

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 PHONE (410) 465-4244
21041

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

COUNTY #

SOIL PROFILE

(808)

Br Loam
and Topsoil

2'

Light

Br

Sa Loam

~25%

Rock

13'

(807) (806)

Red Br Si Cl
Loam and
Topsoil

2'

Red Br Si
Cl Loam and
Sa Loam,
Mottled,
Very Little
Rock

5'

Light Br
Sa Loam35-40%
Rock

12.5'

(805)

Red Br
Si Cl Loam

3'4"

Brigc
Sa Loam

~50%

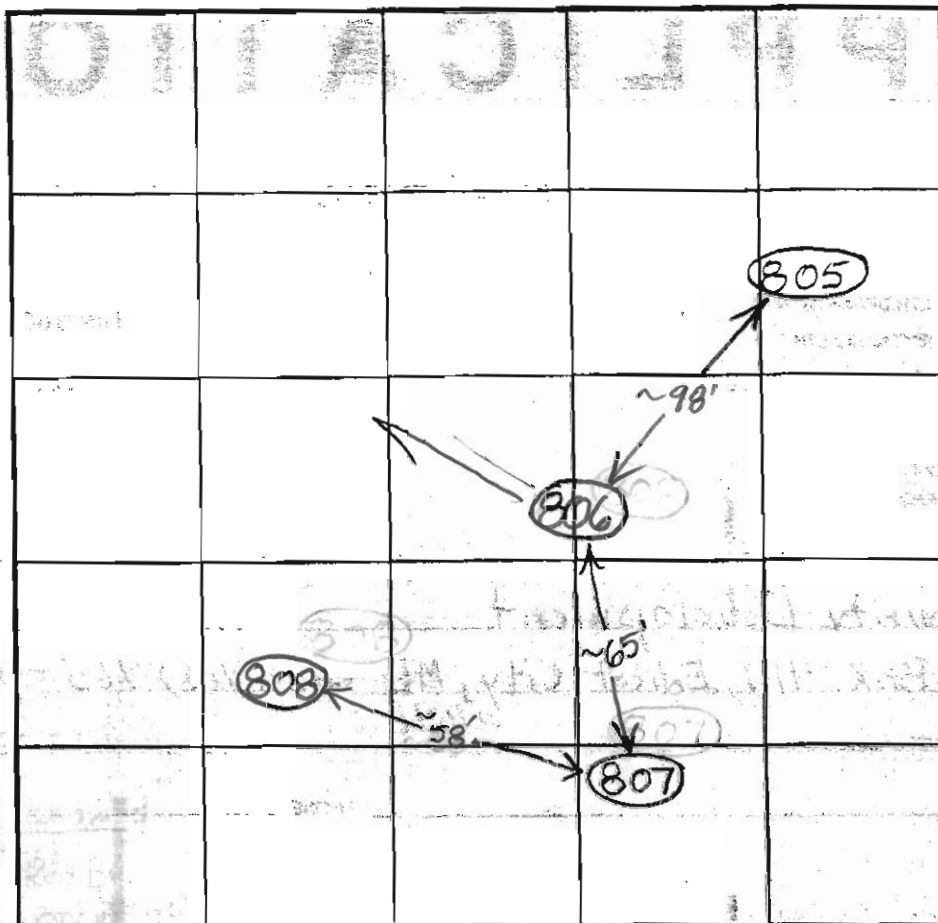
Rock

Hard
Bottom

11.5'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1' DROP START	TEST - 1' DROP STOP	TIME	
12/18/03	808	3' / 13' V	1:54:30	1:55:30	1:55:30	1:57:30	2	O.K.
		7'	1:51:45	1:52:45	1:52:45	1:54:15	1 1/2	
	Repour	7'	1:56:15	1:58:15	1:58:15	2:00:30	2+	
	807	4' / 12.5' V	2:05	4" H/c Movement in 10 minutes			Slow	O.K.
		6.5'	2:07	2:08	2:08	2:09:50	~2	
		5'	2:22	2:24	2:24	2:27:30	3 1/2	
	806	3.5' / 12.5' V	2:30	2:33	2:33	2:39	6	O.K.
	12" x 12"	6'	2:35:30	2:36:30	2:36:30	2:38	1 1/2	
	Repour	6'	2:40:50	2:42:30	2:42:30	2:44:20	1 min 50 sec	
	805	4' / 11.5' V	2:47:30	2:49	2:49	2:51:40	2 1/2	(F)
		6.5'	2:47:45	2:49:15	2:49:15	2:51:55	2 1/2	

REMARKS

TYPE OF SOIL

TESTED BY B. Baker

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ FT/BEDROOM

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THIS IS NOT A PERMIT

SOIL PROFILE

0'

0

Topsoil and
Or Br Loam

Med Br
Sa Loam
w 40% Platy
Rock

Med Br
Sa Loam
~30%
Rock

2-2.4

65-71

14.5

32B

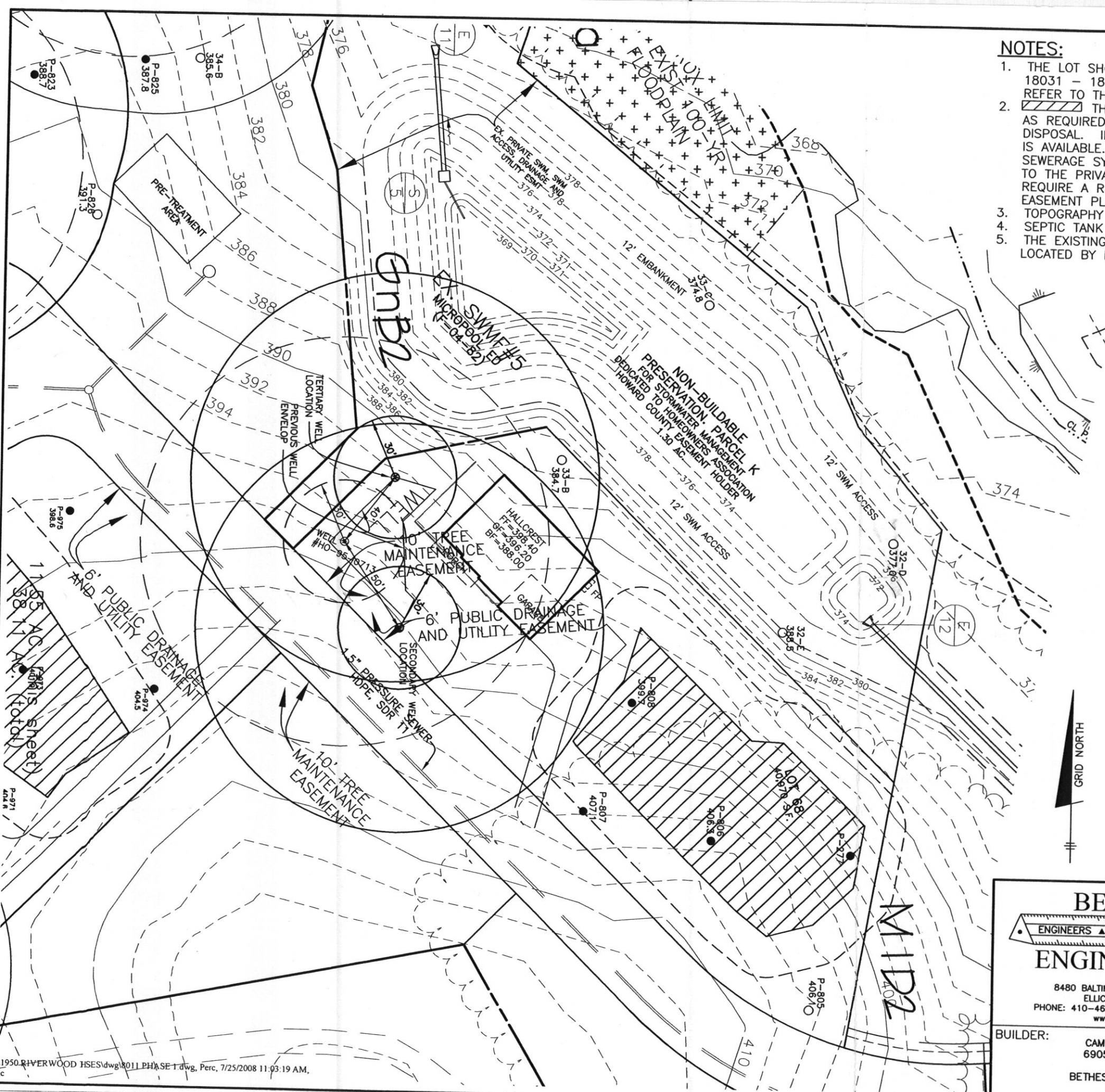
277

279

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

[illegible]

REMARKS Topography in Area Will Be Difficult to
TYPE OF SOIL Work with
TESTED BY B. Baker / F. Alfonso ALSO PRESENT _____
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 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. XXXX 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 SEWAGE 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-95-0713, HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.

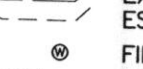



I CERTIFY THAT THE INFORMATION SHOWN HEREON
IS BASED ON FIELD WORK PERFORMED BY ME
OR UNDER MY DIRECT SUPERVISION, AND IS
CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.


PLAN PREPARER
JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

05 Michael J Davis 8/3/08
COUNTY HEALTH OFFICER DATE

LEGEND

- 
- | | |
|---|------------------------------|
|  | EXISTING CONTOURS |
|  | ESTABLISHED UNDER F-04-082 |
|  | FIELD SURVEYED WELL LOCATION |
| 7001A
402.8 | PASSED PERCOLATION TEST |
| 62-A
397.1 | PER CERTIFICATION PLANS |
| SM-32
397.1 | FAILED PERCOLATION 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 68

11220 WHITHORN WAY
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	<u>1</u> OF <u>1</u>

