



Post Frame (Pole Shed) Accessory Structures

A building permit is required unless the building meets the requirements of an agricultural structure under MN Statute 326B.103.Subd 3.

All materials and the installation of all materials must comply with the Minnesota State Building Code and the manufactures' installation specifications for each product.

The Building Code cannot anticipate all possible future construction materials, methods, or techniques. As a result, it includes standard construction methods for light frame, steel frame, and masonry construction. Post frame construction or "pole buildings" have dynamic loading requirements for wind and other external forces that change based on number of openings, location and size of each opening, post / rafter / truss spacing, and other factors – moving a door two feet could have an impact on design

Because of the infinite number of configurations, there is no "code" for the structural aspects of post frame construction (pole buildings). MN Rule 1309 section 201.s1.3 indicates that if construction does not conform to the applicable code, the structural elements shall be designed in accordance with accepted engineering practice; therefore, engineering is generally required to certify that your structure meets this standard. In addition plan review from our department is required to verify compliance with all other aspects of the code.

Along with the completed Building Permit Application, submit:

- Two sets of site plans (or site surveys if required by municipality) showing building dimensions, lot lines, and setbacks.
- One sets of signed engineered plans OR provide documentation showing that the plans are designed to accept engineering practices. Plans should include.
 - A floor indicating the proposed building size, size of headers over openings, size and spacing of roof rafters / trusses.
 - A cross-section view indicating the depth of concrete slab and perimeter bearing, size and spacing of anchor bolts, pitch of roof, size and spacing of roof rafters / trusses, types(s) of sheathing and siding material, size and spacing of studs, ceiling height.
 - Elevations indicating the height of structure from established grade, type of roof covering materials, type of exterior wall covering.
 - Additional information may be required by the plan reviewer.