



## *Pre-Engineered Steel Buildings versus Pole Barns/Buildings*

### *Steel*

### *Pole Barns/Buildings*

#### ***FOUNDATION:***

- *Federal Steel Systems (FSS) buildings bolt to a solid concrete foundation. Base angle or sheeting notch with closure strips insures the building will be frost free and water resistant.*

*Pole Barns/Buildings are set directly into the earth and offer little or no resistance to water or frost heaving.*

#### ***FRAMING:***

- *Solid steel framing is coated with a highly protective primer which is applied after all cuts and drilled holes, so there is no breach in the rust protection. FSS Buildings offer a lifetime product that does not warp, twist or decay like wood. Steel is a more sanitary product when used for livestock situations and is preferred for permanent installation.*

*Pressure treated wood warps and shrinks. It is not recommended for permanent installations. The foundation frame members shift and this means that Pole Barns/Buildings must be straightened every 5 to 7 years costing several thousand dollars out of your pocket! Due to wooden structure construction, Clear Span capabilities are extremely limited.*

#### ***INSURANCE:***

- *Property insurance is approximately 30% lower in a FSS Building.*

*Property and fire insurance is 30% more costly for wood structured Pole Barns/Buildings.*

#### ***ASSEMBLY:***

- *Extensive assembly documents, plans and engineer certifications, are provided with a FSS Building. All plans are engineer stamped and ready for submission to the local building department. All FSS Building parts are numbered which allows for easy and rapid construction. SAVE TIME.... SAVE MONEY!*

*Assembly documents and plans are not as thorough for Pole Barns/Buildings, which will cause unnecessary delays in obtaining permits with the building department. Parts are not usually numbered or sorted causing many hours of sorting, cutting and assembly problems. LOSE TIME.... LOSE MONEY!*



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### ***Steel***

#### **MAINTENANCE:**

- *Once an FSS Building is constructed, it is constructed for a lifetime. You don't have to think about it. The FSS Steel Building provides many years of maintenance free use.*

#### **ROOF AND WALL PANELS:**

- *At Federal Steel Systems, roof and wall panels come standard with 26-gauge steel and a strength of 80,000psi.*

#### **FIRE RATING:**

- *Class C fire rating – Same as all masonry buildings. FSS buildings are suitable for heavy wind, snow, rain or earthquake commercial building code requirements and provides complete protection for the contents.*

#### **MAJOR BENEFITS:**

- *Once a Federal Steel Systems Building has been completed, it will remain straight and true as the first day it was constructed providing a maintenance free lifetime structure.*

### ***Pole Barns/Buildings***

*Pole Barns/Buildings must have sheeting reattached on a regular basis, wooden frames for doors and windows replaced because of non-operation. Sagging trusses or warped wood framing cause the steel to pull away from the screw connections and will generate water leaks. These leaks will damage the once protected items beneath. Most Pole Barns/Buildings need a complete overhaul of sheeting, bolts and screws costing you thousands of dollars.*

*Unless requested, most Pole Barns/Buildings will be produced with a thinner roof and wall panel consisting of 29-gauge steel, which is commonly used as an interior liner panel in FSS Buildings.*

*Class A fire rating – The lowest resistance to fire hazard. Pole Barns/Buildings cannot be used in many areas where the commercial building codes have stringent wind, snow, rain or earthquake requirements.*

#### **NONE**

*Wooden structures are constantly on the move because of warping, twisting and sagging. Heating and cooling cycles, extreme weather conditions such as humidity, wind snow and rain amplify this. Pole Barns/Buildings are a financial liability and should not be considered an asset.*

## **A BETTER WAY TO BUILD**

