

# APPLICATION

A 23987

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 715th

DATE 9/15/76

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 Mr. Walter Bucher

ADDRESS Highland Partnership  
8777 First Avenue  
Silver Spring, MD 20901

PHONE (8)-588-3100

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 59

ROAD AND DESCRIPTION Holly Loeh Lane

SIZE OF LOT one acre m/l TYPE BLDG. 3 or 4 bedroom  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Mr. Walter Bucher

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

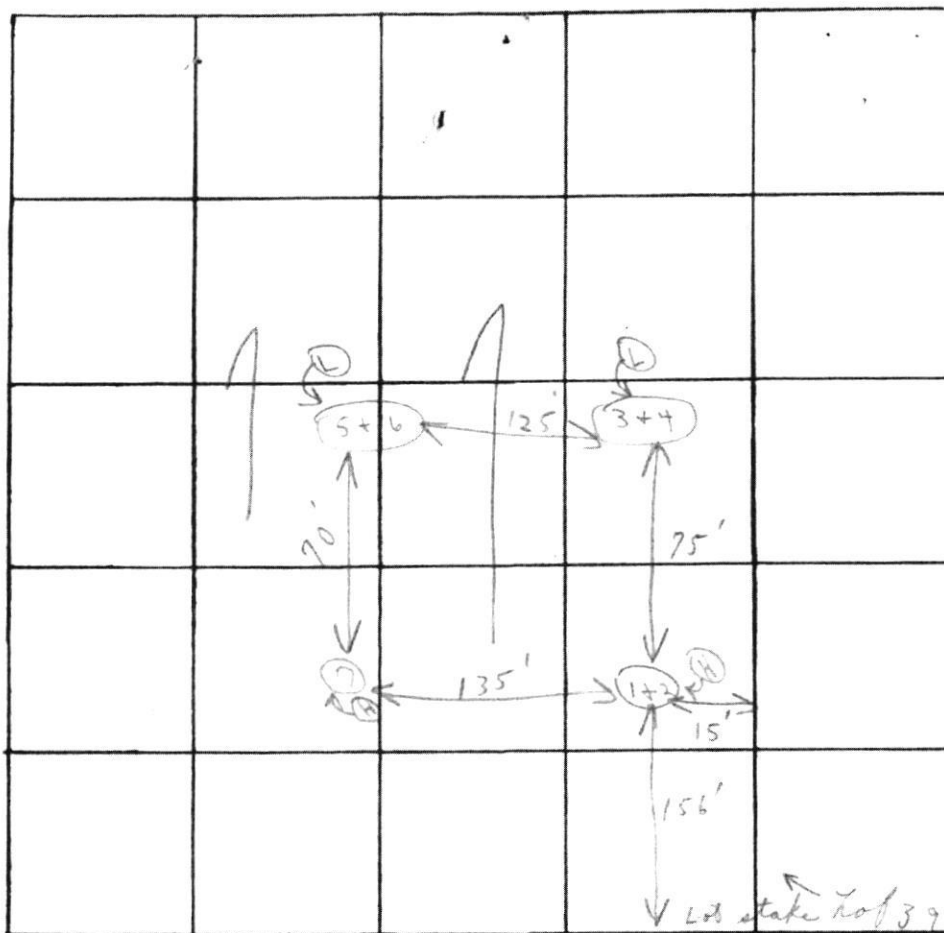
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT

A23987



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

RT 216

→ Highway

| DATE   | TEST NO.          | DEPTH      | PRE-WET           |       | TEST - 1" DROP |       | TIME                          |
|--------|-------------------|------------|-------------------|-------|----------------|-------|-------------------------------|
|        |                   |            | START             | STOP  | START          | STOP  |                               |
| 5/7/76 | 1                 | 4' s       | 10:15             | 10:16 | 10:16          | 10:18 | 2 m                           |
|        | (H) 2             | 13' s      | 10:15             | 10:17 | 10:17          | 10:20 | 3 m                           |
|        | 3                 | 2' s       | 10:28             | 10:30 | 10:30          | 10:33 | 3 m                           |
|        | (L) 4             | 13 1/2' s  | 10:28             | 10:30 | 10:30          | 10:36 | 6 m                           |
|        | clay first 5 1/2' | 5 1/2' s   | 10:55             | 10:57 | 10:57          | 11:01 | 4 m                           |
|        | (L) 6             | 12' s      | 10:44             | 10:46 | 10:46          | 10:50 | 4 m                           |
|        | (H) 7             | 13' Visual | similar to others |       |                |       | 3 4'-5' sandy and loam starts |
|        |                   |            |                   |       |                |       | 22                            |
|        |                   |            |                   |       |                |       |                               |
|        |                   |            |                   |       |                |       |                               |
|        |                   |            |                   |       |                |       |                               |

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT:

#24  
Need 25

Unit 4'

160 gph

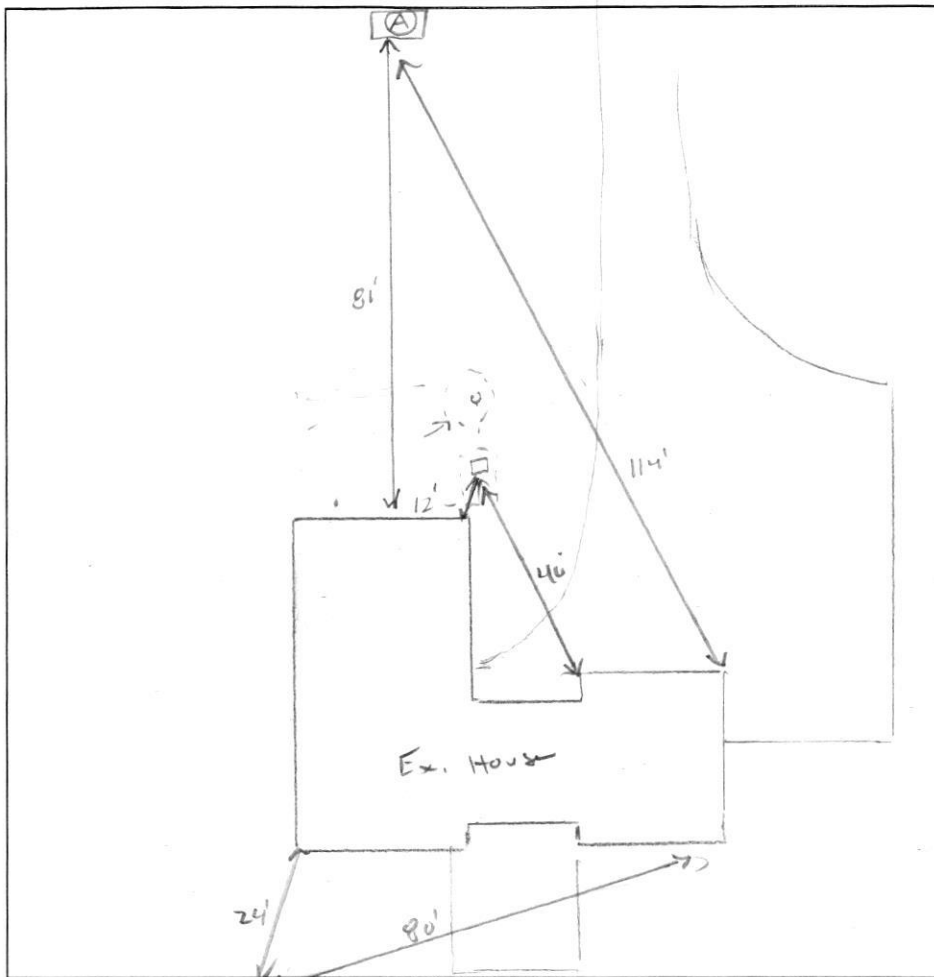
4 m

sandy and loam starts

(Sandy loam below clay)

C. B. S.

Ketterman



HO-73-2460

| DATE   | TEST # | DEPTH             | START | BREAK<br>1" DROP | STOP<br>2" DROP | TIME OF<br>2ND INCH | P/F/H |
|--------|--------|-------------------|-------|------------------|-----------------|---------------------|-------|
| 5/3/82 | (A)    | 5' 14"v           | 00:07 | 00:09            | 00:13           | 4                   | P     |
|        |        | H2O ponded @ 14"v |       |                  | —               | 7 mpi               | P     |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |
|        |        |                   |       |                  |                 |                     |       |

REMARKS Ex. Drywell collapsed.SANITARIAN K. Wolf BACKHOE Hedfield OTHERS \_\_\_\_\_TEST HOLES USED IN SDA 1 AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_TRENCH WIDTH 3' INLET DEPTH 3.5' MAX. BOT DEPTH 7.5' EFFECTIVE S/W 5' (1.5')

$$4 \text{ BR} = \frac{600 \text{ gal}}{1.2} = 500 \div 3 = 167 (1.55) = 92 \text{ LF } (2 \times 46)$$

(A)  
Br L,  
wk f SDA,  
150% churning, roots  
4'  
1. Br 1/4 SL  
wk CoDAK,  
150% sup. w/ roots  
7'  
pale 2r/4 FSL  
wk f PL  
Friable, roots