

3/29/85
4/11/85
lunchtime

4-11-85
approved
SABel

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 35100

A REPAIR

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 6th

DATE 3/6/85

INDEXED

15
30
45

25
20
500

John A. Hartner

IS PERMITTED TO INSTALL X ALTER

ADDRESS 12161 Mount Albert Court, Ellicott City, MD 21043 PHONE 531-2080

SUBDIVISION _____ ROAD 10140 Washington Boulevard.

PROPERTY OWNER Mr. John A. Hartner

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 2

~~REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND~~
REPAIR.

RECOMMENDATION: LEACHING BED, BOTTOM MAXIMUM DEPTH 4.0 FT, INLET AT 2.5 FT, 18 INCHES OF STONE BELOW PIPE. MAKE LEACHING BED 20 FT X 25 FT, BEGIN BED 20 FT FROM BACK OF HOUSE AND 10 FT LEFT OF CORNER OF HOUSE AS SEEN WHEN FACING FROM USI. RUN TRENCH ON LEVEL GROUND TOWARD RIGHT OF HOUSE AS SET WHEN FACING LOT FROM USI. MUST ABANDON PRESENT WELL IN BACK OF HOUSE, AND CONNECT TO COMMUNITY WATER, OWNER STATES "PLANS TO CONNECT TO CITY WATER. SAbel

PLANS APPROVED BY C. Williams DATE 3/6/85

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

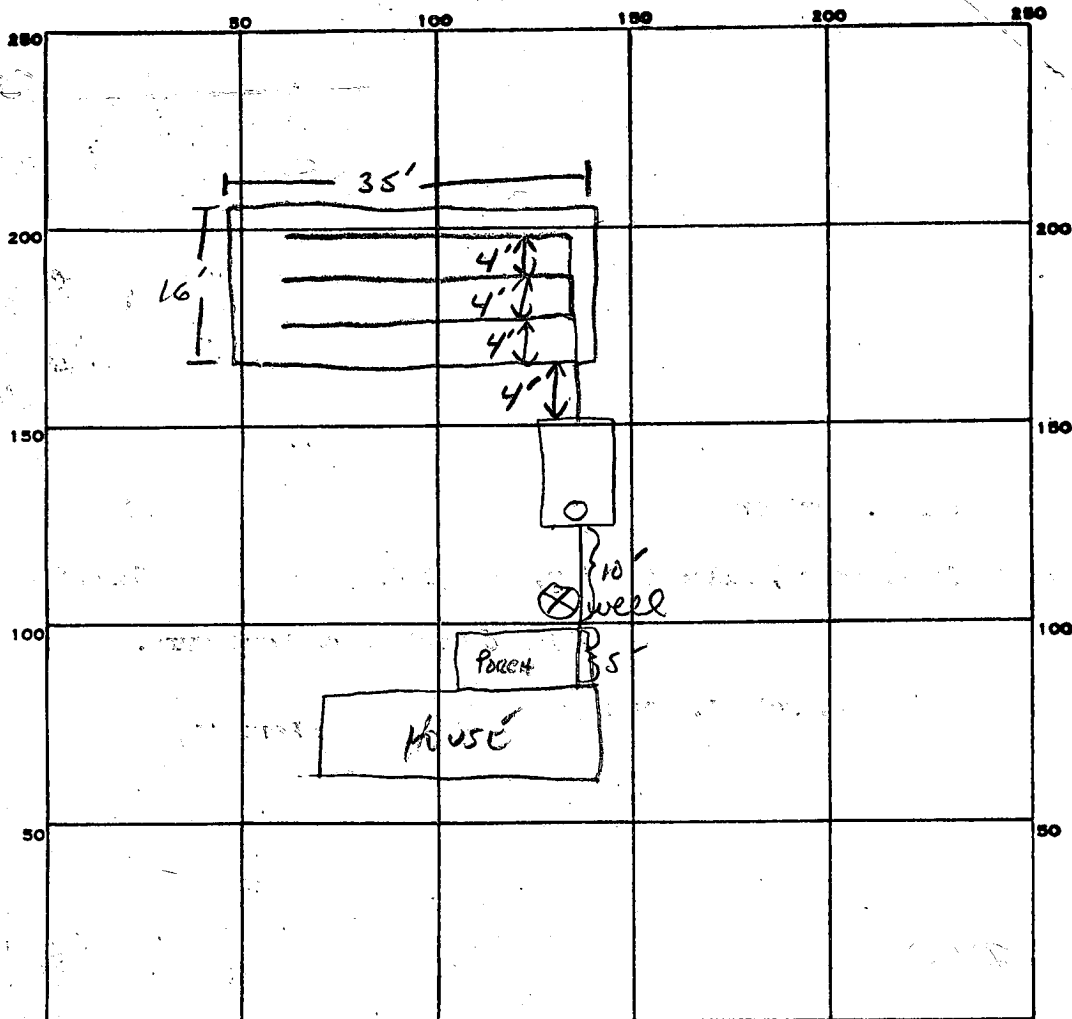
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

R35100

335
16
210
35
560



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Rt 1

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ 2000 GAL

CLEANOUTS STV

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 4 FT. TRENCH WIDTH 16 FT.

GRAVEL DEPTH 18" - 24" TOTAL LENGTH 35 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 560 ~~4~~

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 560 SQ. FT.

REMARKS 10 AM 4-11-85 OK TO CONTINUE WORK, Fill well with 5-7' Fill soil, 3 Ft CEMENT AND 2 Ft Fill soil. - Well 12' deep with 3-4' water. Fixture removed from House. Sable

4-11-85 1145 AM OK TO COVER BED AND TANK; 7' Fill to well + 3' CEMENT PLUG + 2' Fill on top. Sable

DATE SYSTEM APPROVED 4-11-85 INSPECTOR Sable

Hand-drawn network diagram showing three activities (1, 2, 3) and their durations. Activity 1 has a duration of 40, Activity 2 has a duration of 50, and Activity 3 has a duration of 20. The diagram shows dependencies: Activity 1 is connected to Activity 2 (60) and Activity 3 (20). Activity 2 is connected to Activity 3 (10). Activity 3 is marked with a circled X and labeled 'well'.

Hand-drawn stratigraphic column with the following layers and measurements:

- 6" 41-3
- BROWN CLAY
- LOAM 100%
- 2.3" SAPROLITE
- SAND Silt
- 10-20%
- SAPROLITE
- 7.5' BROWN
- RED MOTTLED
- SAND Silt
- 9.5'

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH
P. O. Box 476

ELLICOTT CITY, MARYLAND 21043
TELEPHONE:

461-9933

April 9, 1985

Mr. John Hartner
12161 Mt. Albert Court
Ellicott City, Maryland 21043

RE: Repair Percolation
10140 Washington Boulevard

Dear Mr. Hartner:

Soil testing at the above referenced property on March 29, 1985 indicated a minimum amount of soil area suitable for sewage disposal. That area would only be usable after the existing dug well is abandoned.

Therefore, the only possible immediate remedy to the previously documented unacceptable sewage discharge, is to install a sealed holding tank of at least 1000 gallon capacity (1500 - 2000 gallon capacity preferable). This must be completed within 10 days of the verbal notification which you received on March 29, 1985.

Once the existing dug well has been abandoned to the satisfaction of this department, you will be permitted to install and use a leaching bed with at least 500 square feet of bottom area at a depth no greater than 4 feet below existing grading.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

A handwritten signature in cursive script, reading "Craig Williams".

Craig Williams, Acting Director
Water and Sewerage Program

CW:jr