

## **DESIGN PLAN REVIEW INSTRUCTIONS**

When submitting a design plan for review, the following information must be included and must have been completed. Missing or incomplete information will delay the processing and review of the application and design plan.

1. The Site and Soil Evaluation Form must have been completed by a qualified soil evaluator and the areas for the sewage treatment system (STS) must have been designated on a site plan. The site plan must include labeled areas for the initial system and the complete replacement sewage treatment system (STS).
2. A proper site review application (see the enclosed instructions) and all the paperwork necessary for the site review must be submitted with the design plan.
3. The designer must include the reasoning and justification for the layout and specifications of the chosen design. This reasoning must be based on the site and soil evaluation form information.
4. The design choice must be based on the daily flow of the proposed dwelling and must be sized accordingly. The design must be able to handle possible peak daily flows. The daily design flow rate must be included on the plan.
5. The design plan of the actual STS must at least include the following information:
  - A. A scaled drawing, (1"=50' or less), detailing the entire sewage treatment system with labeling for the house location, driveway location, property lines, water system, proposed or existing structures or swimming pools, disturbed areas, ponds, streams or ditches and any other information that will be important to the installation of the proposed sewage treatment system.
  - B. A topographic map of the lot drawn to 1-foot contours must be included within the design plan and layout.
  - C. North direction arrow.
  - D. A clearly identified and labeled benchmark. This benchmark must be protected throughout the entire building and installation process.
  - E. The location of the soil excavation sites must be included on the plan.
  - F. The location and dimensions of all STS components. Easements, wooded areas, water systems, disturbed areas and structures within 50 feet of the STS components must be labeled.
  - G. The location of the designated replacement sewage treatment system area.
  - H. Details on the continued access of all components to provide for operation and maintenance inspections.
6. A profile drawing showing the elevations for the depth of trench, tile inverts (bottom of the tile), house plumbing, septic tank and all other components. The profile drawing will ensure that the proposed flow of effluent will comply with the rules.
7. A list of all proposed STS components, materials, specifications, installation guidelines, operating instructions and any special installation details.
8. Design notes providing extra information shall include sewage treatment system area protection, installation requirements, installer requirements, start-up procedures, special equipment details, and any other notes that will be important to install the STS correctly.
9. A note requiring that any and all changes to the design must be approved by the designer before installation takes place.

More information about design plans may be found in the Greene County Combined Health District Sewage Treatment System Regulations