

Commercial Architectural and Engineering Requirements

Buildings that do not comply with the exemptions listed in [South Dakota Codified Law 36-18A-9](#) must be prepared, stamped and signed by an Architect and/or Engineer licensed in the State of South Dakota.

In addition, stamped engineering drawings are typically required for, but not limited to the following, in accordance with the International Building Code:

- Pre-engineered buildings such as metal buildings, post-framed (pole-barn) wood buildings, etc. and their foundations.
- Construction methods outside the standard prescriptive methods addressed in the International Building Code.
- Construction that is not considered conventional light frame construction.
- Temporary shoring where load-bearing structure is being altered or removed.
- Retaining Walls over 2 ft high next to a drive lane must be engineered due to the added surcharge.
- Retaining walls over 4 ft tall.
- Walls over 10 ft tall without lateral bracing.
- Bracing where none of the approved alternative methods will apply.
- Core floor and foundations supporting core floor.
- New openings created in existing concrete or masonry walls.
- New openings created in existing pre-engineered building walls where structural elements will be cut or removed including but not limited to girders and purlins.
- New equipment on roofs, new kitchen hoods or other items that increase the existing structure's design, dead, live or snow load, more than 5 percent.
- Decks off of public spaces.

Please see the [South Dakota Board of Technical Professions Blue Book](#) for full information.