

Rt. 70W, 4 miles S on Rt 97, on Rt.

4/17/87  
1:30 AM  
2 Septs  
11-12" final letter

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P 39333

A Repair

DISTRICT \_\_\_\_\_

DATE 5/15/87

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE SYSTEM APPROVED 6-17-87

INSPECTOR JEN

INDEXED

Dwayne - operator

Arnold Backhoe & Septic Services, Inc. IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Cat Tail ~~Field~~ Farms ROAD 4078 Route 97 LOT \_\_\_\_\_

PROPERTY OWNER Catherine Reilly  
4078 Route 97

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 5

120 SQ FT  
+ EXISTING

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

REPAIR.

Deep trench 14 ft. deep w/inlet at 6 ft. Effective depth 6 ft. to <sup>(14 JEN)</sup> 13 ft. Fill w/ 8ft of stone, 200 sq ft. sidewall area. Run trenches on level ground toward the field away from the failed perc holes, RH. Installer said only 1 perc ok, all 3 others refused at 2' to 12'.

158 IF EXISTING SYSTEM ABANDONED.

PLANS APPROVED BY C. Williams DATE 6/16/87

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

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 TWO 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.

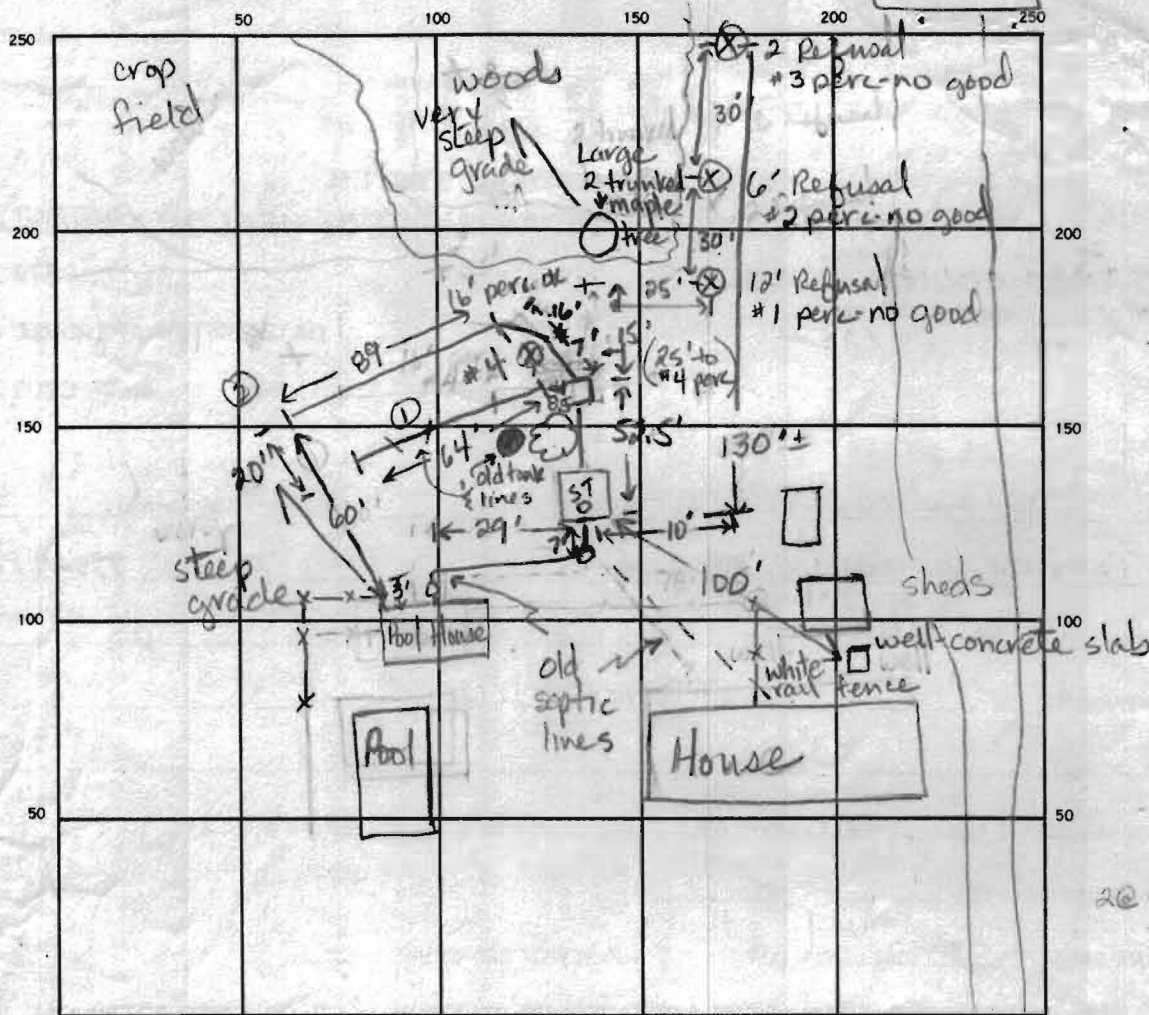
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

39333



Old tank  
4 ft diam,  
5 ft high  
~ 400 gal.  
Old septic  
trench lines  
and far end  
of new  
system are  
2.0 to 2.5  
feet deep,  
dry. Closer  
pipe about  
2.0 feet  
deep but  
wet.

2 @ 63', 8' deep

$\frac{3}{6}$   
 $\frac{12}{20}$   
 $\frac{9}{9}$   
51.2

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Route 97

SEPTIC TANK LEVEL 2000 gal CLEANOUTS 3; ST, Pool house, Line from house

DISTRIBUTION BOX LEVEL ok

DRAIN FIELD/TILE FIELD, DEPTH 14 14 FT. TRENCH WIDTH 2 FT. INLET DEPTH 6 6 FT.

EFFECTIVE GRAVEL DEPTH 8.0 8.0 FT. TOTAL LENGTH 64 89 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 512 + 712 = 1224 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

$\frac{12}{20}$   $\frac{1224}{92}$   
 $\frac{9}{9}$   $\frac{1132}{92}$

(subtract 6' x 12'  
and 4' x 5' of  
hard soil at  
base of 2nd  
trench) =  
1132 sq. ft.

REMARKS 6-16-87 Old metal septic tank was pumped out. Was blocked up and collapsed at sides. Old field abandoned. New tank installed re: R/H specifications on front. Four percs tested, 3 higher holes hit refusal at 2 ft to 12 ft. Passing perc located between trenches. Ok to add stone to trench ①. JEN

6-17-87 Ok to add stone with pipe to second trench. JEN

Ok to cover both trenches and boxes. 6-17-87 JEN

DATE SYSTEM APPROVED 6-17-87 INSPECTOR Jane E. Nadeau

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P. 39333

A. REPAIR

DISTRICT \_\_\_\_\_

DATE 5/15/87

**HOWARD COUNTY**

BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE SYSTEM APPROVED \_\_\_\_\_

INSPECTOR 160  
160

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GARBAGE GRINDER? YES  NO \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 3-4 GALLONS NUMBER OF BEDROOMS 5

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

Deep TRENCH - 14 FT DEEP 2 FT WIDE 8 FT STONE  
EFFECTIVE AREA 8 INET 6 FT BELOW GRADE 200 SPT  
LALET THE TRENCH AT PERC HOLE (4) LOCATED  
50 FT BEHIND THE POOL HOUSE & LOWER  
THAN THE POOL HOUSE RUN TRENCH ON  
LEVEL GROUND AWAY FROM FAULT

PLANS APPROVED BY C. Williams DATE 4/30/87

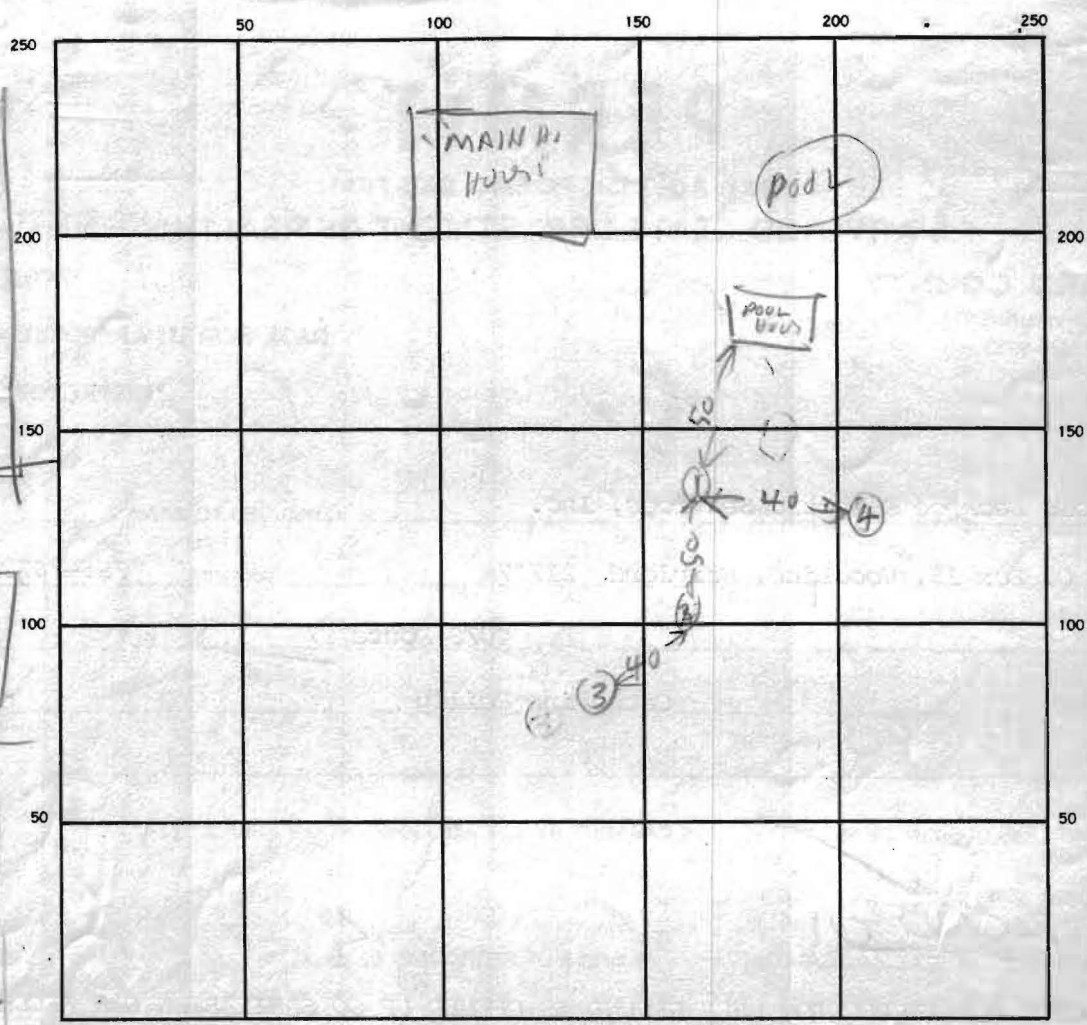
COVER NO WORK UNTIL INSPECTED AND APPROVED. PERC HOLES

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- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.
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- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

P.A. 39333



HOLE ELEV  
 (1)(2)(3) - HIGH  
 (4) - LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK, LEVEL \_\_\_\_\_ CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS

5/17/12	15	145	1045	11				Put Trench near
	10	10	1101	1126	114	1st trench 25		Per Hole (4) R/D
	45	8	1139	1034		1st trench 4 men		
	4N	16				OK Below 6F7		