

MONROE COUNTY
DEPARTMENT OF PUBLIC HEALTH
111 Westfall Road-P.O. Box 92832 Rochester, New York 14692
Room 916

INDIVIDUAL SEWAGE DISPOSAL SYSTEM REPAIRS

1. Fill out application form and send to Monroe County Department of Public Health with application fee.
 - A. Make three percolation tests to determine the absorption capacity of your soil and enter the results on your "Construction Permit".

See instructions for making percolation tests. Test results to be shown on "Construction Permit".
 - B. Complete the "Construction Permit" application using the information obtained from the percolation tests and then by using Table No.5. Note that homes built prior to 1980 must use 150 gpd/bedroom, unless water saving devices have been installed. After being received in the Health Department Office, a site inspection will be made. If the proposal is approved, a copy of the construction permit will be returned to you. A copy also will be mailed to the installer.
 - C. Submit appropriate environmental health fee along with the Construction Permit Application.

Fee Schedule: Repairs- \$200

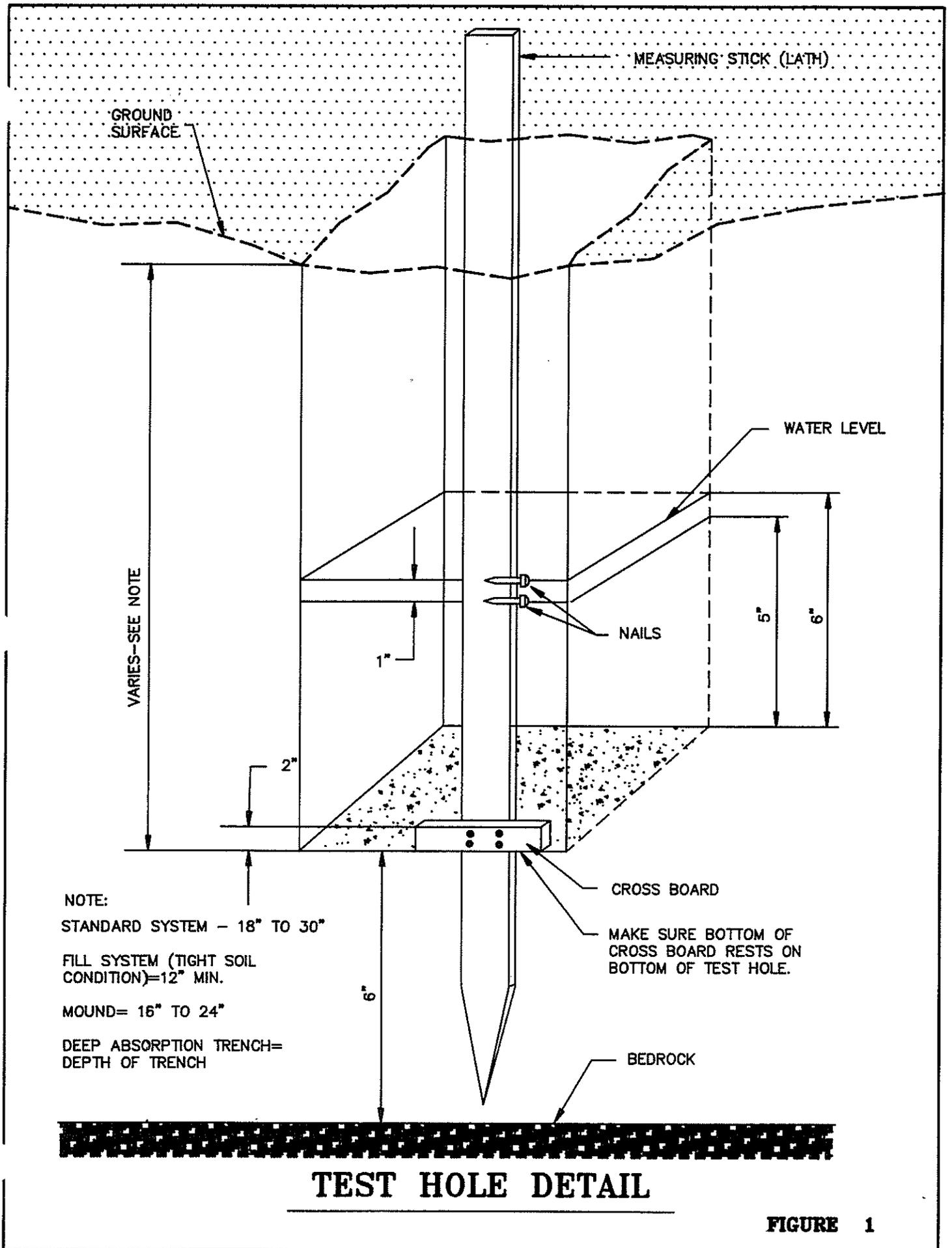
Notify this Office, after installation has been completed and just before backfilling, for the necessary Health Department inspection.

Questions concerning a permit application or installation of a system can be directed to the individual sewage disposal section by calling 753-5060.

INSTRUCTION FOR DOING PERCOLATION TESTS

(See Figure 1)

- (a) Dig or bore 3 holes with straight sides having a diameter/width of 12 inches to the estimated depth of the proposed absorption trenches (18-30 inches) in the proposed leach area (approximately 40 feet from house).
- (b) Prior to making the tests fill the holes with water and allow it to completely seep away. After the water has seeped away, remove any soil, etc. that has fallen on the sides of the holes.
- (c) Fill the hole with water to a depth of 6 inches.
- (d) Observe and record the time in minutes required for the water to drop 1 inch (from 6 inches to 5 inches).
- (e) Repeat the test (as called for in c and d above) until the time for the water to drop 1 inch for two successive tests gives approximately equal results (within 10%). The last test will then be taken to represent the stabilized rate of percolation. The time recorded for this test will be used as the basis of design in determining the square feet of leaching or absorption area required for the subsurface sewage disposal works.
- (f) Do not backfill test holes, cover with a board and mark with stake.
- (g) After the permit is received, a Health Department Representative will conduct a site inspection. Perc holes will be checked for the type of soil, ground water, seepage and mineral deposits. Due to certain conditions a deep hole may be required.



NOTE:
 STANDARD SYSTEM - 18" TO 30"
 FILL SYSTEM (TIGHT SOIL
 CONDITION)=12" MIN.
 MOUND= 16" TO 24"
 DEEP ABSORPTION TRENCH=
 DEPTH OF TRENCH

CROSS BOARD
 MAKE SURE BOTTOM OF
 CROSS BOARD RESTS ON
 BOTTOM OF TEST HOLE.

TEST HOLE DETAIL

FIGURE 1

Table 5: Minimum Length of Absorption Trench Required

Perc Rate (Minutes per Inch)	Flow Rate (Gallons per Day)															
	2 Bedroom			3 Bedroom			4 Bedroom			5 Bedroom			6 Bedroom			
	220	260	300	330	390	450	440	520	600	550	650	750	660	780	900	
	Required Trench (Ft)			Required Trench (Ft)			Required Trench (Ft)			Required Trench (Ft)			Required Trench (Ft)			
1 - 5	92	108	125	138	162	187	184	216	250	230	270	312	275	325	374	
6 - 7	110	130	150	165	195	225	220	260	300	275	325	375	330	390	450	
8 - 10	123	145	167	184	217	250	245	290	333	306	360	417	367	433	500	
11 - 15	138	162	188	207	244	281	275	325	375	344	406	469	413	488	563	
16 - 20	158	186	214	236	279	321	315	372	429	393	464	536	472	557	643	
21 - 30	184	217	250	275	325	375	367	433	500	459	542	625	550	650	750	
31 - 45	220	260	300	330	390	450	440	520	600	550	650	750	660	780	900	
	<i>Dosing NOT Required</i>							<i>Dosing or Alternate Design Required</i>								

- Note(s):**
1. Greater than 500 LF of trench requires dosing.
 2. Greater than 1,000 LF of trench requires alternate dosing.