

# APPLICATION

PERCOLATION TESTING

5/11/02  
Credit from  
Curtis property  
SRK/MR

A 516865-X

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 5/11/02

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

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 PAYNE

ADDRESS Po Box 587 Mt Airy 21771 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER MidseView LLC

ADDRESS Po Box 228 Clarksville 21028 PHONE 410-489-4630

PROPERTY LOCATION:

SUBDIVISION PAYNE Properts LOT NO. 7 ON prelet plan

ROAD AND DESCRIPTION Long Corners Rd.

TAX MAP 6 PARCEL # 57

SIZE OF LOT 40-60,000 sq ft TYPE BLDG. Residential  
(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]  
(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

516865-X

NOT TO SCALE

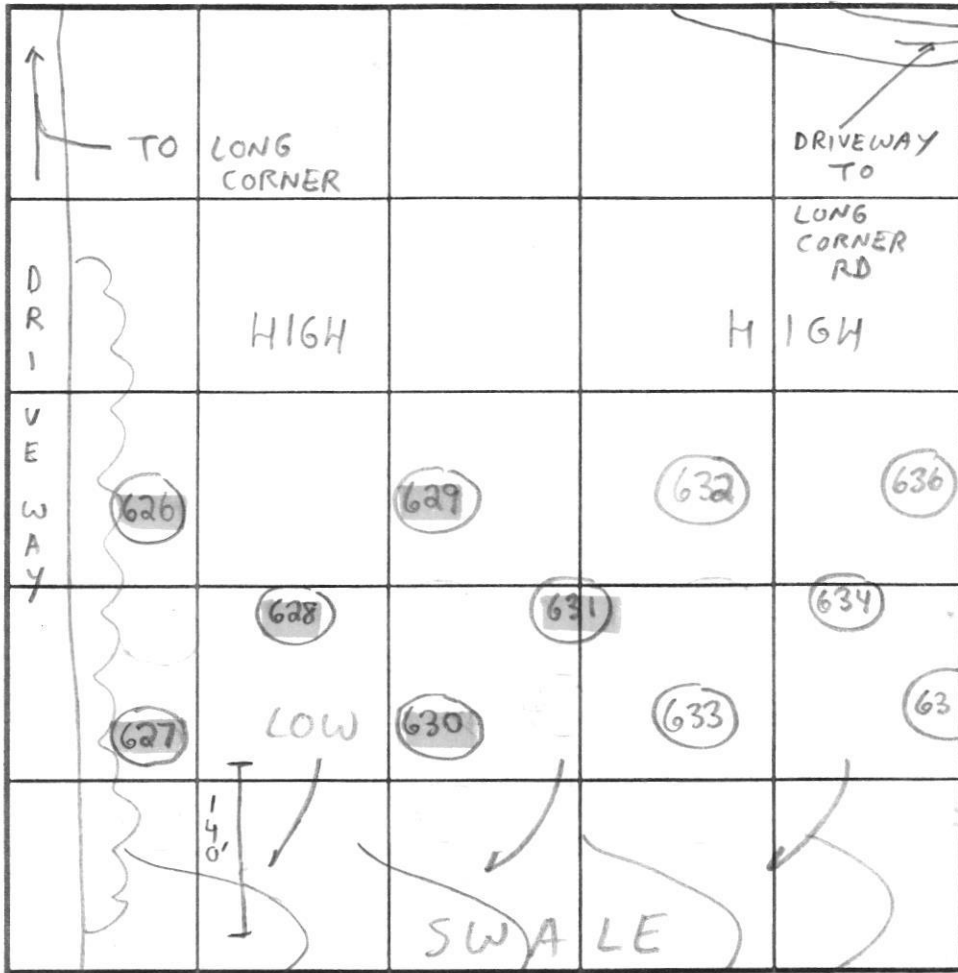
COUNTY #

SOIL PROFILE

0' 626/631  
 1' dark-brn topsoil  
 red-brn channery sa clm  
 3' orange-brn sandy lm  
 5' red-brn channery sandy lm  
 15-25% mica/SCHIST-SHALE  
 13'6"

SOIL PROFILE

0' 629  
 SEE 626



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

627

SEE 626

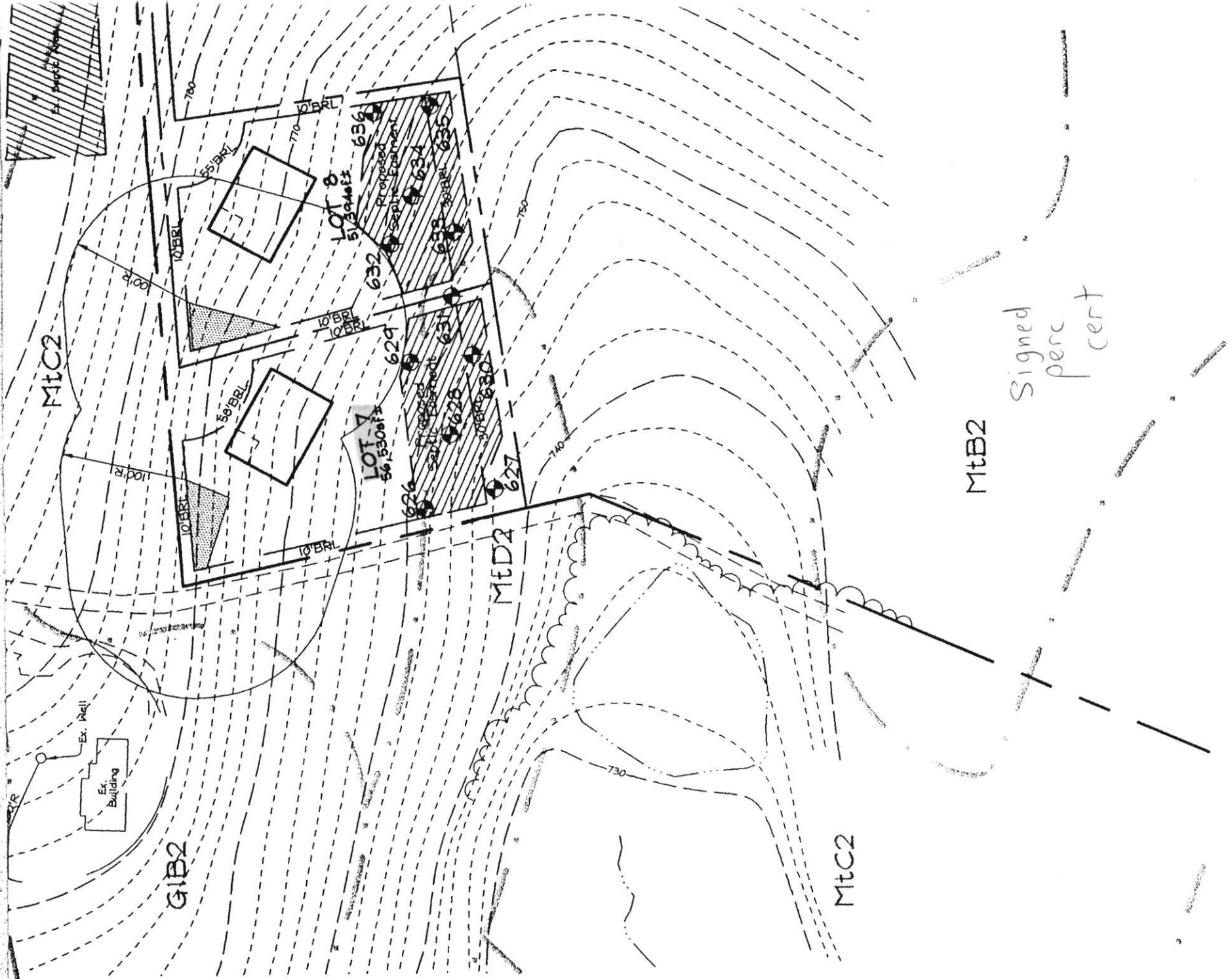
628/630

1' dark-brn topsoil  
 red-brn channery sa clm  
 3' orange-brn sandy lm  
 5' red-brn channery sandy lm  
 35-45% mica/SCHIST-SHALE  
 13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
5/13/02	626	4" T 13'6" V	11:45am	11:50am	11:50am	11:59am	9min	OK	
	627	5" T 13'6" V	11:38am	11:40am	11:40am	11:42am	2min	OK	
	628	8" T 13' V	12:00pm	12:02pm	12:02pm	12:08pm	6min	OK	
	629	5" T 14' V	11:22am	11:24am	11:24am	11:26am	2min	OK	
	630	4'6" T 13'6" V	11:27am	11:36am	11:36am	11:53am	17min	OK	
		7'6" T 13'6" V	11:57am	12:14pm	12:14pm	12:44pm	30min	OK	
	631	13' V	(VISUAL OK SEE SOIL PROFILE)					NA	OK

REMARKS

TYPE OF SOIL Mt. Airy Channery  
 TESTED BY SRK Jeff Allen = Backhoe ALSO PRESENT Chuck Sharp  
Richard Demmitt  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7min TRENCH WIDTH 3'  
 INLET DEPTH 2 MAXIMUM BOTTOM DEPTH 6 SQ FT/BEDROOM 210



ED : FOR PRIVATE WATER AND PRIVATE SEWERAGE  
 SYSTEMS IN ACCORDANCE WITH THE  
 MASTER PLAN OF HOWARD COUNTY



SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Payne Property

A 516865-X

STREET NAME: Long Corner Rd

LOT NUMBER: 70% perc cert

AVERAGE PERCOLATION RATE: 7min

SQUARE FEET PER BEDROOM: 210

NUMBER OF BEDROOMS: \_\_\_\_\_

LINEAR FEET OF TRENCH PER BEDROOM: \_\_\_\_\_

TOTAL LINEAR FEET OF TRENCH: \_\_\_\_\_

SEPTIC TANK CAPACITY: \_\_\_\_\_

TOP SEAMED TANK REQUIRED?  YES  NO

*Give credit for 3' bottom & 1' of effective sidewall = 4' total*

COMPARTMENTED TANK REQUIRED?  YES  NO

*w/ effluent filter*

TRENCH DIMENSIONS: Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 6 feet below original grade.

Effective area begins at 4 1/2 feet below original grade. 4 feet of stone below distribution pipe. *System design by SRK & Barry Glottelty. Stone closer to surface for oxygenation of trenches*

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: \_\_\_\_\_ gallon pump chamber.

YES NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

LOCATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ADDITIONAL NOTES: Trenches should not be any deeper than 6'.  
" " be definitely 3' wide.  
Shallow inlet recommended for better oxygenation of trenches.

Reviewer: SRK

Date: 5/15/02