

# APPLICATION

## PERCOLATION TESTING

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

A \_\_\_\_\_  
P \_\_\_\_\_  
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 Curtis Prop LOT NO. 3

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 \_\_\_\_\_

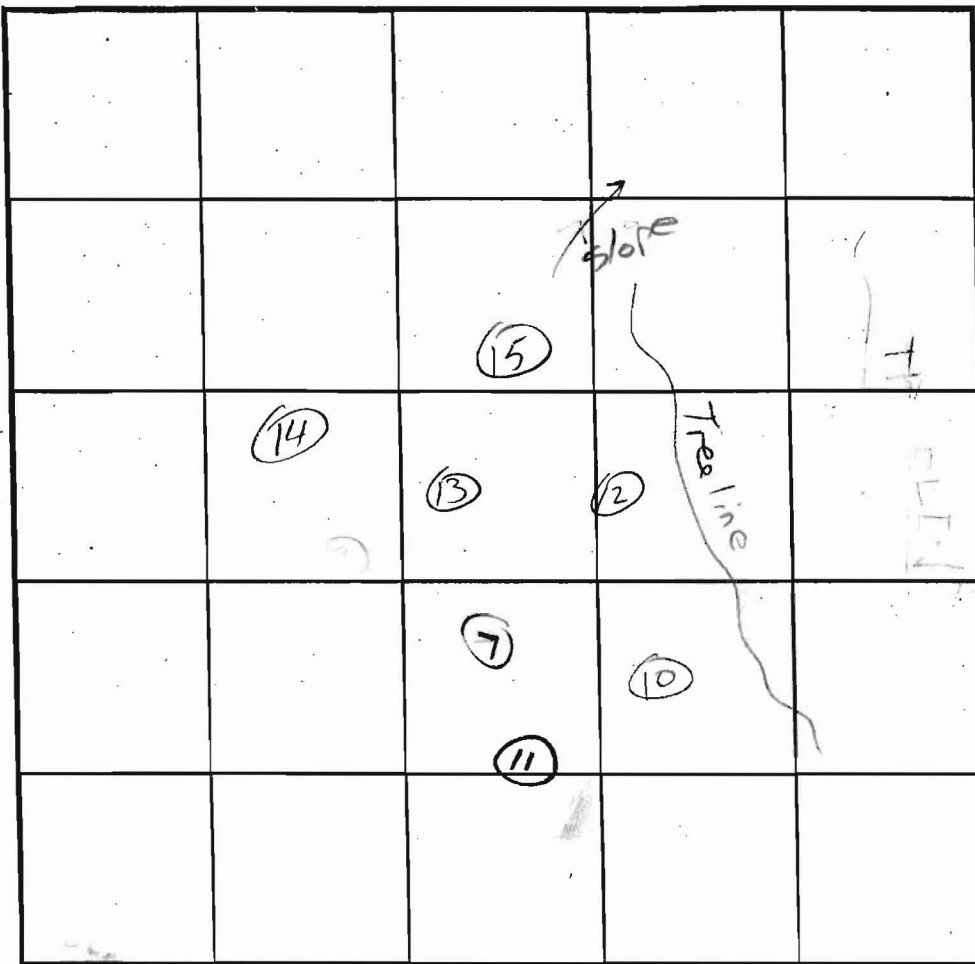
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'  
 reddish brown  
 L  
 3 1/2'  
 Fine micaceous red brown  
 SL w/ 5% channery rock frags + 5% weak saprolite  
 14'



SOIL PROFILE

P 14  
 reddish brown  
 L  
 2 1/2'  
 Fine micaceous  
 SL w/ 10% weak saprolite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/12/02	P-13	14v	Visual hole similar to		7/14	2-7	OK	
6/12/02	P-14	4'6" 13v	2:44:15	2:48:30	2:48:30	2:58:30	10	OK
	P-15	4 13v	3:01:30	3:03:15	3:03:15	3:05:30	2'15"	OK

P 15  
 Heavy red brown  
 L  
 2 1/2'  
 red brown fine micaceous  
 SL w/ 5% channery rock frags + 10% black saprolite

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Chester  
 TESTED BY J. Boris ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# 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 5

DATE 3-8-02

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 Thomas C. Curtis and Betty Jean Curtis

ADDRESS 13471 Triadelphia Mill Rd., Clarksville, MD 21029 PHONE 301-854-2141

AGENT OR PROSPECTIVE BUYER Highland Development Corporation, Richard J. Demmitt, President

ADDRESS PO Box 228, Clarksville, MD 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Curtis Property LOT NO. 3

ROAD AND DESCRIPTION Triadelphia Mill Road

TAX MAP 34 PARCEL # 2

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.

*[Handwritten Signature]*  
(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

0'

reddish brown L

3 1/2'

red brown fine micaceous SL  
w/10-15% weak Saprolite

14'

see second sheet

SOIL PROFILE

0'

red brown CL

↓ w/10% channely rock frags

3'

red brown fine micaceous SL  
w/10% weak Saprolite

13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3'

reddish brown L

3'

Fine micaceous SL w/ 10% weak Saprolite

13'

P-11

red brown w/10% channely rock frags

3'

Fine SL red brown w/10% weak Saprolite

14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/12/02	P-7	5 1/2' / 14	2:51:00	2:54:15	2:54:15	2:59:45	5:30"	OK
6/12/02	P-10	5' / 13	3:27:30	3:30:00	3:30:00	3:33:30	3:30	OK
6/12/02	P-11	3' / 14	3:40:15	3:41:30	3:41:30	3:45:00	3:30	OK
6/12/02	P-12	4 1/2' / 13	3:18:45	3:19:45	3:19:45	3:21:45	2	OK
		6' / 13	3:15:45	3:16:45	3:16:45	3:19	2:15	OK

REMARKS

TYPE OF SOIL

Cluster

TESTED BY

J. Boris

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

4 1/2

TRENCH WIDTH

3

INLET DEPTH

3

MAXIMUM BOTTOM DEPTH

5

SO. FT./BEDROOM

180





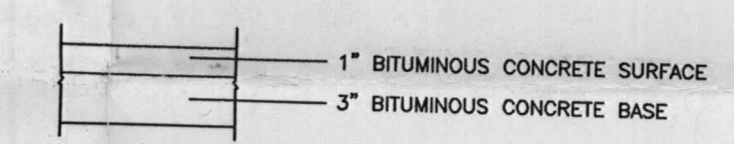
- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR BRIGHTON MILL, PLAT No. 19462, REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREAS AND ALL EASEMENTS.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR 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 EASEMENT PLAT SHALL NOT BE NECESSARY.
  3. SEDIMENT AND EROSION CONTROL FEATURES WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-08-36 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 TO 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-95-1006, 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* 7/10/08  
 PLAN PREPARER  
 JOHN M. CARNEY FOR BENCHMARK ENGINEERING, INC.

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

*William J. Davis* 7/16/08  
 COUNTY HEALTH OFFICER DATE



**PAVING SECTION**  
 NOT TO SCALE

NO.	DATE	REVISION
<b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS <b>ENGINEERING, INC.</b> 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLICOTT CITY, MARYLAND 21043 PHONE: 410-465-6105 ▲ FAX: 410-465-6644 EMAIL: benchmrk@cais.com		
OWNER/BUILDER:		PROJECT:
NVHOMES MARYLAND EAST DIVISION 6085 MARSHALEE DRIVE SUITE 130 ELKCRIDGE, MARYLAND 21075 PHONE: 410-379-5956 FAX: 410-379-5956		<b>BRIGHTON MILL</b> <b>LOT 3</b>
LOCATION:		13552 BROCCOLINO WAY CLARKSVILLE, MD 21029 TAX MAP No. 34 - BLOCK No. 2 - PARCEL No. 2 5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
TITLE:		<b>REVISED PERCOLATION CERTIFICATION</b> <b>PLAN AND PERMIT PLAN</b>
HOUSE TYPE:		<b>KNIGHTSBRIDGE</b>
DESIGN:	JMC	DRAFT: JMC
DATE:	JULY 9, 2008	PROJECT NO. 2061
SCALE:	1" = 30'	DRAWING 1 OF 1