



St. Joseph County Health Department

"Promoting physical and mental health and facilitating the prevention of disease, injury and disability for all St Joseph County residents"

SEPTIC PERMIT DRAWING REQUIREMENTS

The following are the requirements for drawings submitted as part of a septic permit application. Drawings must be drawn to scale, legible, and accurately depict all of the following features that are applicable to the design submitted. **Drawings that do not meet these requirements will be rejected.**

1. Design/Drawing Submittal cover sheet must be submitted.

2. Site Information (Include all that apply):

- North directional indicator and scale.
- Buildings and associated features (driveways and outbuildings).
- Any existing drywells, tanks or other components to be abandoned.
- Existing septic absorption area.
- Homeowner's well and all adjacent neighbors' wells.
- Electrical, gas, and water lines that may affect the design.
- Soil boring locations and numbers.
- Lakes, ponds, streams, rivers, retention basins that may affect the design or are near the setbacks.
- Property lines.
- Easements and right of ways that may affect the design.
- Large trees that may impact the design.

3. Design Information (Include all those that apply):

Description of tanks to be used or installed including:

- Size
- Depth to invert elevation (bottom of outlet)
- Is the tank in working condition with a baffle?

Area of absorption field showing:

- Length and width of field.
- Number, length, and separation distance for trenches.

Linear distance from and location of:

- House to tank(s) with proposed pipe location marked.
- Tank to D-box with proposed pipe location marked.
- D-box to absorption field with proposed pipe locations marked.
- Absorption field to property lines.
- Absorption field to any other item with setback requirements in 410 IAC 6-8.1.
- Fifty foot radius of wells on property and adjacent properties (100 feet radius for commercial applications).

Cross section of proposed trenches showing:

- Minimum and maximum trench depths.
- Aggregate and cover thicknesses.
- Pipe and stone or chambers.

Detailed plan of perimeter drainage if required system showing:

- Location of drain and distance from absorption area.
- Drain discharge point.
- Cross section showing gravel depths.
- Elevations as needed to show trench depth can be maintained or to complete pump assisted work sheets.

For new construction show:

- Location of absorption area for a replacement system (use same size as the original system).

4. Other Documentation (Include all those that apply):

- Variance Request if a deviation from the approved specifications is proposed.
- Health Department flood dose, pressure distribution, or mound system work sheets.
- Pump brand and model, size, and curves with system requirements plotted.
- Other information specified by the Health Department.