

APPLICATION

PERCOLATION TESTING

A 515042

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4-13-01

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 Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. _____

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 310 acres +/- 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. Natalie Ziegler
(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

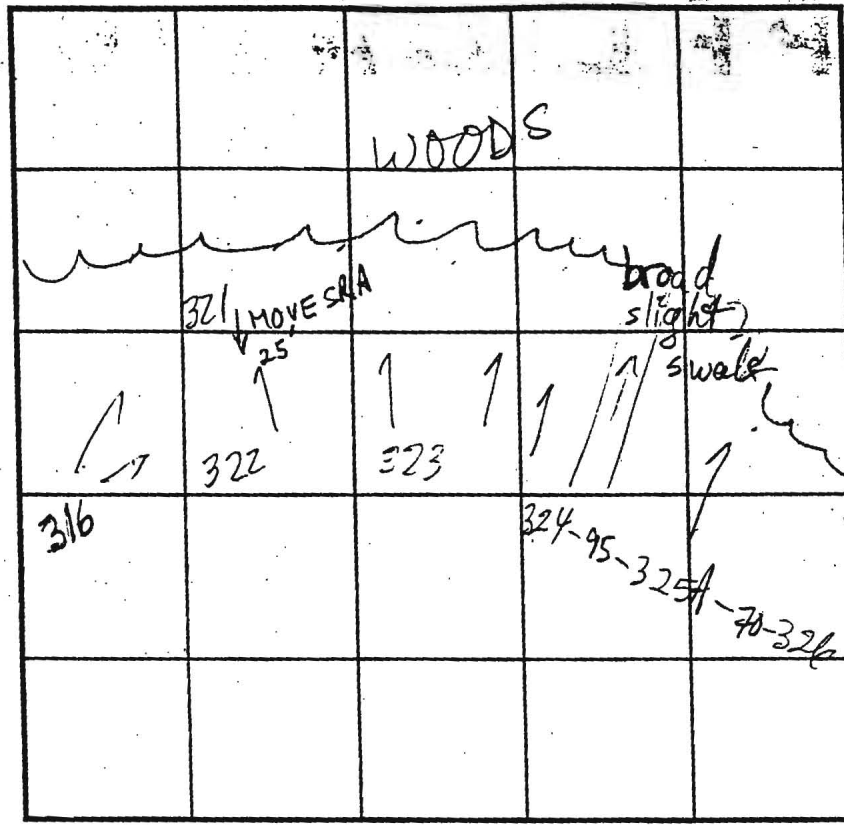
312a
 brn red
 cl lm
 5-20%
 frags
 4 gray wh.
 sand
 20-25% fr
 6 brn tan
 sa m
 15-20% fr
 10 brn tan
 sa lm
 10-15% fr
 14

321

1/2
 brn tan
 sacl lm
 tan gray
 wh sa
 25
 20%
 15%
 10
 4m sa m
 15-20% fr
 13 1/2
 ARD BOT

322

4 1/2
 brn
 sacl lm
 10-35%
 frags
 brn
 sa m
 10-35%
 frags
 13
 ARD BOT



SOIL PROFILE

329
 brn
 sacl lm
 3-3 1/2
 tan
 gray
 sa
 35-40%
 frags
 15%
 10-25%
 frags
 13 1/2
 324 325A
 brn sacl lm
 15% frags
 324
 brn tan
 gray sa m
 10-15%
 frags
 14

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/31/91	316	6' / 14	10:25	10:26	10:26	10:27	1 MAR 6
	321	4' / 15 1/2	10:28	10:30	10:30	10:33	3
	322	5 1/2' / 13	10:31	10:39	10:39	10:53	14
	323	4 1/2' / 13 1/2	10:38	10:42	10:42	10:45	3
	324	5' / 14	11:22	11:24	11:24	11:27	3
	326	5' / 14 1/2	10:55	10:58	10:58	11:04	6
	325A	13 1/2' / 3 1/2 cl	ADJUSTED FROM		PLAN LOC		

REMARKS 325A NOT PER PLAN; OTHERS PER PLAN

TYPE OF SOIL

TESTED BY Mack Kifkin ALSO PRESENT Chuck Crow Mike S. Crow

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

0' 50

6" top soil

2.5' dk ag. lom
cl lm

3' H org
brn
sa mica
lm

6-15% rock

12' refusal

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	
5-29-01	656	4.5' S	1:12 ₃₃	1:13 ₃₃	1:13 ₃₃	1:15	2
		12.0' D	refusal	- see	profile		OK

REMARKS hole tested as staked

TYPE OF SOIL _____

TESTED BY DKC DUE TO DROUGHT CONDITIONS, APPROVABLE HOLES MUST HAVE 8 FEET FROM OBSERVED GROUNDWATER TO BOTTOM OF PROPOSED SEPTIC SYSTEM

TRENCH DESIGN DATA: AVERAC _____

INLET DEPTH _____ MA _____

SENT M. Johnson + crew

TRENCH WIDTH _____

EDROOM _____

COUNTY #

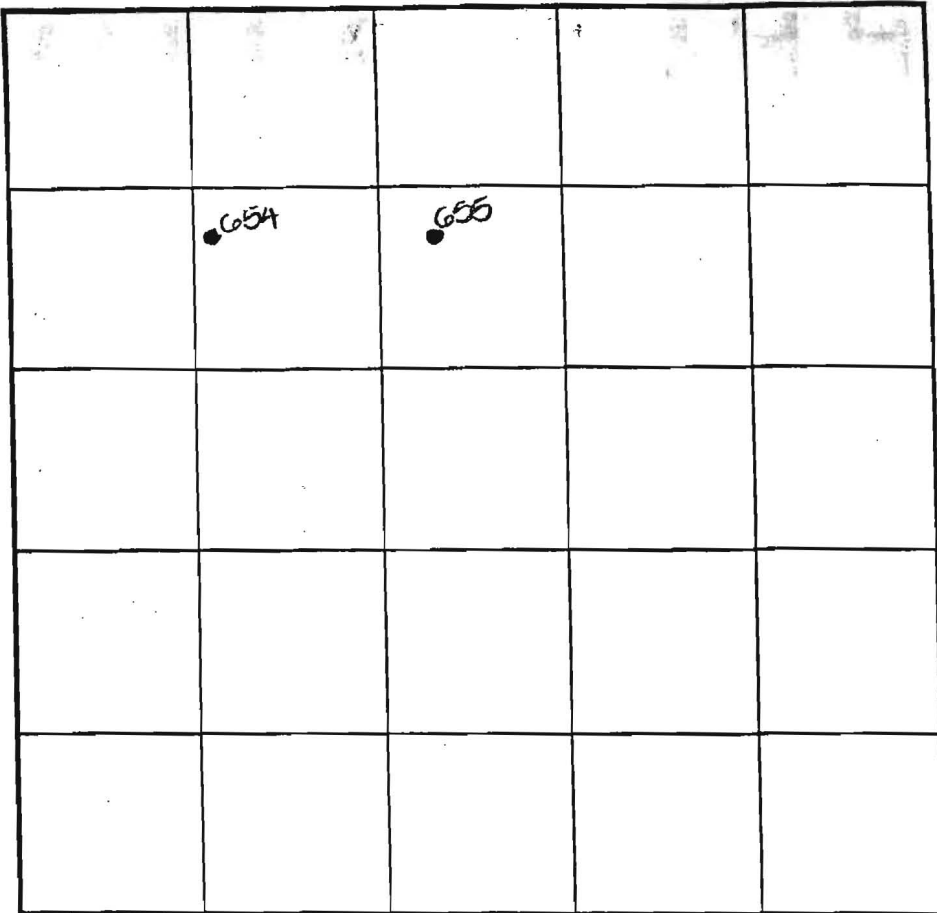
SOIL PROFILE

0' 655
 6" top soil
 dk org bn
 u lm
 5.5' Lt org
 bn
 sa mica
 lm
 25%
 rock
 12' Refusal

0' 654
 1" top soil
 red org
 bn
 cl lm
 5' Lt to
 med red
 bn
 sa mica
 lm
 15%
 rock
 12.8'

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	
5-29-01	655	5.5' S	1:20	less than 1"	2:03	—	OK below
		12.0' D	Refusal				OK
	654	5.0' S	2:07	slow	test stopped	—	OK below
		13.8" D	visual	- Soc	profile		OK

REMARKS _____

TYPE OF SOIL _____
 TESTED BY DCC DUE TO DROUGHT CONDITIONS,
 TRENCH DESIGN DAT. APPROVABLE HOLES MUST HAVE 8
 INLET DEPTH _____ FEET FROM OBSERVED
 GROUNDWATER TO BOTTOM OF
 PROPOSED SEPTIC SYSTEM

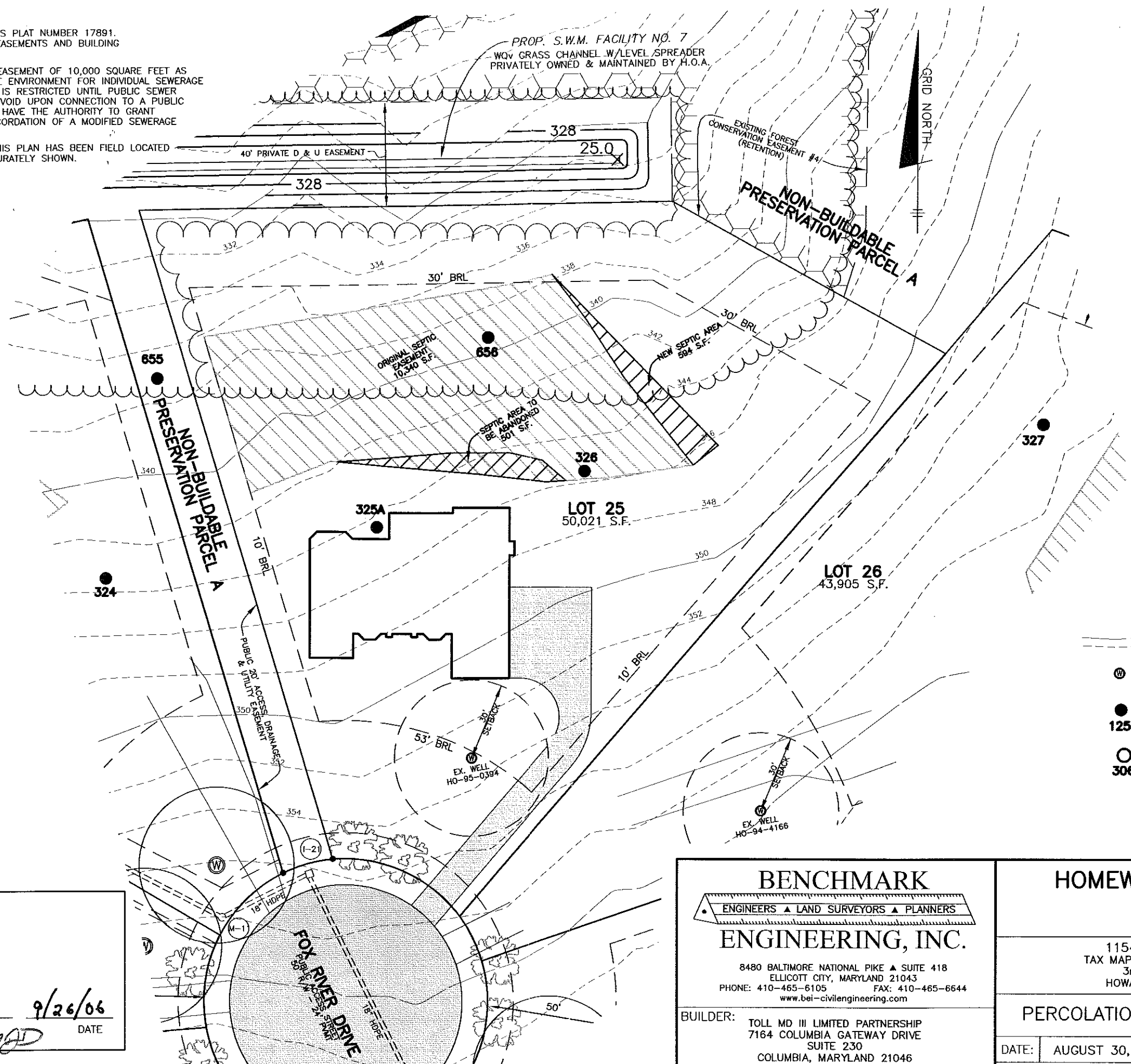
ALSO PRESENT M. Johnson
Owners
 TRENCH WIDTH _____
 SQ. FT/BEDROOM _____

NOTES:

1. THE LOT SHOWN HEREON WAS RECORDED ON 12-13-05 AS PLAT NUMBER 17891. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.

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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.

3. THE EXISTING WELL (TAG NO. HO-95-0394) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 8-29-06 AND IS ACCURATELY SHOWN.



LEGEND

- EXISTING CONTOURS ESTABLISHED UNDER F-05-031
- FIELD SURVEYED WELL LOCATION
- PASSED PERC HOLE PER SP-02-013
- FAILED PERC HOLE PER SP-02-013

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

Robert J. Weber
COUNTY HEALTH OFFICER

9/26/06
DATE

st MAD

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
www.bei-civilengineering.com

HOMEWOOD CROSSING
LOT 25

11542 FOX RIVER DRIVE
TAX MAP 29, GRID 9 - PARCEL 28
3rd ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

BUILDER: TOLL MD III LIMITED PARTNERSHIP
7164 COLUMBIA GATEWAY DRIVE
SUITE 230
COLUMBIA, MARYLAND 21046
410-872-9105

PERCOLATION CERTIFICATION PLAN

DATE:	AUGUST 30, 2006	PROJECT NO.	1913
SCALE:	1" = 40'	DRAWING	1 OF 1