

JWS INSPECTION SERVICE

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The question has been asked regarding pole structures and the requirement of engineering. Where the structure is considered a farm building it is to conform to the National Farm Building Code of Canada 1995.

Farm Building means a building or part thereof that does not contain a residential occupancy and that is associated with and located on land devoted to the practice of farming, and used essentially for the housing of equipment or livestock, or the production, storage or processing of agricultural and horticultural produce or feeds.

The National Building Codes outlines the following limitations of wood framed construction.

1. Construction where wall, floor and roof planes are generally comprised of lumber frames of small repetitive structural members, or engineered components, and where
 - A. Roof and wall planes are clad, sheathed and braced on at least one side,
 - B. The small repetitive structural members are spaced not more than **600mm o.c. (2 feet)**,
 - C. **The construction does not serve as a foundation,**
 - D. **The specified live load on supported subfloors and floor framing does not exceed 2.4 kpa (50 lbs),**
 - E. **The span of any structural member does not exceed 12.20m (40 feet).**
2. Where the conditions in sentence (1) are exceeded for wood construction, the design of the framing and fastening shall conform to subsection 4.3.1.

4.3.1.1. Design Basis For Wood

1) Buildings and their structural members made of wood shall conform to CAN/CSA-086 "Engineering Design in Wood" (professional involvement required).

If you have any questions or concerns please contact me at 780-808-5704 or email jsydoruk@sasktel.net

Building Inspector: **Jeff Sydoruk**

Building Official License No. **0366**

Signature: 