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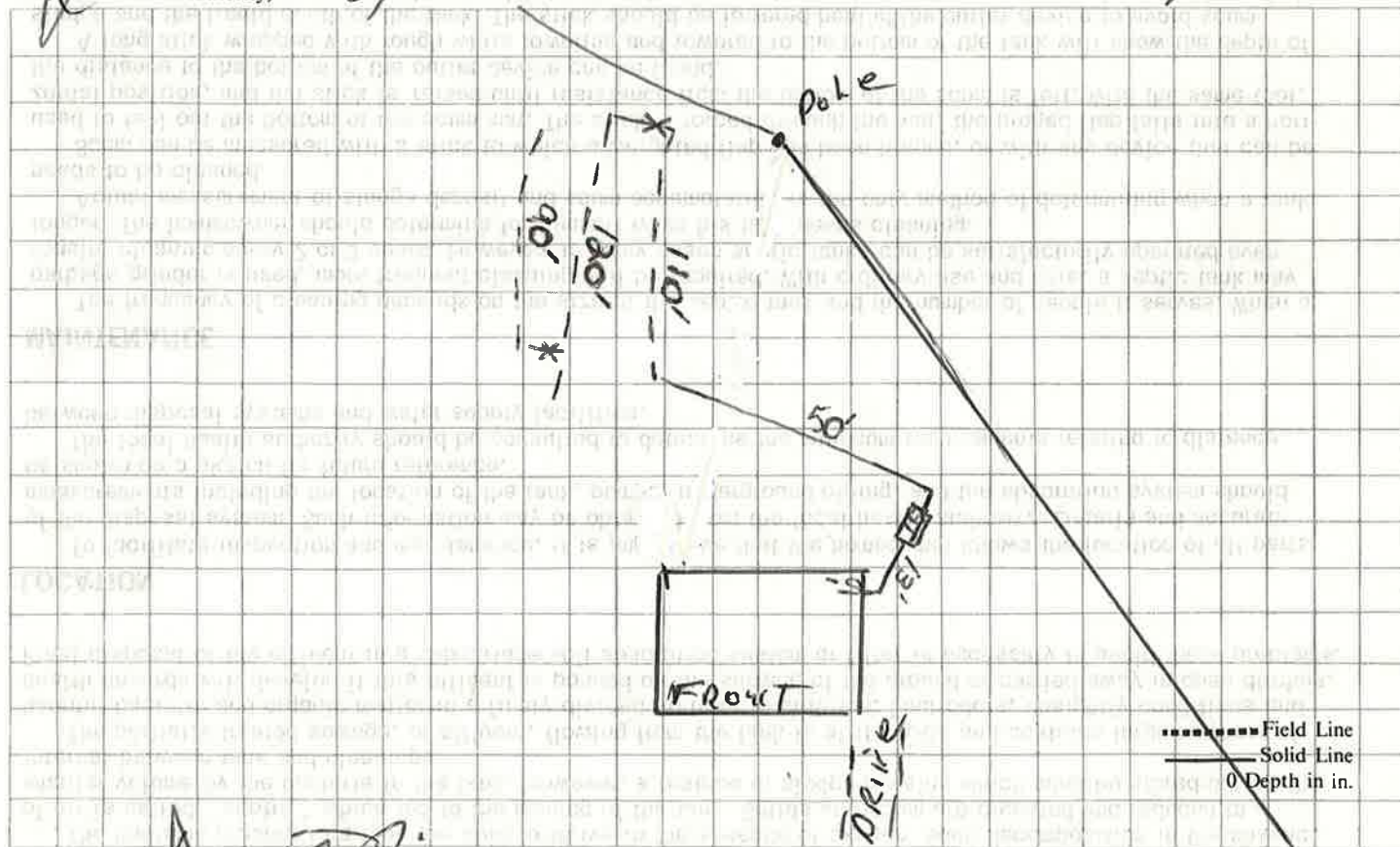
PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

247973

✓ Issued to: <u>Terry C. Jones</u> Owner/Developer, Contractor, Installer, Etc.	REGION <u>06</u>	COUNTY <u>60</u>	ID-NUMBER	DATE <u>092689</u>
	STAFF <u>205</u>	INSTALLATION: ☒ 1. New Installation () 2. Repair to Existing System		
To be constructed by <u>Jimmy Collins</u> (Installer)	Type of System: ☒ 1. Standard () 3. Chapter 301 () 2. Alternating () 4. Chapter 212			
Construction of a subsurface sewage disposal system is hereby authorized at: <u>Fly Hollow Rd.</u> (No. and street; Subdivision name and lot no.)	For: ☒ 1. Residential: No. B/R <u>3</u> () 2. Commercial/Industrial; Gal/Day _____			
Such a system shall consist of a septic tank of <u>1000</u> gals, with <u>300</u> linear feet in <u>3</u> trenches, <u>36</u> inches wide, and <u>24-30</u> deep or _____	Evaluation based Upon: () 1. Soil Typing by Soil Scientist () 2. Soil Percolation Tests ☒ 3. Other Permeability Rate <u>45 MPI EST SOIL TEXTURE & COLOR</u>			

The recipient of this permit agrees to construct or have constructed the system in accordance with the rules and regulations under the authority of TCA 53-2054. The recipient must notify the local health authority when the system is ready for inspection. If any part of system is covered before being inspected and approved, it shall be uncovered by the recipient of the permit at the direction of the local health authority.

Issued at _____ Date Sept 26, 1989
 (Signature of Recipient-Owner, Developer, Contractor, Etc.)
 By James D. Forber MCHD, Tennessee in the County of MAURY
 (Local Health Authority) Date Sept 26, 1989



Inspected By Dale Robinson
Local Health Authority

Date 13 FEB 92

Construction Approval: ☒ 1. Yes () 2. No

No. of Visits: _____

Time

SEPTIC TANK CARE

Residential sewage disposal systems are generally used in rural and unsewered suburban areas. A septic tank system must be properly designed, installed and maintained if reasonable service is to be expected.

A septic tank is a water tight structure in which organic solids are decomposed by natural bacterial processes. The flow of sewage is slowed in its passage through the tank so that larger solids settle to the bottom and accumulate as sludge. Grease and lighter particles rise to the surface and form scum.

The bacteria present in a tank are able to thrive in the absence of oxygen. Such decomposition in the absence of air is called "septic," which led to the naming of the tank. Solids and scum are digested and reduced to a smaller volume by the bacteria in the tank. However, a residue of sludge remains which must be stored during the interval between tank and cleanings.

The partially treated sewage, or effluent, flowing from the tank is still septic and contains large numbers of harmful bacteria and organic matter in a finely divided state or in solution. Foul odors, unsightly conditions and health hazards will develop if this effluent is ponded on the surface of the ground or carried away in open ditches. Final disposal of the effluent in a subsurface soil absorption system or filter is necessary to avoid these problems.

LOCATION

To facilitate inspection and maintenance, it is imperative that the homeowner knows the location of all parts of the disposal system. Such information may be obtained from the local health authority. Details and accurate measurements including the location of the tank, pumps, underground piping, and the absorption system should be shown on a sketch for future reference.

The local health authority should be consulted to determine the minimum requirements relating to distance between disposal systems and water supply facilities.

MAINTENANCE

The frequency of cleaning depends on the size of the septic tank and the number of people it serves. When a garbage grinder is used, more frequent cleaning will be required. With ordinary use and care, a septic tank may require cleaning every 2 or 3 years. However, in many cases septic tanks can be satisfactorily operated even longer. The homeowner should determine for himself when his tank needs cleaning.

Actual measurement of sludge deposit and scum accumulation is the only method of determining when a tank needs to be cleaned.

Scum can be measured with a stick to which a weighted flap has been hinged, or with any device that can be used to feel out the bottom of the scum mat. The stick is forced through the mat, the hinged flap falls into a horizontal position, and the stick is raised until resistance from the bottom of the scum is felt. With the same tool, the distance to the bottom of the outlet device can be found.

A long stick wrapped with rough white toweling and troweled to the bottom of the tank will show the depth of sludge and the liquid depth of the tank. The stick should be lowered behind the outlet device to avoid scum particles. After several minutes, if the stick is carefully removed, the sludge line can be distinguished by sludge particles clinging to the toweling.

In two-compartment tanks, measurements should be made near the outlet of the first compartment. The tank should be cleaned if either (a) The bottom of the scum mat is within 3 inches of the bottom of the outlet device; or (b) sludge comes within the limits specified in the accompanying table.

LIQUID CAPACITY OF TANK GALLONS			LIQUID DEPTH		
750	900	1,000	3 feet	4 feet	5 feet
6	4	4	10	7	6
13	10	8			

Distance from bottom of outlet device to top of sludge, inches.

Do not allow any person who does not have a health department permit to pump your septic tank. Septic tanks are usually cleaned by companies who make this operation a business. The homeowner should check with the local health department for the names of reputable companies in the area.

There are no known chemicals, yeasts or other substance capable of eliminating or reducing the solids in a septic tank so that cleaning is unnecessary. The use of such product is not necessary for the proper operation of a septic tank.

Septic tanks and absorption systems frequently are damaged by heavy trucks or equipment moving over them. Reference to the location sketch of the system will be found helpful in directing heavy vehicles away from the critical areas. If there is no way to avoid crossing a sewer line, cast iron should be used under the crossing. The roots of trees and shrubbery may enter the tile lines and clog them completely. When this occurs, the roots can be removed only digging up and cleaning the tile line.

Neglect of the septic tank is the most common cause of damage to soil absorption systems. When the tank is cleaned, solids build up and are carried over into the absorption system causing clogging of the soil. When happens the absorption system must be relocated and rebuilt.

PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

247978

Issued to: TERRY C. JONES
Owner, Developer, Contractor, Installer, Etc.

To be constructed by _____
(Installer)

Construction of a subsurface sewage disposal system is hereby authorized at:

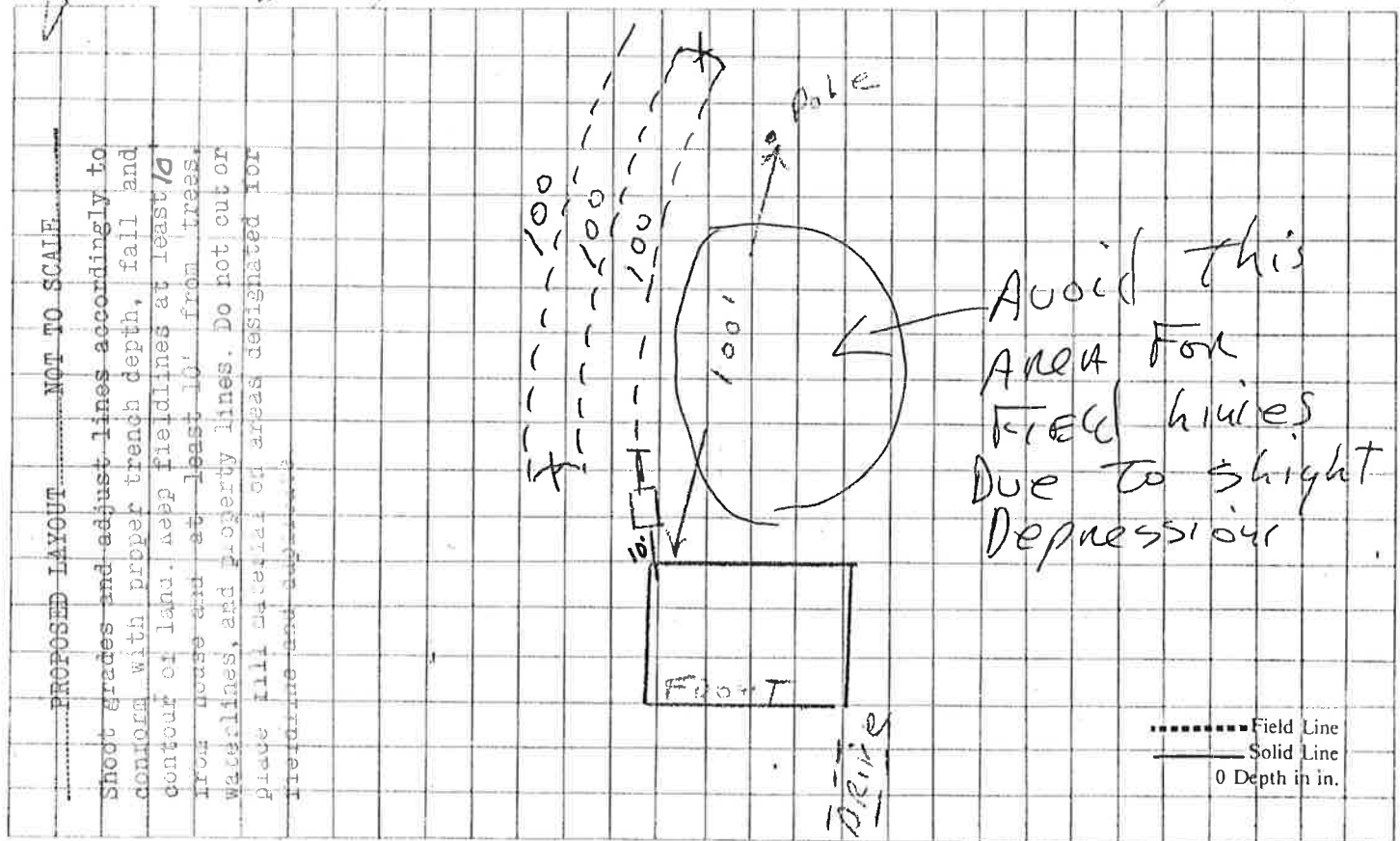
Fly Hollow Rd.
(No. and street; Subdivision name and lot no.)

Such a system shall consist of a septic tank of 1000 gals.
with 300 linear feet in 3 trenches,
36 inches wide, and 64-30 deep
or _____

REGION <u>06</u>	COUNTY <u>60</u>	ID-NUMBER	DATE <u>09-26-89</u>
STAFF <u>205</u>		INSTALLATION: ☒ 1. New Installation () 2. Repair to Existing System	
Type of System: ☒ 1. Standard () 2. Alternating		() 3. Chapter 301 () 5. Other () 4. Chapter 212	
For: ☒ 1. Residential: No. B/R <u>3</u> () 2. Commercial/Industrial; Gal/Day _____			
Evaluation based Upon: () 1. Soil Typing by Soil Scientist () 2. Soil Percolation Tests ☒ 3. Other			
Permeability Rate <u>4.5 HPIE EST SOIL TEXTURE</u> <u>of Cohesive</u>			

The recipient of this permit agrees to construct or have constructed the system in accordance with the rules and regulations under the authority of TCA 53-2054. The recipient must notify the local health authority when the system is ready for inspection. If any part of system is covered before being inspected and approved, it shall be uncovered by the recipient of the permit at the direction of the local health authority.

(Signature of Recipient-Owner, Developer, Contractor, Etc.) Date Sept 26, 1989
Issued at _____, Tennessee in the County of Madison
By James H. Jones Date Sept 26, 1989
(Local Health Authority)



Inspected By _____
Local Health Authority
Date _____

Construction Approval: () 1. Yes () 2. No

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No. of Visits: _____

Time

(B)

APPLICATION FOR ENVIRONMENTAL SERVICES
DIVISION OF GROUNDWATER PROTECTION

SEPTIC SYSTEM PERMIT

Landowner:

Name Terry C. Jones
Address R6 Bendinches Trct Rd.
Franklin, TN 37064
Daytime Phone 790-0226

Applicant:

Name Terry C. Jones
Address R6. Bendinches Trct Rd.
Franklin, TN 37064
Daytime Phone 790-0226

Is the lot in a subdivision? NO Name of subdivision _____ Lot# _____

Give specific directions: Go To Fly TN Go up Fly Hollow Rd.
ABOUT a mile a Half on RIGHT. House Stakes will Be in Back of
Type of structure: House X Mobile Home _____ Other (explain) _____ Land

Type of water supply: Public _____ Well _____ Spring X

Size of lot/tract: 23.65 ACRES Number of bedrooms: 3 Number of occupants: 1

Will structure have a basement/cut? NO If yes, will basement have plumbing? _____

If so, what type of plumbing: bathroom _____ washing machine _____ other (explain) _____

Is the lot staked? (corners) yes If the lot is less than 5 acres in size, lot staking is needed.

Are the 4 corners of the house staked? no ~~yes~~ If not, when will it be staked? Today

STRUCTURE LOCATION MUST BE STAKED PRIOR TO PERMIT VISIT BEING MADE.

Name of installer if known: unknown

Use the back of this sheet to sketch site showing house location, driveway, roads, and any other important features at site.

I certify that the above information is true and correct to the best of my knowledge.

Signature Terry C. Jones Date SEPT. 19 89 Receipt no. _____
Make check payable to: Treasurer, State of Tennessee.

ALL FEES ARE DUE IN ADVANCE AND ARE NON-REFUNDABLE

Permit fee is \$50.00 per permit up to 1000 gallons per day, \$10.00 each additional 1000 gallons per day.

Gay Trailers



Spring

Woods

Driveway

Two Stakes

House Stakes



Woods

E

Electric Line

Fly Hollow Rd.

