

3 Standard Subsurface Disposal System Design

3.1 Dimensional Requirements

Revision: July 18, 2013

Figure 3-1 shows the major horizontal separation distance requirements for a standard drainfield. Figure 3-2 shows the major horizontal separation distance requirements for a septic tank.

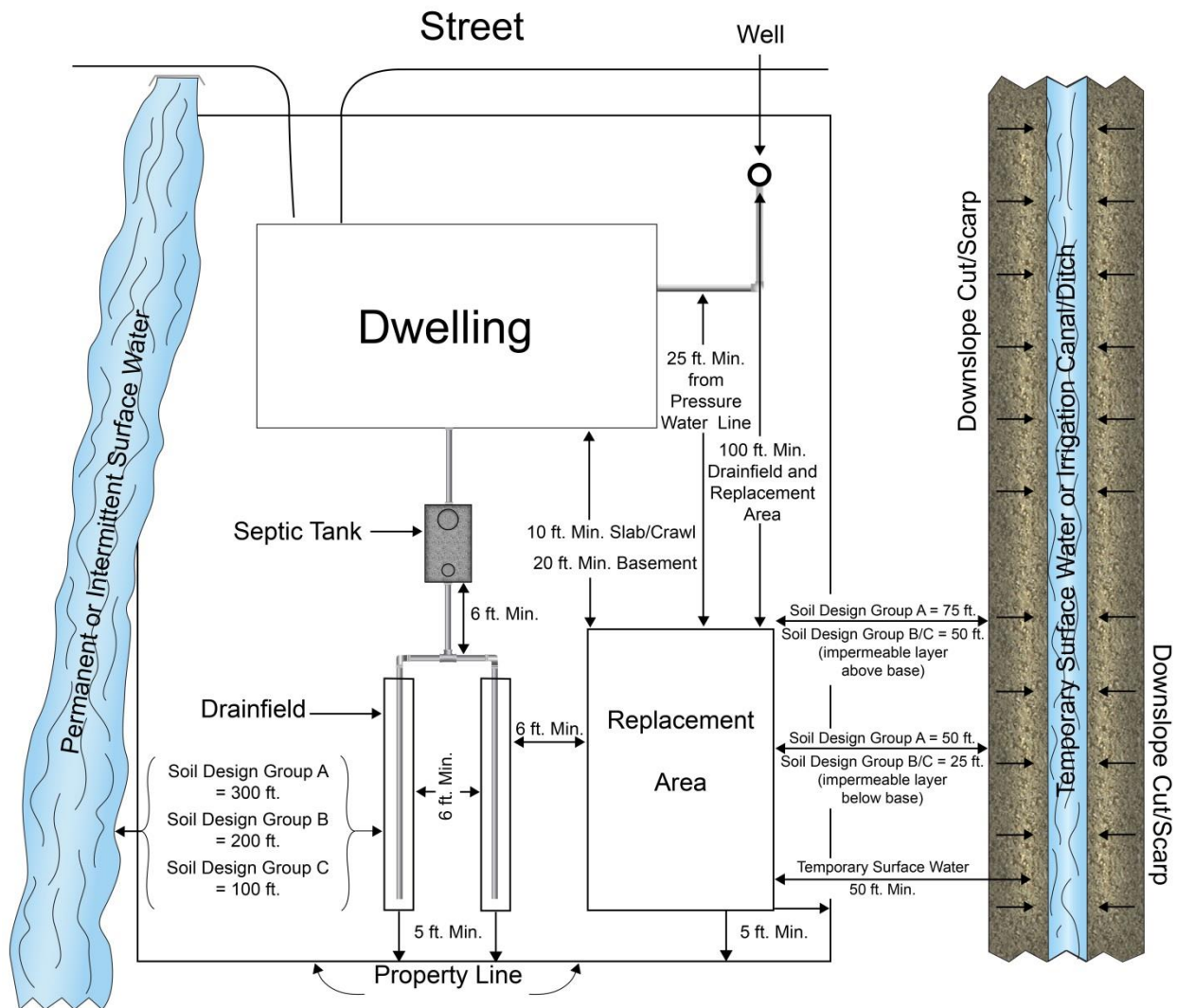


Figure 3-1. Horizontal separation distance requirements for a standard drainfield (IDAPA 58.01.03.008.02.d and 58.01.03.008.04).

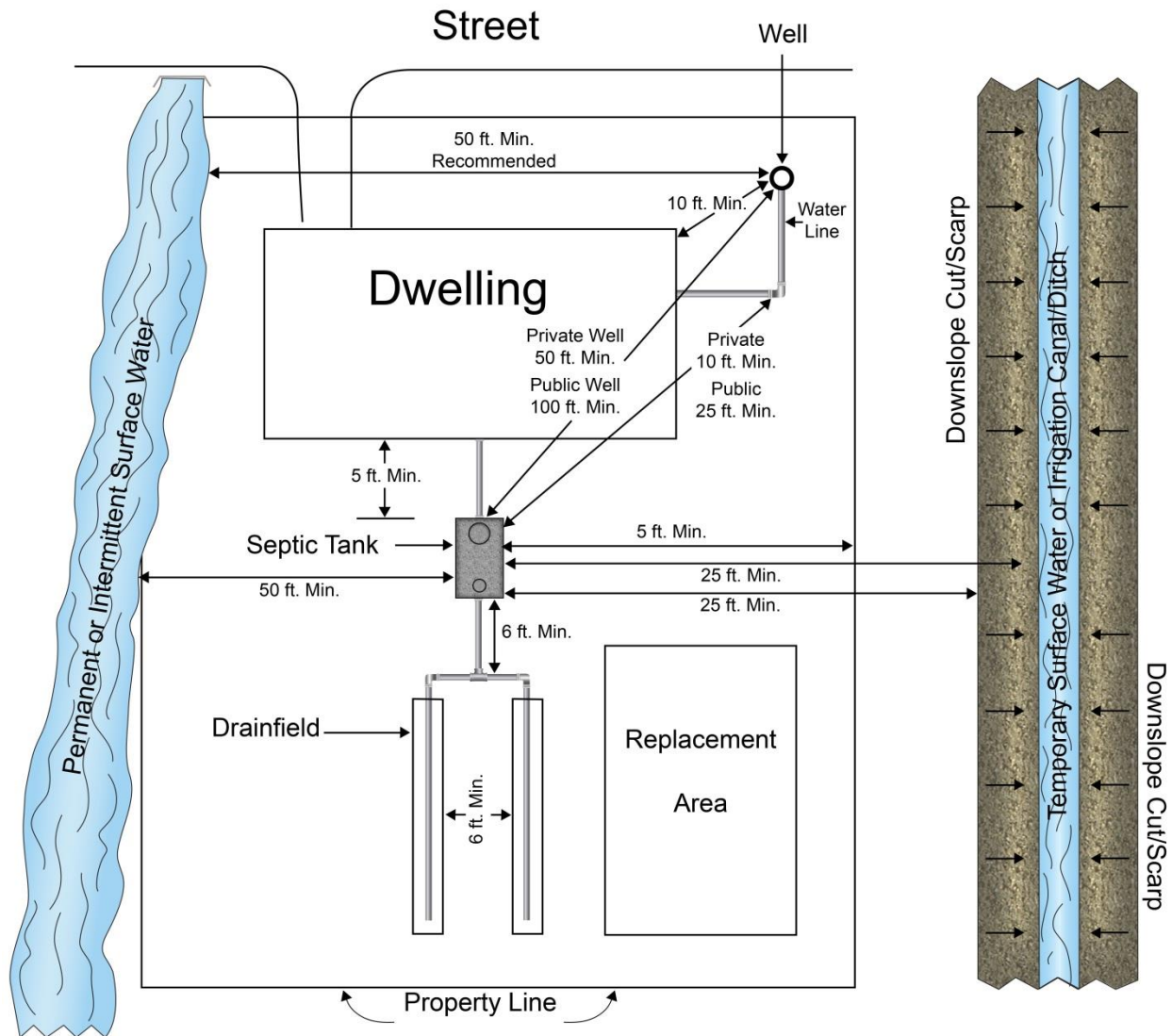


Figure 3-2. Horizontal separation distance requirements for a septic tank (IDAPA 58.01.03.007.17).

1. Minimum separation distance of 20 feet is required between a drainfield and a dwelling with a basement (IDAPA 58.01.03.008.02.d). If the basement is a daylight-style basement and the drainfield installation is below the daylight portion of the basement the minimum separation distance can be reduced to 10 feet.
2. Minimum separation distance of 6 feet is required between absorption trenches and from installed trenches or beds to the replacement area. Separation distance must be through undisturbed soils (IDAPA 58.01.03.008.04).
3. Minimum separation distance of 6 feet is required between the septic tank and the drainfield. Separation distance must be through undisturbed soils (IDAPA 58.01.03.008.04).
4. Minimum separation distance of 50 feet is required between an effluent line and a septic tank to a domestic well (IDAPA 58.01.03.007.17 and 58.01.03.007.22).