

Chapter 223. Sewage Disposal

Article II. General Requirements

§ 223-6. Plan of sewage disposal system.

All of the following information will appear on a single plan with a maximum size of 24 inches by 36 inches and using a scale of one inch equals 20 feet. A different scale will require prior approval of the Southborough Board of Health.

A. The lot completely dimensioned and the names of all abutters: a North arrow and bench mark within 100 feet of the proposed system; the name and address of the applicant and the design engineer; the location, dimensions and all offsets of the proposed system and future expansion areas; the estimated daily flow; the design calculations; and the total leaching area provided for in square feet of sidewall area only (trenches and seepage pits).

B. The existing and proposed contours and elevations with a minimum of two-foot intervals and the location, elevation and dated soil log of all deep observation holes and percolation tests; note on the plans percolation tests performed after overnight soak, if performed.

C. The maximum groundwater elevation and determination data in the area of the sewage disposal system; the location of any streams, surface and subsurface drains, driveways and wetlands within 150 feet of the sewage disposal system; if a well is to serve the lot, the proposed well location with offsets and all known sewage disposal systems within 150 feet of the proposed well; the water service; and all known sources of water supply (wells and reservoirs) within 200 feet of the proposed sewage disposal system.

D. A profile of the entire system with the following elevations shown:

- (1) Invert elevation at the building foundation.
- (2) Invert elevations of the inlet and outlet of the septic tank.
- (3) Septic tank dimensions.
- (4) Invert elevations of the inlet and outlet of the distribution box.
- (5) Elevation of the basement floor.
- (6) Elevation of the top of the foundation.
- (7) Number of outlets in the proposed distribution box.
- (8) Invert elevations of both the beginning and end of all trenches when used.
- (9) Invert elevation of pipe at the seepage pit when used.
- (10) Elevation of the bottom of the trench or seepage pit and water table elevations.

E. All existing and proposed structures and a typical cross section of leaching areas (trenches and seepage pits).

F. The following notes shall be a part of the submitted plans:

(1) All construction is to conform to the requirements of the Massachusetts Department of Environmental Quality Engineering, Title 5, and the Town of Southborough Rules and Regulations.

(2) Any alteration to the approved system must be submitted to the Board of Health prior to construction for the Board's approval.

(3) The pipe from the building to the septic tank shall be four-inch cast iron, ductile iron or Schedule 40 PVC and shall be straight for its entire length or have bends with manholes. The pipe from the septic tank to the distribution box shall be four-inch cast iron, ductile iron or Schedule 40 PVC only. The pipe from the distribution box to the beginning of the leaching area shall be four-inch cast-iron, ductile iron or Schedule 40 PVC only.

(4) After construction, this system will be inspected and certified by a registered engineer and the Board of Health. A certificate of compliance from the engineer will be required, indicating that the system has been located and constructed in compliance with the terms of the permit, prior to the final approval of the Board of Health.

(5) The Board of Health reserves the right to require any additional information which it feels is necessary for the plan.

G. The septic system designer will not be permitted to install any system which he/she designed.

Chapter 223. Sewage Disposal

Article III. Location

§ 223-26. General requirements.

The location and installation of each individual sewage disposal system or other means of disposal shall be such that, with responsible maintenance, it will function in a satisfactory manner and will not create a nuisance or discharge into any watercourse of the commonwealth.

All components of the sewage system shall be accessible from the lot being served for the purpose of maintenance and repair or replacement, excluding those lots accessed by common driveways. In determining a suitable location for the system, consideration shall be given to the size and the shape of the lot, slope, natural and adjusted drainage, existing and known future water supplies, depth to groundwater, presence of impervious material, soil classifications and

reserve area. No disposal works construction permit, as described in § [223-2](#), shall be issued until a representative of the approving authority has:

[A.](#) Performed a site examination.

[B.](#) Witnessed deep observation holes.

[C.](#) Witnessed percolation tests.

[D.](#) Approved the proposed sewage disposal plan.