

## PLAN REVIEW CHECKLIST SUMMARY

- \_\_\_\_\_ Property owner's name, property location, date of design or revision.
- \_\_\_\_\_ Plat of property, including all property lines and dimensions. Geographical north.
- \_\_\_\_\_ Location of existing and proposed house, well, outbuildings and other structures, including large trees or landscape features.
- \_\_\_\_\_ Contour elevation lines and drainage characteristics of lot.
- \_\_\_\_\_ All applicable separation distances as outlined in Rule 410 IAC 6-8.3 Sec. 57 on the property and adjacent properties..
- \_\_\_\_\_ Wetlands and floodplains (if applicable).
- \_\_\_\_\_ Locations of utilities, easements, right-of-ways and building lines.
- \_\_\_\_\_ Locations of all soil borings and soil pits, marked with boring number, letter, etc.
- \_\_\_\_\_ Elevation/location of temporary benchmark and/or National Geodetic Survey benchmark.
- \_\_\_\_\_ Proposed locations of all components of the septic system including sewer lines, tank(s), distribution devices, soil absorption field, surface diversion and subsurface drainage.
- \_\_\_\_\_ For subsurface trench systems:
- Cross section detail of trench construction.
  - Existing ground elevations along each proposed trench.
  - Invert elevation of each trench bottom.
  - Connection of each trench individually connected to the distribution box or manifold.
- \_\_\_\_\_ For elevated sand mound systems:
- Entire footprint of the system, including aggregate bed, sand and soil cover.
  - Close up view of aggregate bed, pressure distribution network and 1' sand border.
  - Cross section view of the system, including effluent force main approach, plow depth, sand depth, aggregate depth and dimensions.
  - One complete lateral, including connection to manifold, hole placement and endcap.
- \_\_\_\_\_ For drainage:
- Cross section detail of surface diversion and subsurface drainage construction.
  - Ground and invert elevations of each section of subsurface drain.
  - Location of surface diversion and subsurface drainage.
  - Location and conditions of subsurface drainage outlet.
- \_\_\_\_\_ List of materials to be used in the system installation including manufacturer/model of component, piping specifications, and aggregate specifications.
- \_\_\_\_\_ Manufacturer's cross sectional detail of tank(s), including float settings for dosing tanks.
- \_\_\_\_\_ Pump performance curve indicating pump manufacturer/ model with operating point indicated.
- \_\_\_\_\_ Calculations of dosage, drainback and total dynamic head for systems utilizing a pump.
- \_\_\_\_\_ Copy of recorded bedroom affidavit and/or easements (if applicable).
- \_\_\_\_\_ Signature of septic installer to verify system, as designed, will be installed in compliance with Rule 410 IAC 6-8.3 and local ordinances.

**410 IAC 6-8.3-57 Separation distances**

Sec. 57. (a) All septic tanks, dosing tanks, lift stations, and soil absorption systems shall be located in accordance with Table I as follows:

Table I – Separation Distances		
Minimum Distance in Feet from	Septic Tank and Other Treatment Units, Dosing Tank, Lift Station	Soil Absorption System
Private water supply well <sup>1,2</sup>	50	50
Private geothermal well <sup>1,2</sup>	50	50
Commercial water supply well <sup>1</sup>	100	100
Commercial geothermal well <sup>1</sup>	100	100
Public water supply well, lake, <sup>1,3,4</sup> or reservoir <sup>1,3,4</sup>	200	200
Other pond, retention pond, lake, or reservoir <sup>3</sup>	50	50
Storm water detention area <sup>3,5</sup>	25	25
River, stream, ditch, or drainage tile <sup>5</sup>	25	25
Buildings, foundations, slabs, garages, patios, barns, aboveground and belowground swimming pools, retaining walls, closed loop geothermal systems, roads, driveways, parking areas, or paved sidewalks	10 <sup>7</sup>	10 <sup>8</sup>
Front, side, or rear lot lines	5	5
Water lines continually under pressure	10	10
Suction water lines	50	50
<sup>1</sup> The distances enumerated shall be doubled for soil absorption systems constructed where there exist horizons, layers, or strata within thirty-four (34) inches of the ground surface with a soil loading rate greater than seventy-five hundredths (0.75) gallons per day per square foot as determined from Table IV of section 70(b)(8) of this rule, unless that hazard can be overcome through on-site sewage system design.		
<sup>2</sup> The separation distance to a private water supply well abandoned in accordance with 312 IAC 13-10-2(e) may be reduced to ten (10) feet.		
<sup>3</sup> Measured from the normal or ordinary high water mark.		
<sup>4</sup> See subsections (b) and (c)		
<sup>5</sup> Storm water detention area: area designated for the temporary detention of storm water, with the outlet located at the lowest elevation of the depression.		
<sup>6</sup> See section 59(f) of this rule for subsurface drainage system separation.		
<sup>7</sup> Patios without footers, aboveground swimming pools, and sidewalks may be located within ten (10) feet of septic tank, as long as no required access points are obstructed.		
<sup>8</sup> A minimum separation of ten (10) feet is required on all sites.		