

TYPICAL PERCOLATION TESTING METHOD

1. Dig six (6) holes minimum, diameter of 6" to 10" to a depth of 20" (unless otherwise required). Scratch the sides and bottom of each hole to promote good drainage and number each hole. Place 2" of gravel in hole.
2. For initial presoaking, place 12" of water in each hole eight (8) to twenty four (24) hours prior to initiation of the testing.
3. At the end of the initial presoak, measure the amount of water left in each hole and record the water loss along with the amount of hours taken.
4. Place a nail in the side of each hole 6" from the top of the gravel. Place another nail near the top of each hole an even distance above the first nail and record that distance. Make this distance between nails the same in each hole.
5. For final presoak, place 6" of water over the gravel, wait 30 minutes, readjust water level to 6", wait 30 minutes, record final presoak water drop.
6. Fill each hole with water to the first 6" level.
7. After 30 minutes, carefully measure the distance from the top nail down to the water level. Now subtract the distance between nails from the last measurement, giving the drop in water level for that 30 min. period. Record this measurement for each hole to the nearest 1/8".
8. Refill each hole to the first nail 6" level and continue as described in item 7 above for a total of 8 readings, four (4) hours of testing.

NOTE: In the event any hole loses water at a rate of more than 6" in thirty (30) minutes, refill the hole to 6" and take the reading every ten (10) minutes on that hole.

Bob Lohr
Sewage Enforcement Officer
No. 01612
Phone: 929-8877

Percolation Test Hole Preparation

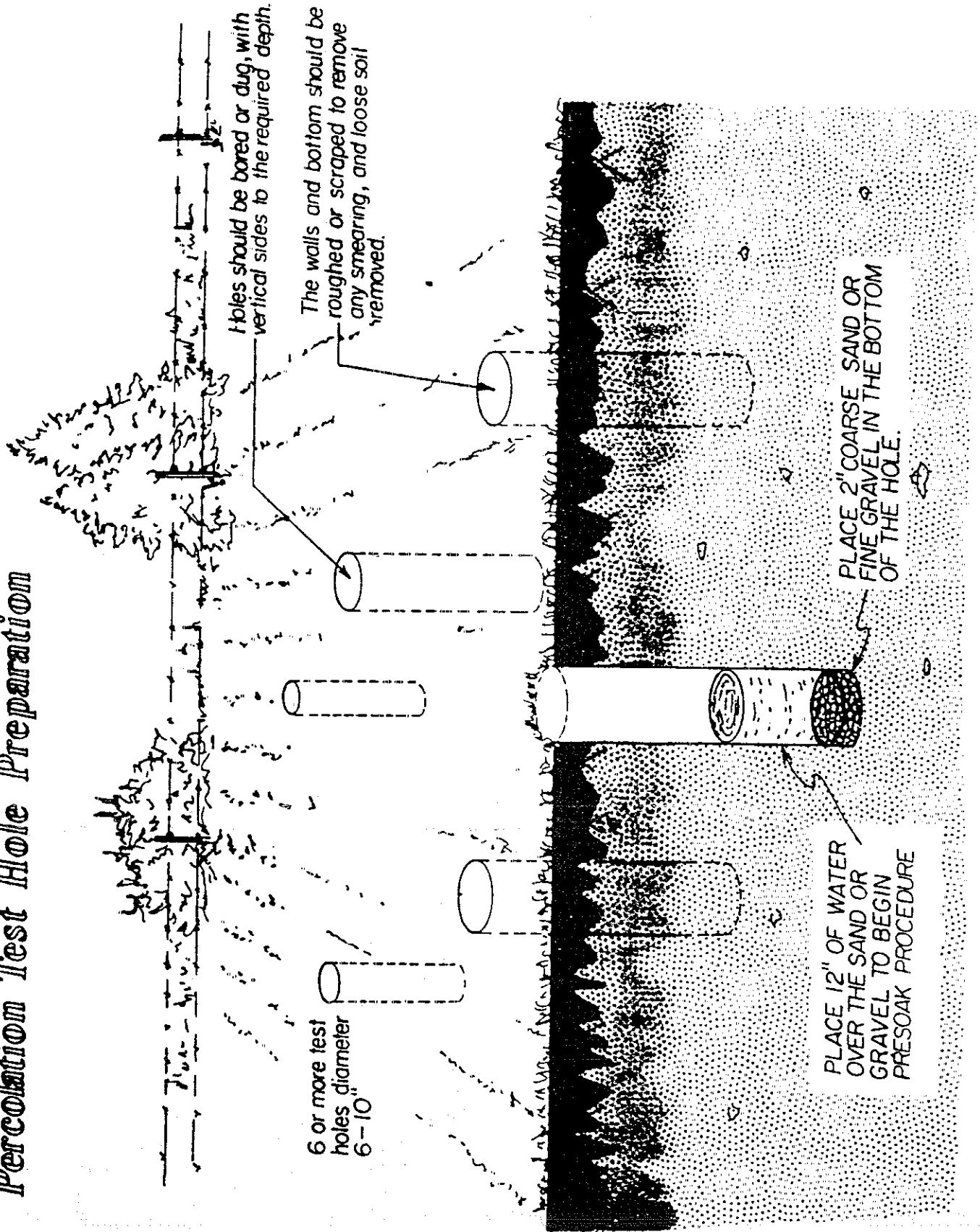


figure VII - 2

GENERAL SEWAGE PERMIT INSTRUCTIONS

1. Obtain a sewage permit application from the Municipal Building and pay the designated fee.
2. Call Bob Lohr (724-929-8877) Sewage Enforcement Officer for soil testing instructions and schedule a preliminary site inspection.
3. Call PA One Call (1-800-242-1776) to locate utilities on the property.
4. Dig a minimum of two test pits in the general location of the proposed sewage system as per attached detail. Certain situations may require numerous pits and may require the applicant to contract a soils consultant to also examine the pits. Call Bob Lohr for inspection.
5. Upon approval of step 4, dig a minimum of six (6) percolation holes (usually 6" diameter and 20" deep) unless otherwise required, in the general area of the proposed sewage system. Certain systems reviewed by the applicant's soils consultant may not require percolation testing.
6. Upon receipt of test results, the applicant must design (or have designed) a specific sewage system based on the test results. As per state regulations, the local sewage officer cannot design the system for the applicant.
7. Upon receipt of a proper design, the sewage permit can be issued and the building permit can then be applied for. Certain designs may require a preliminary review by D.E.P. The sewage permit is valid for three (3) years. The sewage system must be inspected by Bob Lohr prior to final covering. Certain systems may require an operations and maintenance agreement with the township.

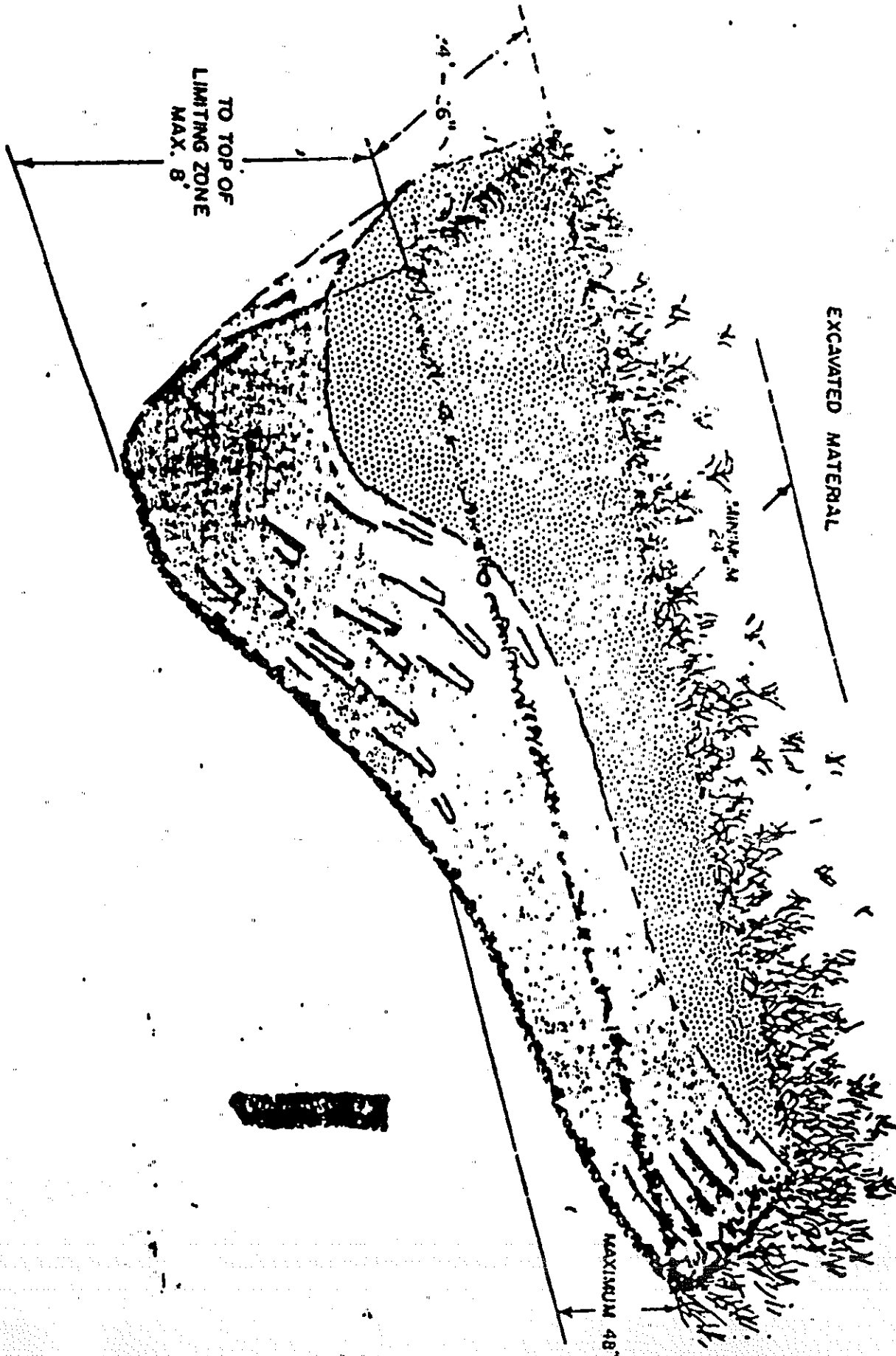


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