

## SEPTIC SYSTEM SITE PLAN SPECIFICATIONS

**The Johnson County Health Department currently uses Indiana State Department of Health Rule 410 IAC 6-8.3 to regulate septic system installations.**

It should be noted that drainage is sometimes critical in the development of property utilizing septic systems and the Health Department will generally require proof of drainage connections to be utilized on a site. Existing tile on a property may have to be located and exposed to verify drainage suitability and at times, new tile may need to be installed. Occasionally, a recorded drainage easement may need to be obtained prior to release of a septic permit. Perimeter drainage outlets may not be installed in locations that may directly affect other properties downstream from the drainage outlet.

**Roadside ditches are not suitable for perimeter drainage outlets without written approval from the Johnson County Highway Department.**

**A pre-construction/planning meeting is required with the contractor on the site.**

The items listed below are to be shown on a site plan prior to obtaining a septic permit:

- General plot plan drawn to scale. Indicate North
- Show all structures existing and proposed (driveways, pools, decks, sheds etc.)
- Indicate soil boring locations
- Show property lines and any easements, utilities
- Show locations of ponds, creeks, ravines, existing field tiles
- Floor plan elevations (if applicable)
- Water supply and appropriate setbacks (50 feet for well, 10 feet for water lines)
- Topographic contour elevations
- Septic tank size, location, manufacturer, outlet filter, gas tight riser(s) safety lid
- Indicate all pipe lengths, sizes, slopes and specifications (ASTM numbers)
- Indicate distribution box location, 90 degree elbow and breather hole at top of elbow
- Indicate trench lengths, depths, and spacing and include a cross-section diagram
- Indicate perimeter drainage location, depth, slope and outlet elevation, animal guard and include a cross-section diagram
- Include pump tank size, pump specifications, pump curve and the calculations used to determine the pump specified (if applicable) and the audio visual alarm.

Force mains must drain completely. Use a NEMA 4X box with compression fittings – solid stainless hardware fasteners (300) MUST be used. CORD TETHERS designed for wastewater applications (no clamps, tape or zip ties) A separate float tree is usually better for attaching various floats