

APPLICATION

PERCOLATION TESTING

A _____

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 _____ LOT NO. 21

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 _____

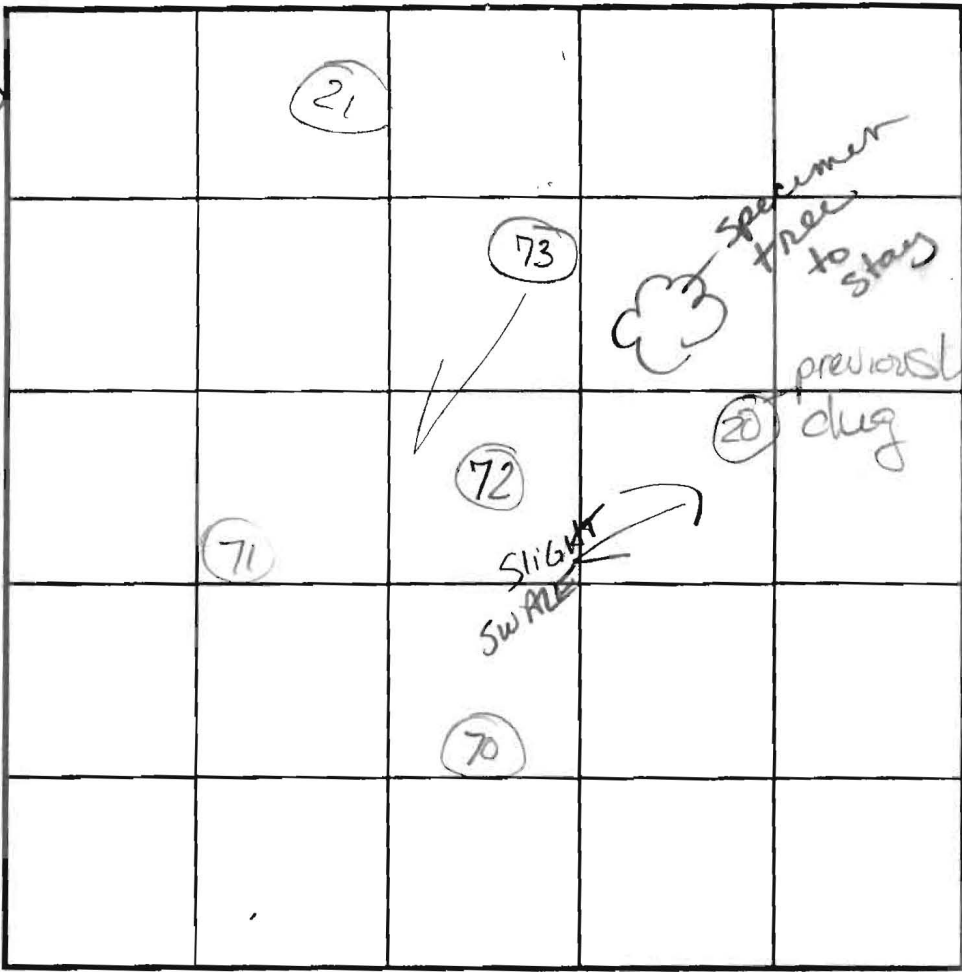
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

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

THIS IS NOT A PERMIT

516045
COUNTY #

SOIL PROFILE
73 70 71
0'
Topsoil 12"
org brn
CL Lm
3'
Brn
Si Lm
Rx 5-10%
5'
tan
SLm
Rx
10-20%
15'



SOIL PROFILE
0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

72 71
Topsoil 12"
org brn
CL Lm
3'
Brn Si Lm
5'
tan sand
15-25% frags
Bottom 15'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4-15-02	73	5'6" S	3:20	3:22	3:22	3:25 ³⁰	3 1/2 min	OK
		15' V						
	72	5' S	3:29 ⁰⁰	3:31	3:31	3:34 ³⁰	3 1/2 min	OK
		15' V						
	71	5 1/2' S	3:32 ⁵⁵	3:34 ⁵⁰	3:34 ⁵⁰	3:38	3 1/2 min	OK
		15' S						
	70	10' S	3:36 ¹⁹	3:38	3:38	3:41 ⁵⁰	3 1/2 min	OK
		14'						

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

15-020

518045

FREDERICK RD

COUNTY #

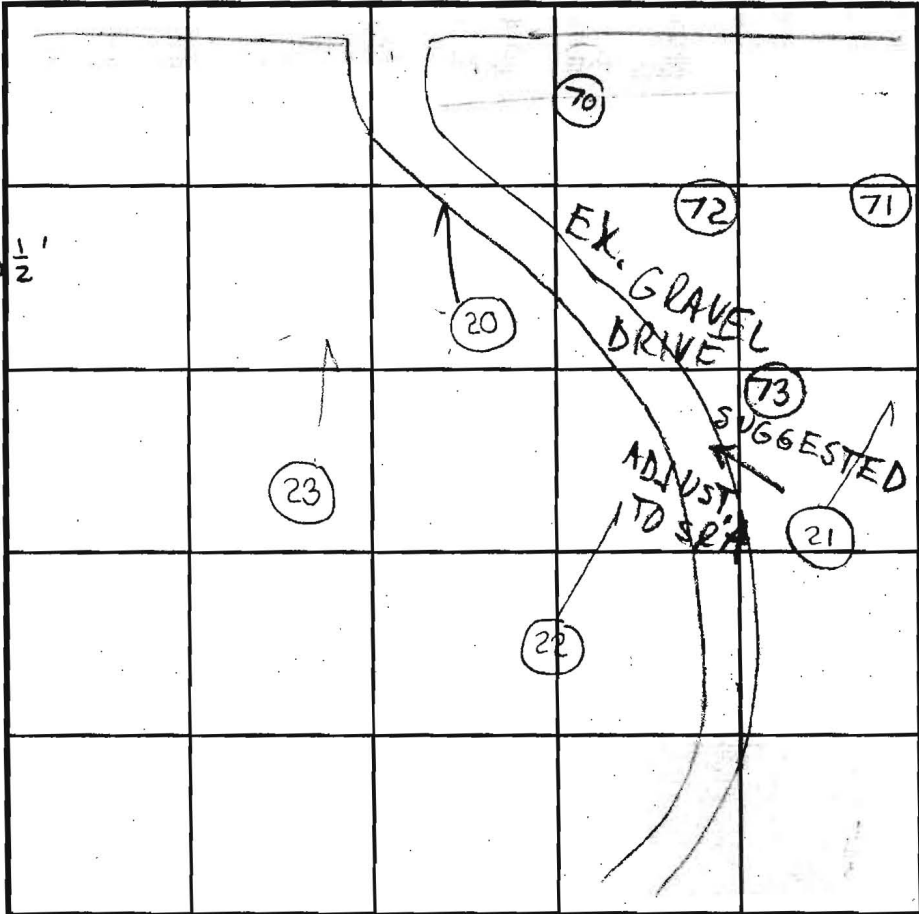
SOIL PROFILE

0' **(22)**
 Topsoil
 hvy org
 lm-cllm
 TRANSITION 2 1/2' - 3 1/2'
 Pink
 beige
 tan
 Sa Lm
 Rock
 Frag/Saprolite
 5-10%
 Bottom 14'

(21)
 Topsoil 6"
 Dense
 Strong org
 brn
 Rd cllm
 5'6"

Strong
 brn
 SANDY Lm
 platy
 Structure
 30-35%
 Bottom 14'

(20)
 Topsoil 1 1/2'
 rd brn
 beige Strong brn
 Platy soil
 Structure
 Rock ~ 5-10%
 5 1/2'
 beige
 brn
 SLm
 Rock
 Frags
 mn on rock
 faces
 10-20%
 Bottom 14 1/2'



SOIL PROFILE

0' **(23)**
 4" Topsoil
 hvy
 Strong org
 brn
 hLm
 5 1/2'
 Sandy Lm
 10-15%
 hard
 Saprolite
 org brn
 15' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/6/01	(22)	7' S	3:11 ⁵⁰	3:13 ¹⁴	3:13 ¹⁴	3:17	4 min
		14' D	—————>				OK
	(21)	7' S	3:44 ³⁰	3:45 ⁴⁷	3:45 ⁴⁷	3:49 ¹⁶	4 min
		14' D	—————>				
	(20)	6 1/2' S	3:36 ⁰⁰	3:37 ³⁰	3:37 ³⁰	3:41	4 1/2
		14 1/2' D	—————>				OK
	(23)	6 1/2' S	3:21 ³⁸	3:23 ⁰⁰	3:23 ⁰⁰	3:26 ⁰⁰	3 min
		15' D	—————>				OK

REMARKS HOLES PER PLAN

TYPE OF SOIL _____

TESTED BY KG/SRK ALSO PRESENT HELPER (Roberto)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH HATFIELDS

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



SOILS LEGEND		
MAP SYMBOL	SOIL GROUP	SOIL TYPE
[Symbol]	B	CHESTER GRAVELLY SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
[Symbol]	B	CHESTER GRAVELLY SILT LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED
[Symbol]	B	CHESTER SILT LOAM, 0 TO 3 % SLOPES
[Symbol]	B	CHESTER SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
[Symbol]	B	CHESTER SILT LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED
[Symbol]	B	CHESTER SILT LOAM, 15 TO 25 % SLOPES, MODERATELY ERODED
[Symbol]	B	COMUS SILT LOAM
[Symbol]	C	ELIOAK SILT LOAM, 3 TO 8 % SLOPES, MODERATELY ERODED
[Symbol]	C	ELIOAK SILT LOAM, 8 TO 15 % SLOPES, MODERATELY ERODED
[Symbol]	C	ELIOAK SILT LOAM, 15 TO 25 % SLOPES, MODERATELY ERODED
[Symbol]	C	ELIOAK SILTY CLAY LOAM, 15 TO 25 % SLOPES, SEVERELY ERODED

* INDICATES HYDRIC SOILS
TAKEN FROM SOILS SURVEY, ISSUED JULY 1988, MAP NO. 7

GENERAL NOTES

- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER 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 REQUIRED.
- UNLESS OTHERWISE SHOWN NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
- EXACT LENGTH OF SEPTIC TRENCHES IS TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
- TOPOGRAPHY SHOWN HEREON WAS PURCHASED FROM HOWARD COUNTY, GEOGRAPHICAL INFORMATION SYSTEMS BY BENCHMARK ENGINEERING, INC. AND FIELD VERIFIED.
- ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF FINAL PLAT FOR SIGNATURE. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENTAL DELAY" IF THE WELL DRILLING DELAYS THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
- GROUND WATER APPROPRIATION PERMIT SHALL BE OBTAINED PRIOR TO SUBMITTAL OF RECORD PLAT FOR SIGNATURE.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

LEGEND

- SOILS CLASSIFICATION
SOILS DELINEATION
EXISTING CONTOURS (FIELD RUN)
LIMIT OF WETLANDS
EXISTING WOODS LINE
PROPOSED WOODS LINE
EXISTING STRUCTURE
PROPOSED SEPTIC FIELD
PROPOSED SEPTIC FIELD
SLOPES 15% TO 24.9%
SLOPES 25% OR GREATER
EX. 100 YEAR FLOODPLAIN
FOREST
CONSERVATION EASEMENT
PERCOLATION TEST PASSED
PERCOLATION TEST FAILED

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 E-MAIL: bal@bel-civilengineering.com					
DEVELOPER/OWNER LOT 4: DR HORTON, INC 15810 GATHER DRIVE, SUITE 220 GAITHERSBURG, MD 20877 1-301-670-6144			PROJECT: VISTA RIDGE A RESUBDIVISION OF LOTS 1-4, CREATING LOTS 5 THRU 21, AND PRESERVATION PARCELS "A" THROUGH "D"		
OWNER LOT 1: HECTOR HANNIBAL AND TANYA SELLERS-HANNIBAL 14450 FREDERICK ROAD COOKSVILLE, MD 21723			LOCATION: TAX MAP No. 8 - GRID No. 23 PARCEL No. 176 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
OWNER LOT 2: STEVEN AND JULIE CHU 14460 FREDERICK ROAD COOKSVILLE, MD 21723			TITLE: REVISED PERCOLATION CERTIFICATION PLAN		
OWNER LOT 3: ROBERT AND PHYLLIS BULL 14470 FREDERICK ROAD COOKSVILLE, MD 21723			DATE: SEPTEMBER, 2007 PROJECT NO. 1490 SCALE: 1" = 100' DRAWING 10 OF 10		

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 Carney 9/26/07
 PLAN PREPARER: JOHN CARNEY FOR BENCHMARK ENGINEERING, INC. DATE:

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
Robert Peter Beilman 10/22/2007
 COUNTY HEALTH OFFICER DATE:

TENTATIVELY APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY

Paul D. Doyle 11/9/07
 PLANNING DIRECTOR DATE: