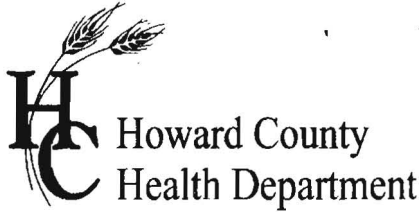


\$506 pd.



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) June 1, 2006 TEST TIME 9AM AP 524487
 AGENCY REVIEW: identify repair area & evaluate functioning of existing SDA DATE 5/26/06
 DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
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CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH 1 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Ms. Janice Compton

DAYTIME PHONE 410-489-4060 CELL _____ FAX _____

MAILING ADDRESS 16015 Frederick Road LISBON MD 21765
STREET CITY/TOWN STATE ZIP

APPLICANT Bob Knight R/K Vinyl Remodeling

DAYTIME PHONE 410-442-1888 CELL 443-324-0656 FAX 410-848-7818

MAILING ADDRESS P.O. Box 279 WOODBINE 21797
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 16015 Frederick Road LISBON 21765
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID 12 PARCEL(S) 192 PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. _____ SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
~~5500 ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544~~ (410) 313-1771 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

7178 COLUMBIA GATEWAY DR
COLUMBIA, MD 21046
 HD-216 (2/03)

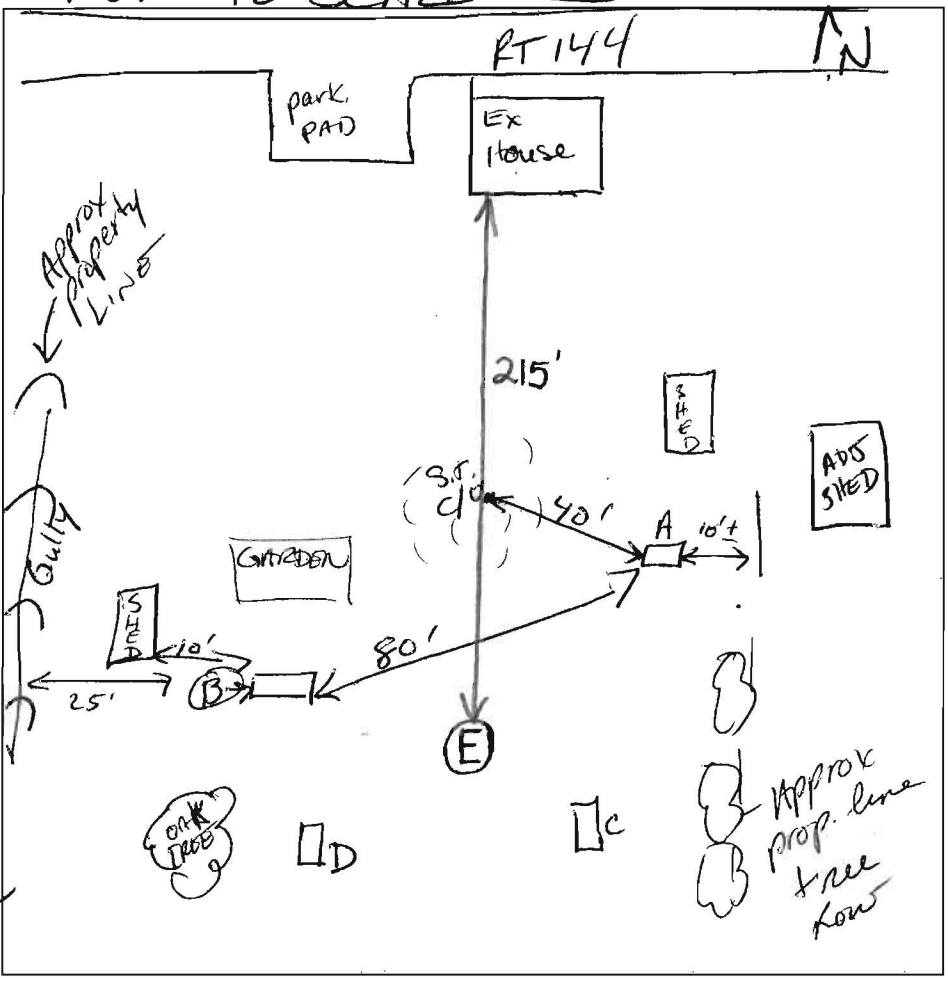
PLEASE SUBMIT ORIGINALS ONLY (BY MAIL OR IN PERSON)

NOT TO SCALE

AP (A)
 A horizon
 LOAM / SBK 18"
 org brn SBK
 hvy CL 3 1/2'
 org brn brn
 sil-L
 Chert 10%
 (W & SW wall)
 some pebb red bricks
 5 1/2'
 SL-LS
 Chert frags
 Quarter size
 20-30%
 BOTTOM 11'

(B)
 Str org, org brn
 sticky CL
 w/ QTZ stone
 210%
 5 1/2'
 org brn
 org
 Loam
 Chert 15%
 compact
 sq. / massive
 BOTTOM 11'

(C) (D)
 #2
 Stone (old
 parking PAD)
 Str red
 sil-L
 3'
 sil
 org brn
 5'
 yellow
 Loam
 Sheet
 Trace
 5%
 BOTTOM 11'



(E)
 Red Br Cl Loam 2.5'
 Or Br Si Cl Loam ~5% Rock 3.5'
 Mixture of Or Br Si Cl Loams and Sa Cl Loams ~5% Rock 5.5'
 Med Br Dense Sa Loam ~20% Saprolite
 13'
 14' Wet/Caving Water

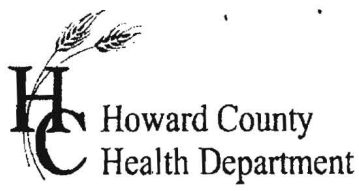
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H	
5/31/06	A	4 1/2' S	9:22	TOP SLOW	NO MOV			
		6'	10:15	10:32	10:57	25 min	P	
	B	5 1/2' S	9:30	9:50	10:18	28 min	P	
	C	9'	10:02	10:06	10:10	4 min	P	
	D	6'	10:11	10:20	10:33	13	P	
1/9/07	E	14' V	Soil Saturated					
			CURRENT SYSTEM FUNCTIONING					
			From Recent Rainfalls					
			B. Baber					

REMARKS 12x12x12 perc holes
 SANITARIAN Kace BACKHOE RK Vinyl Remodeling OTHERS Owner
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR 240
 TRENCH WIDTH 2 INLET DEPTH 3 MAX. BOT DEPTH 7 EFFECTIVE SW 1'

3 = 200

288

\$506.00



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FOR PERCOLATION TESTING AND SITE EVALUATION

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APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME LISBON LOT NO. _____

PROPERTY ADDRESS 16015 FREDERICK RD. LISBON MD. 21765
STREET TOWN/POST OFFICE

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 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

5-31-06

Backhoe only digs 9'-10' deep.

fixed access road.

prop line @ tree new

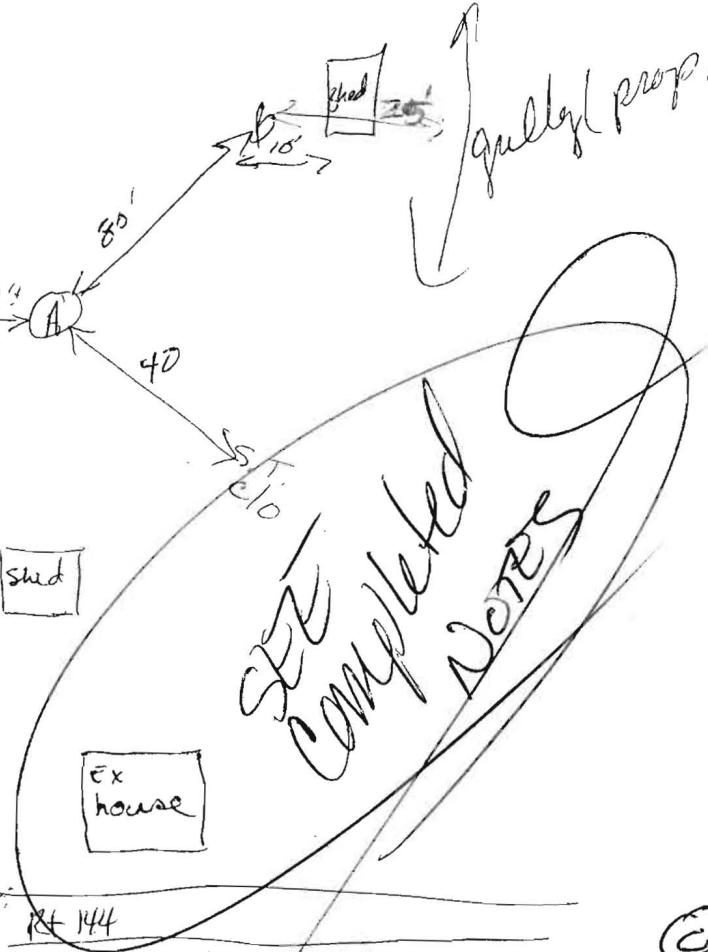
ADJ shed

shed

Ex house

SEE COMPLETED NOTES

gully prop line



(A)

A horiz. loan	18'
org brn Bhor. 2	5'6"
kvyl cl	
org brn	3 1/2'
brn	w wall & sw wall
sil-cl	some wall
chest = 10%	full red brick & org pnc

5'-5 1/2'

chest prop quarter size

~20% = 30%

4 1/2 9:22

(B) 5 1/2' 9:49

str org, org brn

stacy cl

10' 10 1/2' stone ~ 10%

5 1/2'

org brn, org

loan = full

(C) 9' 10:02 10:06

10:10

str red

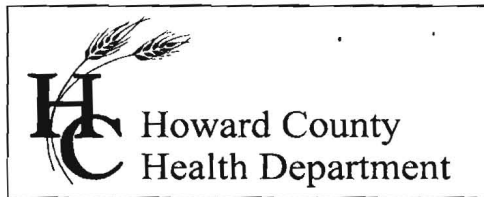
3' sil-cl

sil

@ 5' ~~org~~, yellow loam

9'

(D) @ 6' pnc 10:16 = 10:25



7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 12, 2006

Mr. Bob Knight
P.O. Box 279
Woodbine, MD 21797

Re: Percolation Test Results
Building Permit: Addition
16015 Frederick Road
Tax Map: 7 Parcel: 192

Dear Mr. Knight,

Percolation testing done on June 1, 2006 yielded satisfactory results. Due to the property line allocations on the county mapping system and the description of the lot lines on your submitted site plan, a percolation certification plan must be submitted to our office by a licensed engineer/ surveyor.

The following information must be included on the percolation certification plan:

- Field locate all test holes
- Show topography at two-foot intervals
- Show any geological features such as gully's, swales, etc.
- Show the location of nearby wells and septics including parcel 192
- Include all general notes statements as well as a description of the property lines if parcels were integrated
- Show the area of the septic area now established. If less than 10,000 square feet, lay out two more systems. State the total number of bedrooms for the property.

Included with this letter is a copy of the GIS county map for the property tested. Also included are the field notes with the septic system design standards needed for a layout of two more septic systems. Have your engineer give us a call if there are any questions. Thank you for your time in this important matter.

Sincerely,


Kacie Noonan, R. S.
Well & Septic Program

