

Detailed FPSF Design Method – Unheated Buildings

In following the detailed design procedure for unheated buildings, the designer has the flexibility to increase foundation depths to reduce horizontal ground insulation requirements. In addition to the AFI at the selected return period, the Mean Annual Temperature (MAT) must be taken into account.

Figure 7 illustrates the parameters for design of FPSFs in unheated buildings. The following steps outline the detailed design approach for unheated buildings.

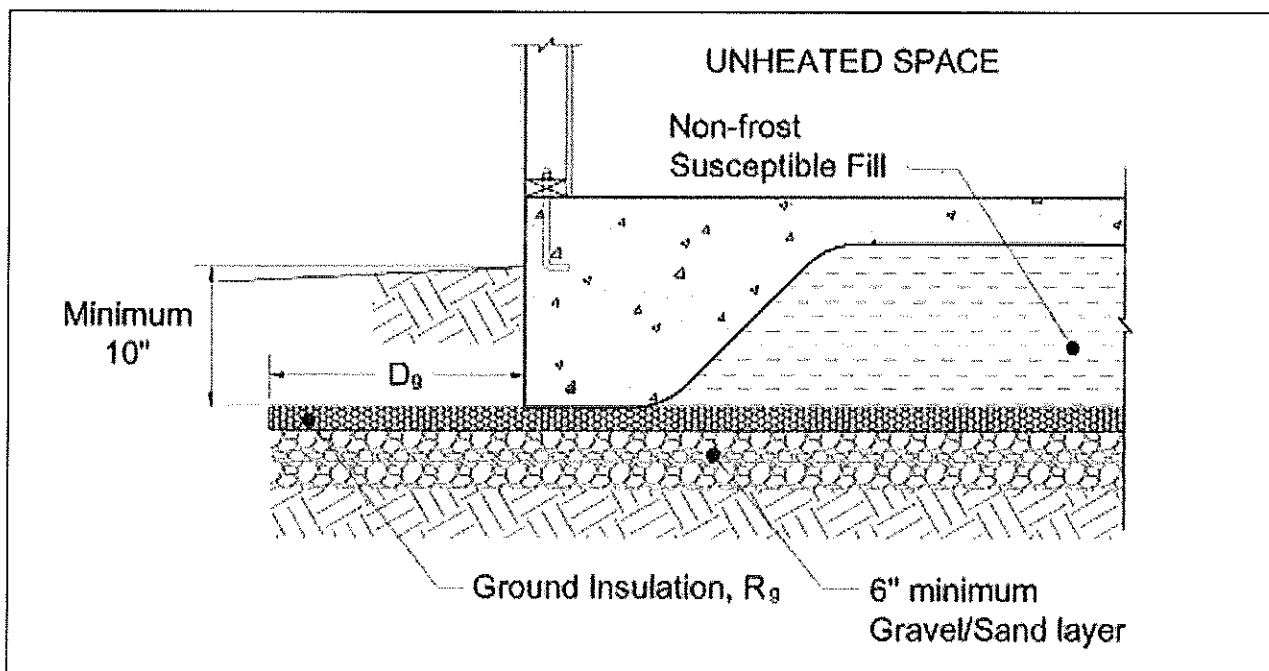


Figure 7. FPSF Detailed Design Parameters – Unheated Buildings