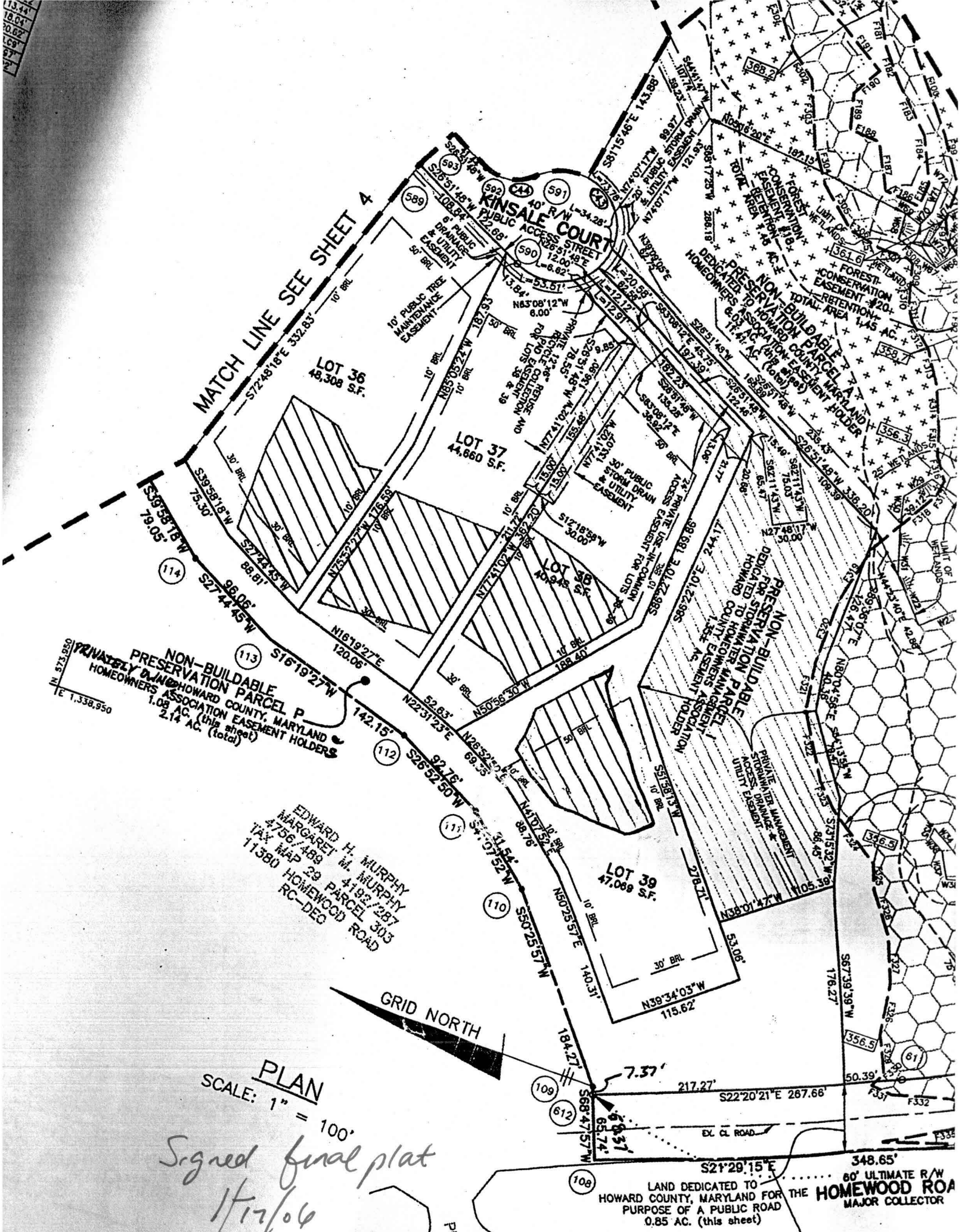
11242 KINSALE COURT
 ELLICOTT CITY, MD 21042
 TAX MAP 29, GRIDS 3, 4, 9 & 10 - PARCEL 20
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

**REVISED
 PERCOLATION CERTIFICATION PLAN**

DATE:	JULY 25, 2008	PROJECT NO.	1950
SCALE:	1" = 50'	DRAWING	1 OF 1



13.44
18.04
10.62
1.69
6.7
7



MATCH LINE SEE SHEET 4

LOT 36
48,308 S.F.

LOT 37
44,680 S.F.

LOT 39
47,069 S.F.

NON-BUILDABLE
PRESERVATION PARCEL P
HOWARD COUNTY, MARYLAND
PRIVATELY OWNED HOMEOWNERS ASSOCIATION EASEMENT HOLDERS
1.08 AC. (this sheet)
2.14 AC. (total)

EDWARD H. MURPHY
MARGARET M. MURPHY
4756 489 4193 287
TAX MAP 29 PARCEL 303
11380 HOMEWOOD ROAD
RC-DEG

GRID NORTH

PLAN
SCALE: 1" = 100'

Signed final plat
1/12/06

LAND DEDICATED TO
HOWARD COUNTY, MARYLAND
PURPOSE OF A PUBLIC ROAD
0.85 AC. (this sheet)

60' ULTIMATE R/W
FOR THE HOMEWOOD ROAD
MAJOR COLLECTOR

