

ALL-STEEL



# You Dream it, We Build it!

## Sentinel Steel Buildings are Rock Solid

With a clear span or modular span design, a Sentinel Building allows you to design the building to fit your specific needs.

Sentinel Buildings are designed for quick and easy installation, saving time and money on the back end which makes Sentinel Buildings comparable in total cost to many "lower-priced" competitors.

And when it comes to service, it's good to know that Sentinel doesn't run from problems – they fix them. We sweat the small stuff so you don't have to. Sentinel customers are considered customers for life and we go to great lengths to make sure you never have a reason to go anywhere else.

## The Perfect Solution

- Manufactured to meet local building codes
- Professional and Knowledgeable Engineering Staff
- Manufactured in the Midwest
- Rock Solid Customer Support
- Hassle Free Experience from Start to Finish
- Innovative Design
- Rock Solid Warranty



## Building Frame Options



**STANDARD FRAME**  
Std. Width: 150'  
Eave Hgts: Up to 40'  
Roof Slope: 2:12\*



**SINGLE SLOPE**  
Std. Width: 150'  
Eave Hgts: 10' – 28'  
Roof Slope: ¼:12 – 2:12\*



**MODULAR FRAME**  
Std. Width: 150'  
Eave Hgts: Up to 30'  
Roof Slope: ¼:12 – 4:12\*



**LEAN-TO FRAME**  
Std. Width: 60'  
Eave Hgts: Up to 29'  
Roof Slope: 4:12\*  
\*Standard Roof Slopes

# Quality. Versatility. Value.

Every Sentinel building is engineered to your exact specifications

Sentinel buildings are designed for fast and easy installation, substantially lowering total project cost

Acrylic coated 26-gauge Galvalume roof panels for exceptional corrosion protection in the harshest environments

Highest quality painted finish with 30-year warranty for superior protection

Optional cupolas made from 24 gauge pre-painted steel in choice of three popular sizes

Optional roof vents and louvers improve interior air flow while moderating inside temperature variances

Reinforced structural framing available to support installation of additional equipment such as overhead cranes

Optional roof and wall insulation packages and/or thermal energy systems with insulating values to R-38 in the roof and R-25 in the walls

Beefy 8" – 12" roof and wall supports provide superior strength and stability

Contrasting fully-flashed color trim is standard on all Plainsman buildings

Optional contrasting wainscot panels add distinction and value while enhancing the appearance of any structure

All Sentinel framed openings are fully flashed for added protection while providing a clean, finished appearance

Wide choice of high-grade insulated pre-hung or ready-to-assemble access doors

Fully insulated fixed and sliding windows in choice of sizes, shapes and finishes

Optional deluxe trim package provides a virtually "chew proof" barrier against insects and small animals

Optional overhangs, gutters and downspouts offer attractive, durable functionality in a multitude of colors

Optional wall supports (girts) at 3' 8" from the finished floor for increased stability and for wainscot installation

Built-up steel frames with a minimum of 50,000 psi yield strength

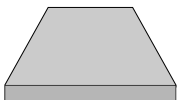
Optional light panels for roofs and walls add interior light and warmth

Optional interior lining packages offer a more finished appearance and insulation protection, while optional partition walls provide interior design flexibility

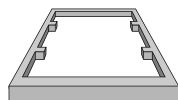
Built-Up or Wide-Flange structural beams in building widths up to 200 feet

Standard 1-1/4" foam closures effectively seal Sentinel buildings from moisture, dirt and rodents

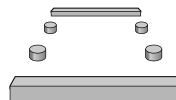
## Foundation Options



CONCRETE SLAB



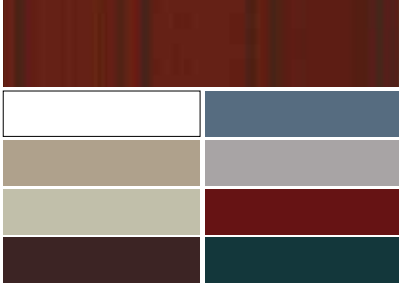
CURB FOUNDATION



PIER

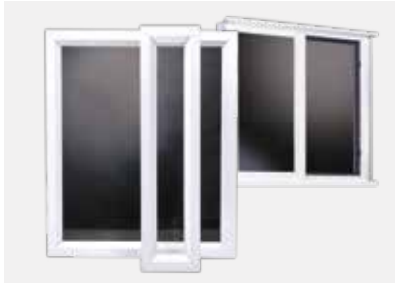
## FEATURES & ACCESSORIES

Sentinel offers a wide array of quality features and optional accessories to improve functionality and enhance your building's appearance. Choose from a multitude of color and trim options to create the perfect blend of form and function. Contact a Sentinel Building Consultant or talk to your authorized Sentinel Dealer for details on these and other popular selections.



### Wall & Roofing Panels

Sentinel buildings come standard with heavy-duty 26-gauge roof and wall panels, available in a Bare, Siliconized or Polyester finish. Panels come in a variety of profiles, colors and warranty options that offer outstanding beauty and long-term protection.



### Windows

Add light and warmth to your building with strategically placed windows. Fixed and sliding windows are available in a variety of sizes and trim packages, and can be ordered either pre-hung or ready to assemble on site.



### Interior Finishing

Finishing the inside of your building with steel liner panels adds style and energy efficiency. Roof and wall liner panels are available in 26 or 29-gauge in your choice of standard colors. Liner panel packages come complete with trim and fasteners for installation.



### Overhangs, Gutters and Downspouts

Protect your foundation and property from erosion and water damage while beautifying your structure with optional overhangs, gutters and downspouts. Made from light gauge materials and available in many attractive trim colors, these systems are hemmed for a strong, smooth and corrosion-resistant edge for years of beautiful functionality.



### Wainscot

Optional wainscot in contrasting colors can give your building a highly distinctive feel and enhances the appearance of any structure. Sentinel offers several different wainscot style and application methods to suit virtually any style and budget.



### Doors

Whether you need just a simple access door or multiple loading/equipment bays, Sentinel's wide range of insulated and non-insulated door types and styles can be sized and configured to your exact specifications.



### Insulation

Sentinel offers laminated fiberglass blanket insulation in a variety of thicknesses and R-value ratings, as well as thermal efficiency systems for both interior walls and ceilings that provide a more finished appearance while helping to make the building quiet and comfortable.



### Exterior Facades

Sentinel offers a variety of Canopy, Mansard and Parapet exterior options that can add a distinctive flair to your structure while providing added surface for signage.

# The Benefits of Metal Buildings

## Durable & Reliable

A steel structure can last for decades remaining useful during its entire life. Steel buildings can withstand high winds, earthquakes, and other events that would level a wooden structure. Termites and other pests cannot harm metal, which also retards cracking, rot, and fire.

## Sustainable & Eco-Friendly

Steel is 100% recyclable. In fact, a good portion of the steel used in construction today has been recycled from other uses. If, in the future, the building you construct must be dismantled or demolished, the steel can be re-used elsewhere instead of taking up space in a landfill.

## Highly Efficient Material Utilization

Steel has the highest strength-to-weight ratio of any material, 25 times greater than wood. A lighter frame translates into a more cost-effective foundation and the ability to add other materials with less concern for completed building weight.

## Prefabricated Metal Buildings = Shorter Construction Time

A prefabricated structure is created at the manufacturer to precise specifications. Each structure is designed and pre-built for easy reassembly. Site work, such as preparation and foundation placement, can be completed concurrently as the building is being manufactured. Shorter construction time translates into big savings on labor.

## Minimize Maintenance

Since steel is so durable, it requires less maintenance than other building materials. The members are not susceptible to rotting and will not need periodic replacement. Colored steel coatings do not require repainting. All steel surfaces can be easily cleaned with water and detergent.

## Easy Expansion

Once complete, a steel-framed facility remains highly flexible in how it can be used. If your client needs more space, you can add to the building through enclosing more floor space. In each case, Sentinel Buildings can precisely fabricate new members and frame elements to fit the existing building.

## Why Build With Anything Else?

Steel is the least expensive and most durable building material available. It provides design flexibility and an extremely hazard resistant facility that can be expanded and changed as needed. A steel building will be useful for decades.

## Easy to Erect

Our buildings are engineered to go up fast, easing your construction cost concerns. Parts made right so you don't have to redesign on site.





AG BUILDING



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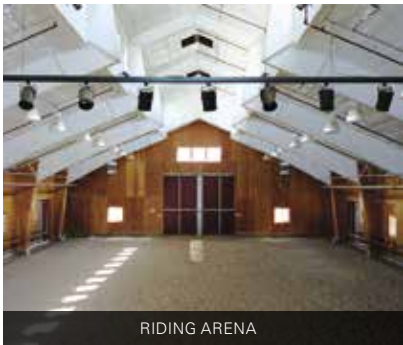
AG BUILDING



DAIRY BARN



DAIRY BARN



RIDING ARENA



HAY STORAGE



POULTRY BUILDINGS



GRAIN STORAGE



AVIATION



COMMERCIAL/WAREHOUSE/DISTRIBUTION



RETAIL



RELIGIOUS



RELIGIOUS



GOVERNMENT



INDUSTRIAL



OFFICES/BUSINESSES



MINI STORAGE



RECREATIONAL



**SENTINEL is an AGI Brand.**

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, India and Italy and distributes its products globally.

# **AGI** **SENTINEL**

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