

# APPLICATION

PERCOLATION TESTING

A 39075

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 5

DATE 4/2/87

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER W-L Research, Inc.

ADDRESS 7625 Brown Bridge Road PHONE \_\_\_\_\_

PROSPECTIVE BUYER Richard J. Demmitt

ADDRESS P.O. Box 208, Clarksville, Md. 21029 PHONE 301-531-5539

PROPERTY LOCATION:

SUBDIVISION Waterman Estates, Section ~~Two~~ Two (2) LOT NO. NEW LOT 3  
~~Seventeen (17)~~

ROAD AND DESCRIPTION 7625 Brown's Bridge Road

TAX MAP 40 PARCEL # 397

SIZE OF LOT 3 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.

*Richard J. Demmitt*  
(SIGNATURE OF APPLICANT)

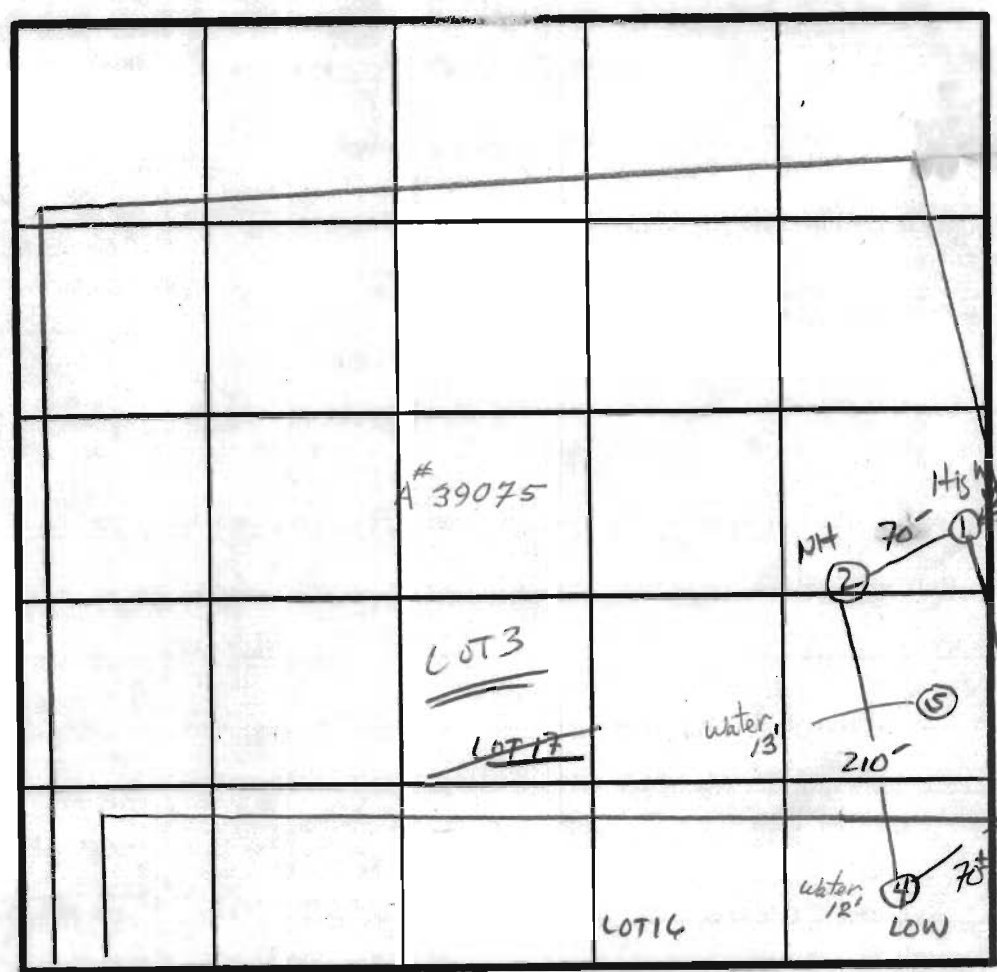
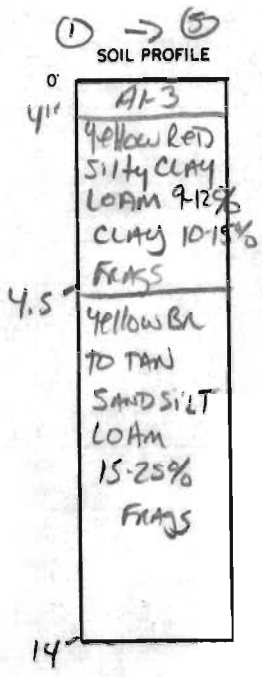
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 5-12-87 Perce satisfactory hold for plat - smw

# THIS IS NOT A PERMIT



X Per 5 min  
180 & 1BA  
INLET 4  
BOTTOM 6  
15"

INDICATE NORTH · NAME ADJOINING ROADWAY AS BASE LINE.

Brown Bridge Rd

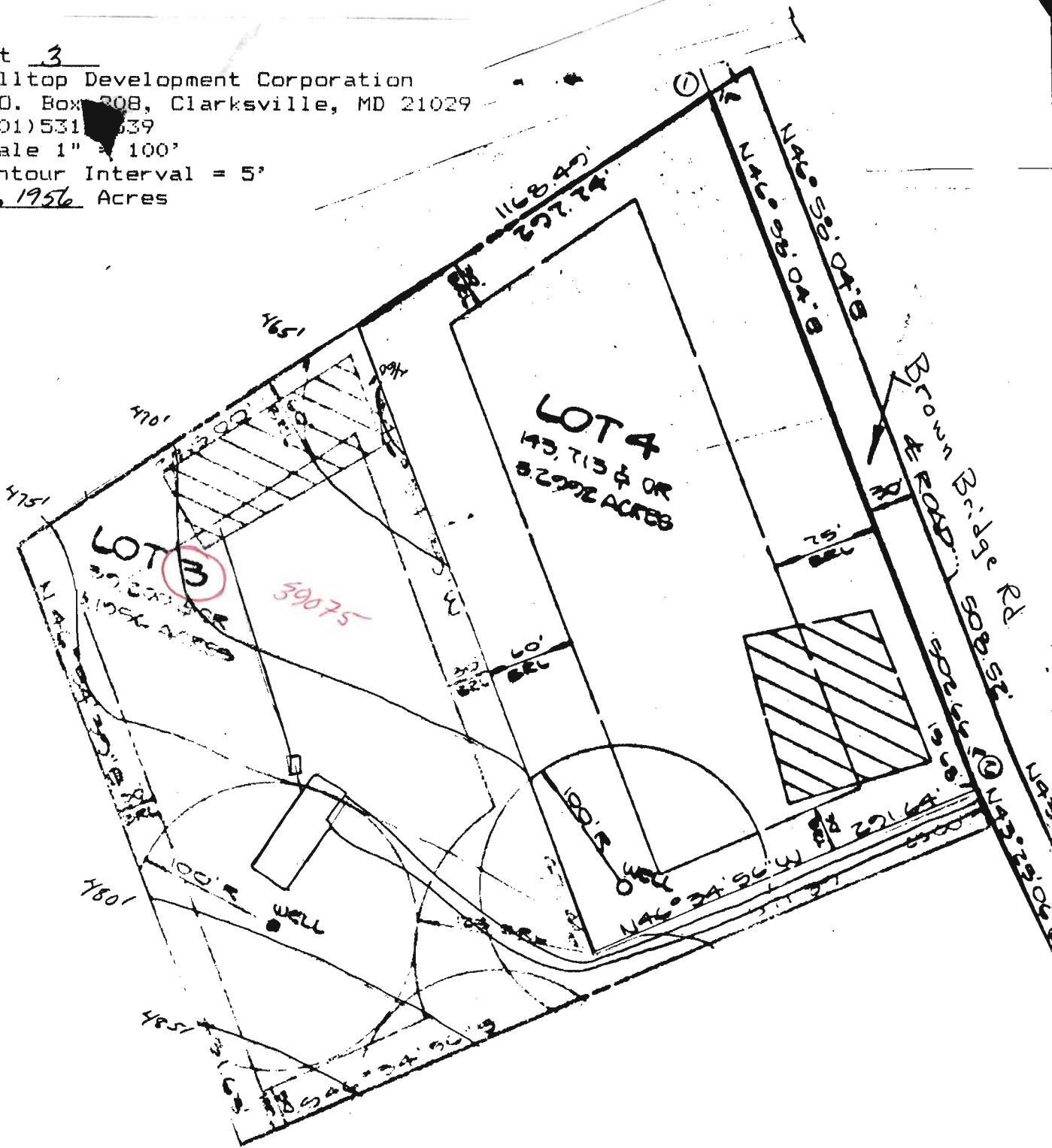
DATE	TEST NO.	DEPTH	PRE-WET		TEST · 1" DROP		TIME
			START	STOP	START	STOP	
5/12/87	S	4.5"	11:12	11:13	11:13	11:15	2 min
	M	9"	11:10	11:11	11:11	11:14	3 min
	1V	14"	UNIFORM SOIL BELOW 4.5"				
	2V	14"	UNIFORM SOIL BELOW 4.5"				
	3S	4.5"	11:16	11:17	11:17	11:19	2 min
	3V	13"	UNIFORM SOIL BELOW 4.5"				
	4S	4.5"	11:15	11:19	11:19	11:30	11 min
	4V	13"	WATER AT 12.0" UNIFORM below 4.5"				
	5V	14"	WATER AT 13" SAME AS # 1+2				

REMARKS Holes Diff Than PLAT - SHALLOW SYST ONLY

TYPE OF SOIL Checked

TESTED BY S. Axel ALSO PRESENT Allen RACKHOE R. DEMMITT

Lot 3  
 Hilltop Development Corporation  
 P.O. Box 208, Clarksville, MD 21029  
 (301) 531-5339  
 Scale 1" = 100'  
 Contour Interval = 5'  
3.1956 Acres



Ground at Well 479'  
 Ground at Field 468'  
 Into Field 465'  
 Out of Tank 468'  
 Into Tank 468.2'  
 Out of House 468.4'  
 Basement 470'  
 First Floor 450'

Well

Trench length and detail to be determined by HCHD.

A 39075

SUBDIVISION: Waterman EST.

LOT NUMBER: 3

Sec. 2

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 5.5 feet below original grade.

Effective area begins at 4 feet below original grade.

1.5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 10 FEET OFF THE REAR LOT LINE  
AND 110 FEET FROM THE LEFT LOT LINE AS SEEN WHEN FACING  
THE LOT FROM R.O.W. OFF BROWN BRIDGE RD. RUN TRENCHES  
ON CONTOUR TOWARD THE FRONT OF LOT. C-19-89 J. W. W.