

Metal Buildings

Bolt-Up & Weld-Up

- Commercial
- Agricultural
- Residential
- Metal Roofs



We Deal In Steel

405-377-8763
railroadyard.com



INSIDE:

Project Pictures

Reasons To Own a Metal Building

Metal Building Facts

Bolt-Up & Weld-Up Buildings

More...

YOUR ONE STOP STEEL SHOP

North Central Oklahoma's

Largest Steel Building Store

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Got Questions? Call Today!



Cell: **405-612-9703**

Fax: 405-377-3056

Office: 405-377-8763

darrell@railroadyard.com

5915 S. Perkins Rd. Stillwater, OK 74074

Darrell Thomas

Structural Steel Super Store - Metal Buildings & Components
Welding Equipment & Supplies - Full Service Steel Fabrication



Cell: **405-334-2302**

Fax: 405-377-3056

Office: 405-377-8763

stetson@railroadyard.com

5915 S. Perkins Rd. Stillwater, OK 74074

Stetson Hall

Structural Steel Super Store - Metal Buildings & Components
Welding Equipment & Supplies - Full Service Steel Fabrication

METAL BUILDING FACTS

METAL BUILDINGS ARE:

- Quick and Easy To Erect

Whether you're a do it yourselfer or you hire a contractor, bolt up buildings are fairly quick to assemble compared to conventional methods.

- Strong

Steel buildings can withstand unfavorable weather conditions better than traditionally built structures. With a steel building you also don't have to worry about termites, cracks, splitting and rotting since the structure is made of steel.

- Cost effective

Steel buildings have a reduced risk of fire, are durable offer easy maintenance, and can even potentially save you money on your insurance needs. While steel buildings may not be the cheapest option, these benefits make them real contenders for any project.

- Environmentally Friendly

Since steel buildings offer so many advantages and benefits due to their strength, longevity, affordability and versatility, they have quickly become popular in both private and commercial construction.



Frontier Siding Company in Stillwater, Oklahoma. Both buildings are bolt up, light Stone walls with Burnish Slate trim.

METAL BUILDINGS ARE GREAT FOR:

- Gymnasiums
- Riding Arenas
- Retail buildings
- Custom Homes
- Steel Strip-Malls
- School Buildings
- Church Buildings
- Airplane Hangars
- Steel Sport Arenas
- Agricultural Buildings
- Self-Storage Buildings
- Steel Warehouses
- Shop / Garage Buildings



WHY YOU SHOULD INVEST IN A METAL BUILDING



Whether it's time to replace a current building or expand your operations, you will find that there are several advantages to investing in a metal building. These affordable buildings are strong, durable, and faster to erect than conventional methods, saving you construction cost.

Bolt up vs weld up

Bolt-up buildings are a pre-engineered to local code standards for wind and snow loads. With the clear span rafter system roof pitches can be adjusted to meet your needs.

Weld up buildings with a pre-fabricated truss system offer an economical alternative to pre-engineered and wood frame buildings.

Environmental Friendliness

Steel is an easily recyclable material. In fact, some commercial metal buildings are made of steel that has already been recycled. Steel does not lose any of its strength during the recycling process, so you can choose a recycled steel building with confidence. The environmental benefits of a metal building don't stop with the material itself. Since a pre-engineered building is made in the factory, there is less waste involved and inefficiency created from weather related issues.

Energy Efficiency

Some people think it is impossible to control the temperature of a metal building. Metal buildings, in reality, can be very easy to cool and heat. For a cooling effect, the secret is to choose heat-resistant colors; these are light colors that will reflect the sun's energy back into the sky. Adding proper insulation to the roof and walls will make these buildings even more efficient in both summer and winter.

Versatility

Metal buildings can be custom designed in a wide variety of shapes and sizes. Some of them are great for low-rise industrial uses, such as interior offices, shop spaces, or storage facilities, while others can perfectly fill the demands of a commercial location. Some are good for combined purposes; these styles have a smaller area in front for retail business and a larger backend for product manufacturing or repair services. These custom designed steel buildings are also suitable for warehouses, distribution facilities, custom homes, schools, churches, recreational facilities, shopping centers and office complexes. Because they can be customized for each end-use, the wide selection of design possibilities makes it easy to provide the perfect building.

Durability

Metal is immune to damage from termites and other insect infestations. Under normal conditions, it also won't rot, warp, or twist. This makes it excellent for areas that have high humidity or infestations of insects that would damage a wooden structure. Thanks to the engineering involved, these buildings are typically stronger than those made of wood or other traditional materials.

EXAMPLE PROJECT PICTURES

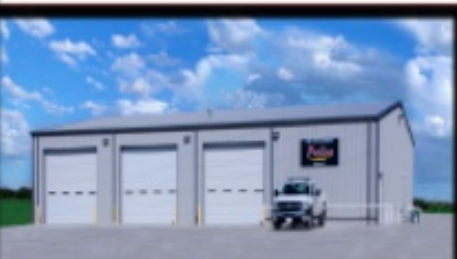


EXAMPLE PROJECT PICTURES

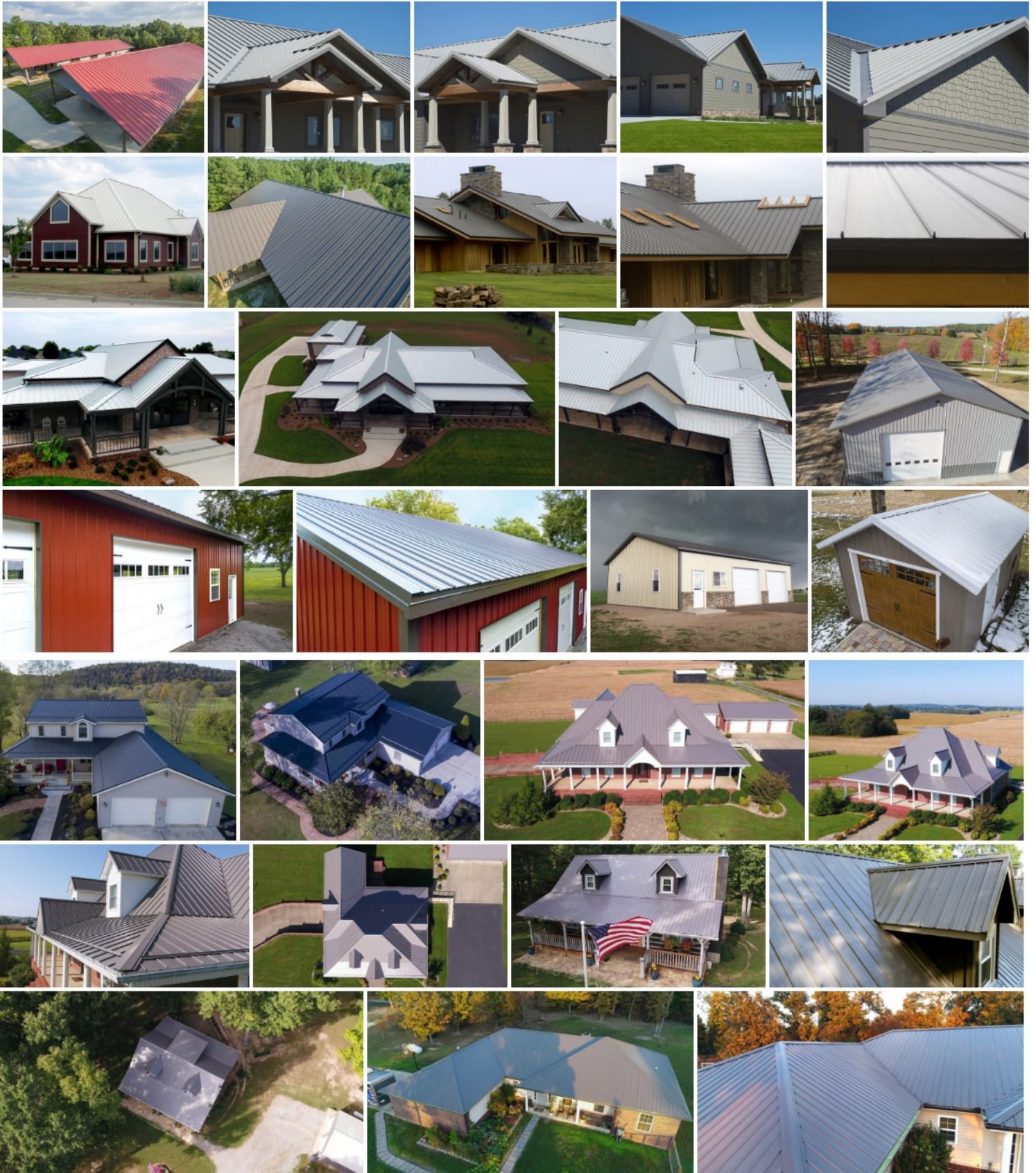
Commercial

Agriculture

Residential



METAL ROOFS



WELD-UP BUILDINGS

- #1 26 Ga. Panel-loc Plus
- 10 year or 40 year warranty
- 3" sq. X 11 ga. Steel frame on 10' centers
- 3" c-purlin in walls
- 4" c-purlin on roof
- 2" x 2 1/8" angle iron clips
- Colored Trim
- Color Matched Screws



BOLT-UP BUILDINGS

- 100% bolt together, no welding required
- #1 26 Ga. R-Panel (PBR)
- 10 year or 40 year warranty
- I-beam frame on 20' and 25' spacings
- 8" c-purlin wall girts and roof purlins
- Engineered to IBC codes
- Clear -span roof line
- Colored Trim
- Color matched screws



LOW RIB PANEL COLOR CHART

CENTRALGUARD™

Powered by Valspar's WeatherX™ technology



All colors meet ENERGY STAR® requirements for steep slope roofs.

Available in 26 and 29 gauge



Rustic



Tan



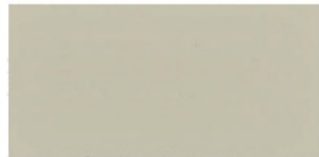
Hunter



Charcoal



Gray



Lt. Stone



Burnished Slate



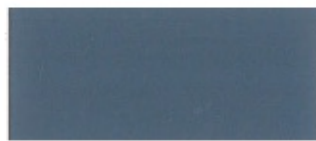
Brown



Alamo



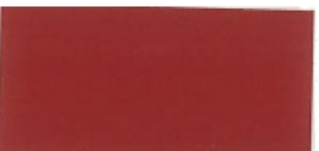
Forest



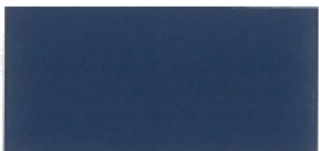
Ocean



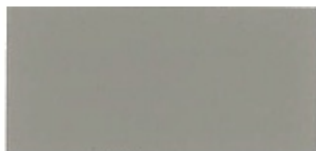
Burgundy



Crimson



Gallery



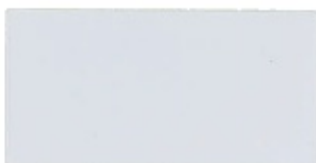
Taupe



Ivory (29ga only)



Black



Brilliant

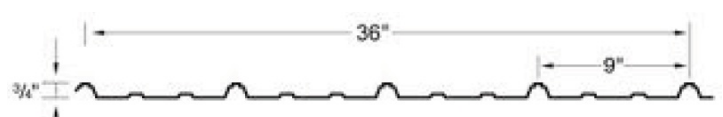


Copper

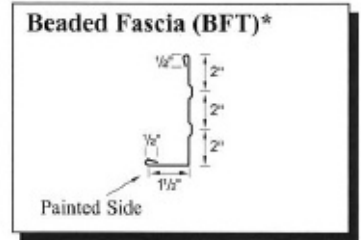
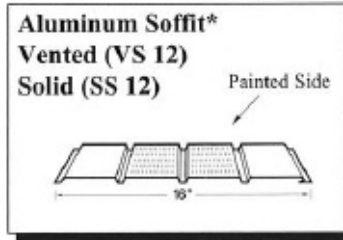
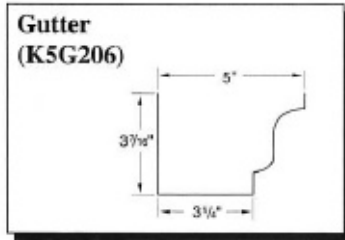
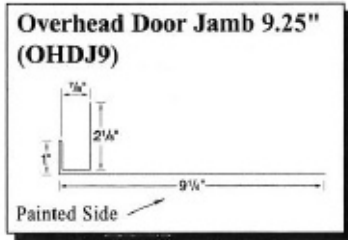
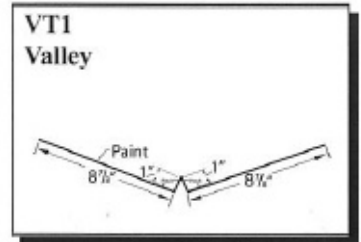
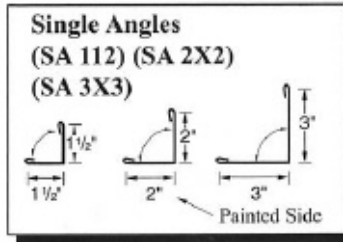
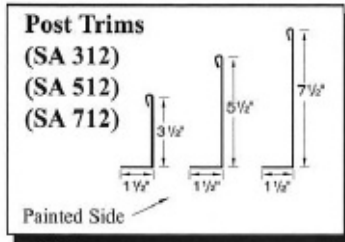
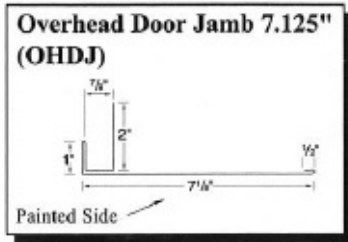
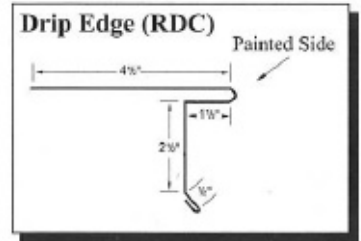
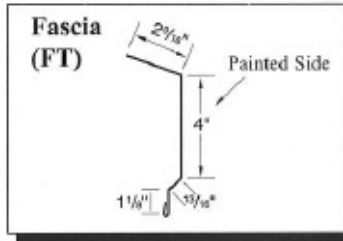
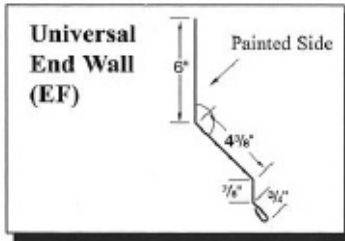
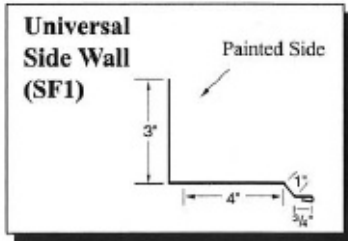
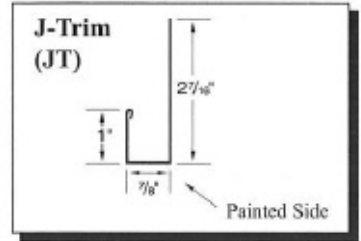
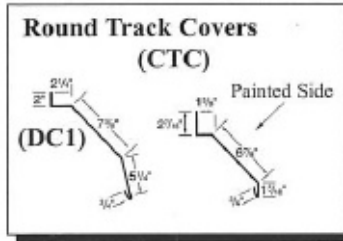
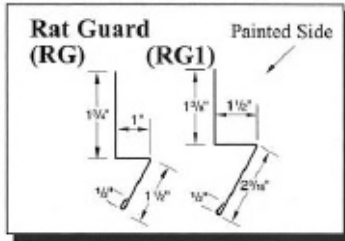
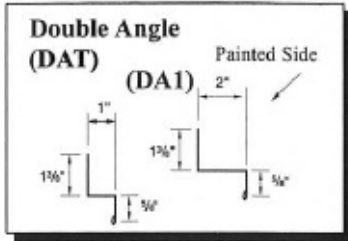
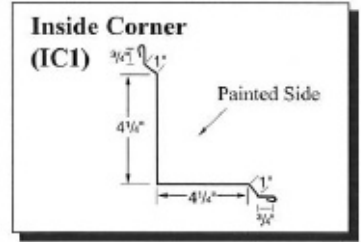
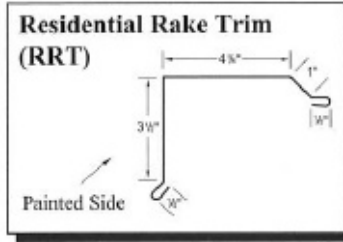
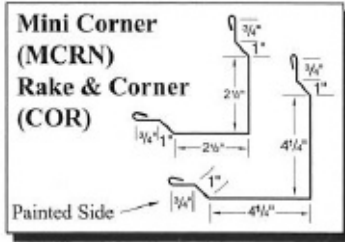
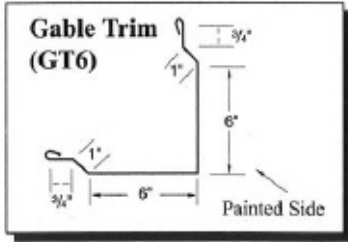
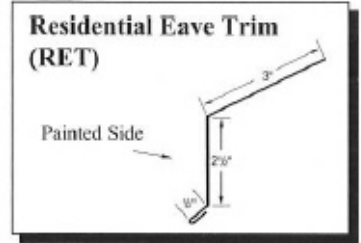
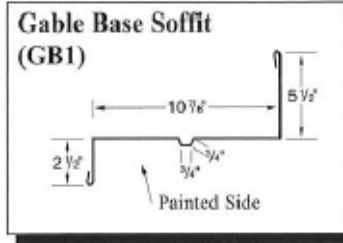
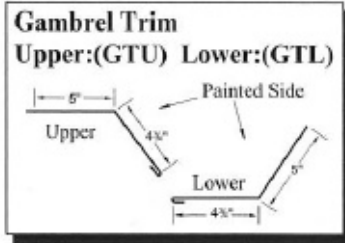
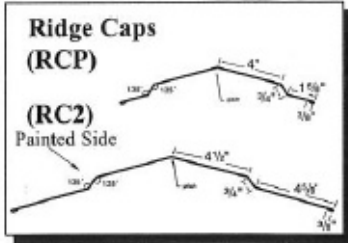
PANEL-LOC



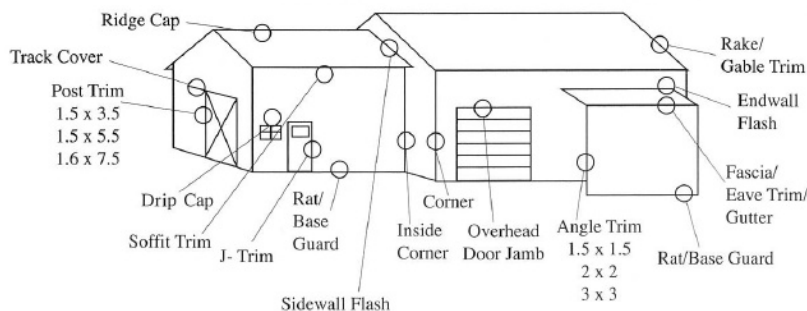
PANEL-LOC PLUS



LOW RIB TRIMS



*Lead times may vary by location.



COMMERCIAL / INDUSTRIAL COLOR CHART

CENTRALGUARD™

Powered by Valspar's WeatherX™ technology



All colors meet ENERGY STAR® requirements for steep slope roofs.

Available in 26 and 29 gauge



Rustic



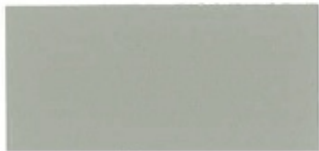
Tan



Hunter



Charcoal



Gray



Lt Stone



Burnished Slate



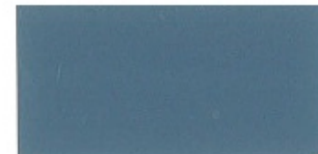
Brown



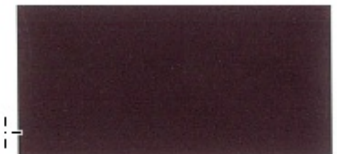
Brilliant



Polar



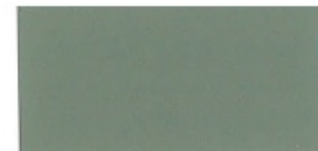
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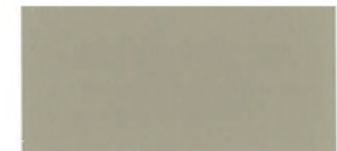
Burgundy



Crimson



Colony



Desert



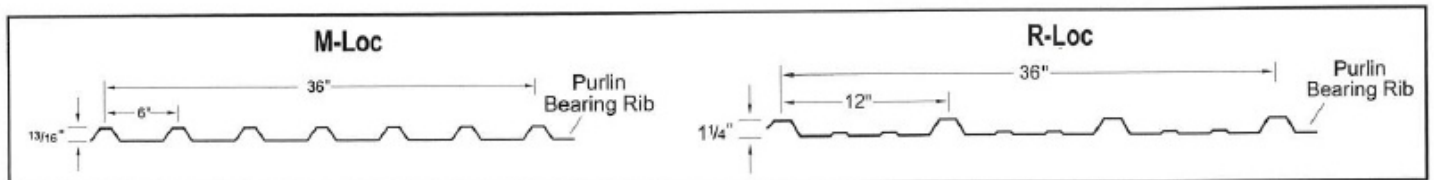
Gallery



Fern



Copper Metallic

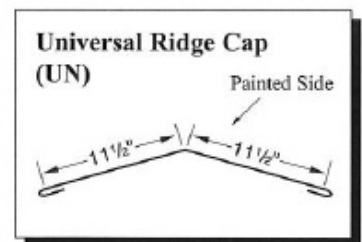
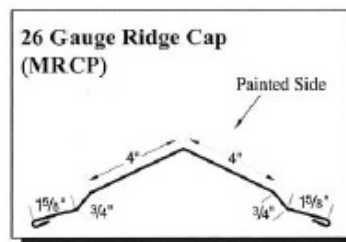
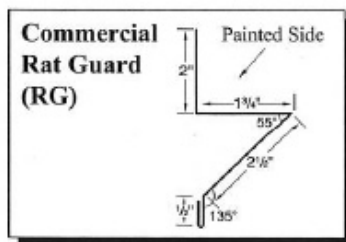
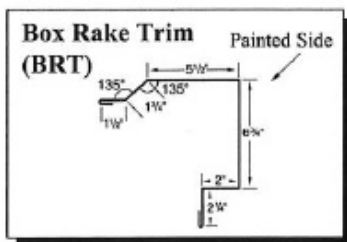
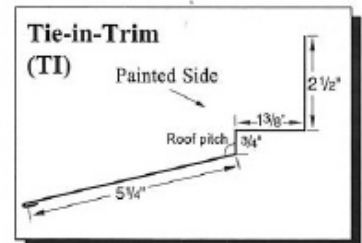
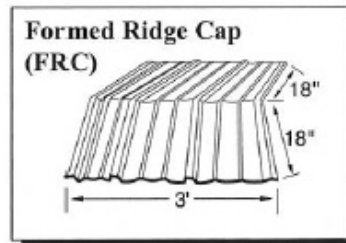
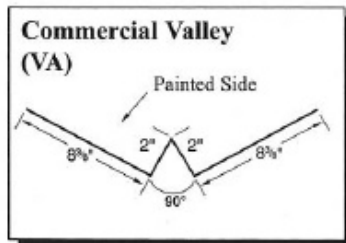
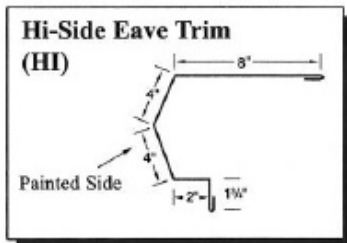
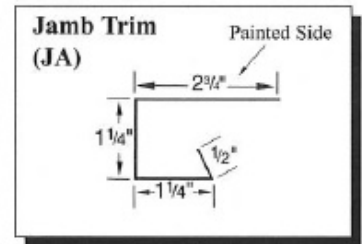
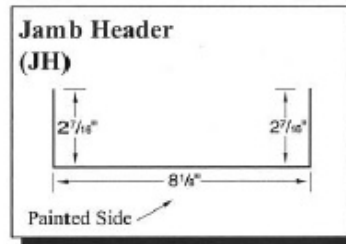
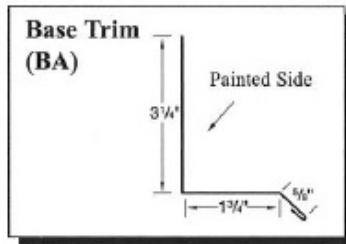
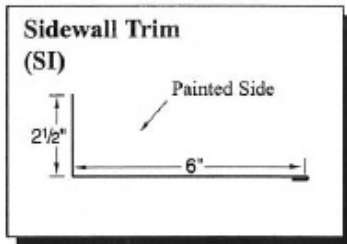
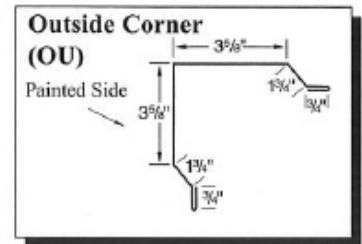
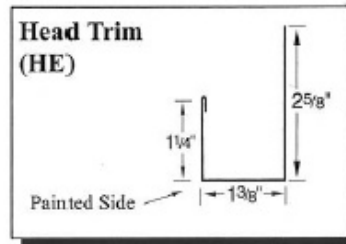
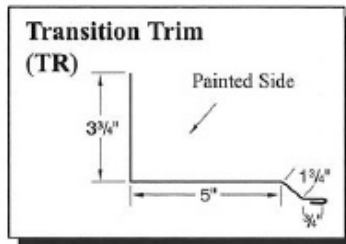
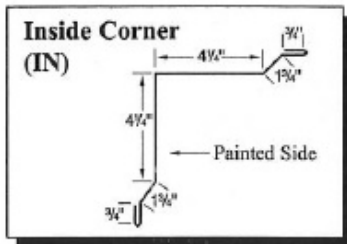
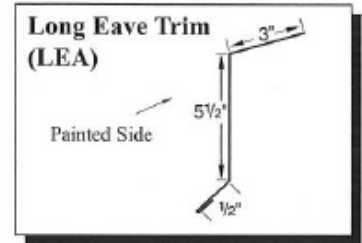
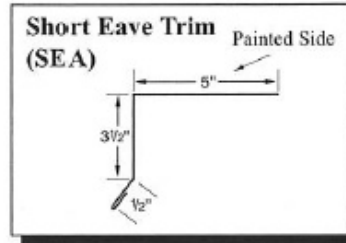
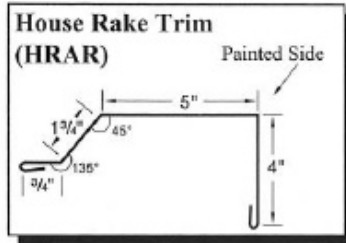
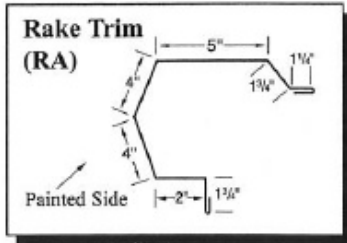


Profiles or colors may only be available at one location. Longer lead time may apply. Contact your sales representative for more information.

COMMERCIAL / INDUSTRIAL PRODUCTS

R-Loc Trims

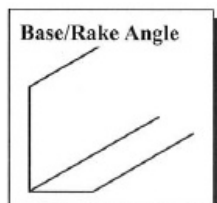
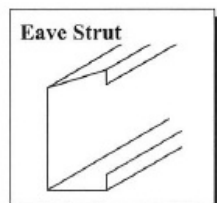
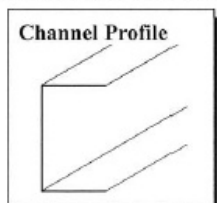
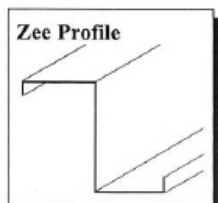
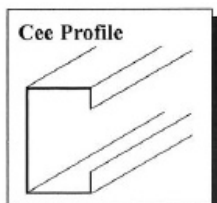
See Commercial Product Guide for additional trims.



Flat sheets (FS) available upon request.

Structural Steel

Red Oxide and Galvanized



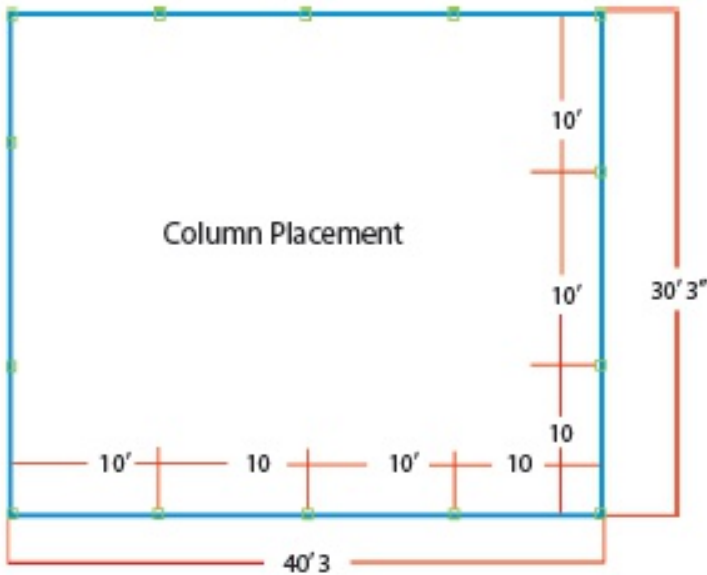
Product available in 12, 14, and 16 gauge. Standard and special punches available.

See Commercial Product Guide for details.

WELD-UP BUILDING DIAGRAM

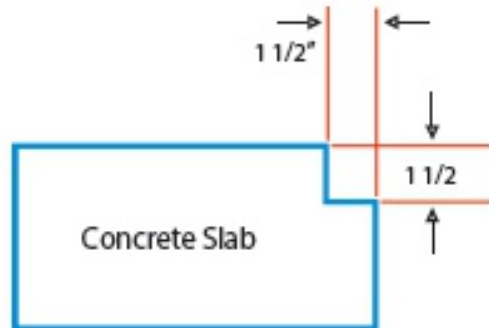
Concrete Slab

30' 3" x 40' 3" with Sheet Ledge



Sheet Ledge

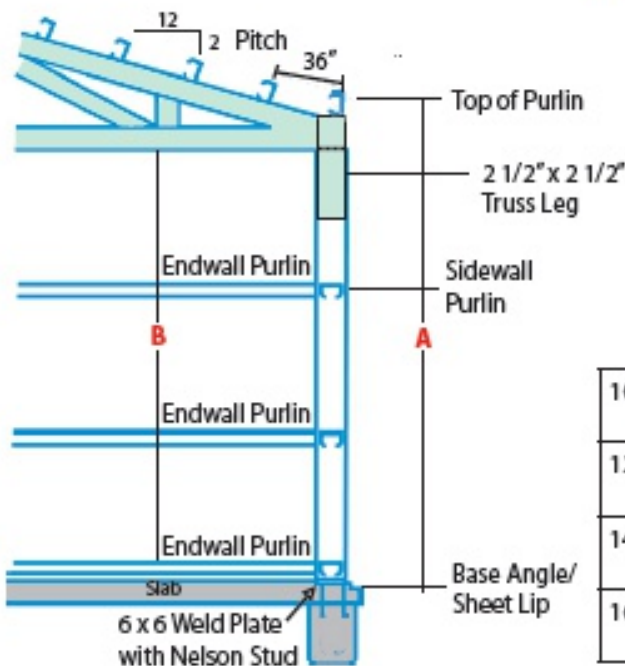
1 1/2" x 1 1/2" Ledge around Slab for Sheets



Note:

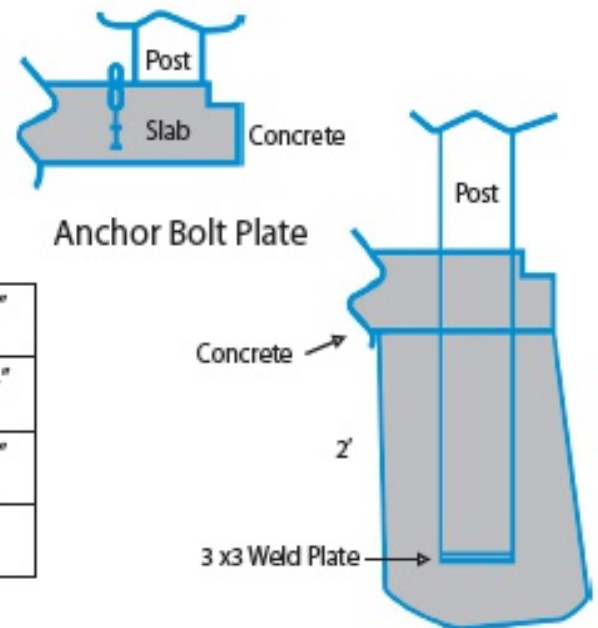
10' from outside of column to center of next column

Building Schematic



A - Top of purlin to base angle
B - Bottom of truss to floor

Options for Anchoring Uprights

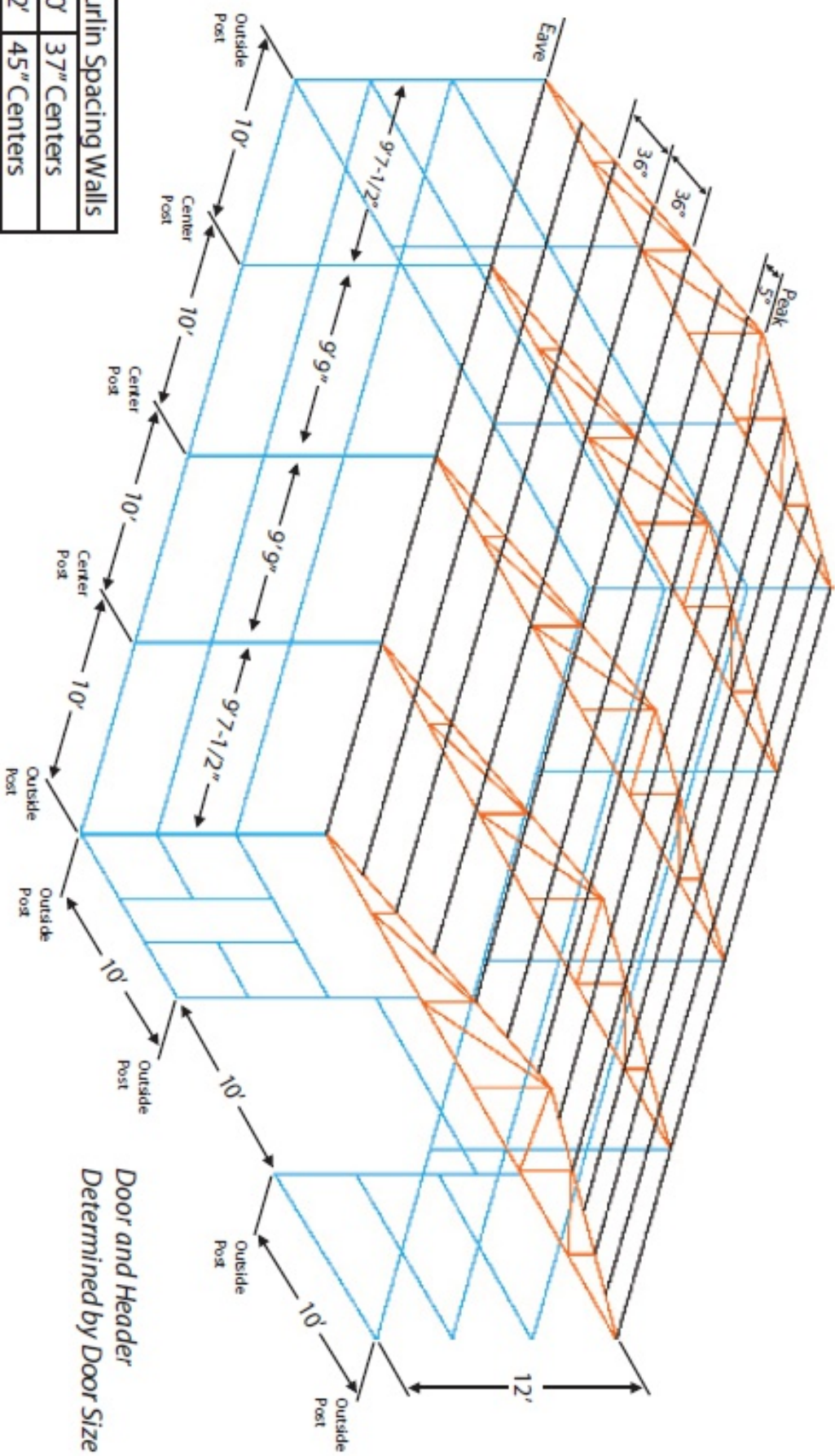


10'	A - 10'-11.5" B - 10'-0"
12'	A - 12'-11.5" B - 12'-0"
14'	A - 14'-11.5" B - 14'-0"
16'	A - 16'-11.5" B - 16'-0"

BUILDING LAYOUT (all sizes)

Building Layout (All Sizes)

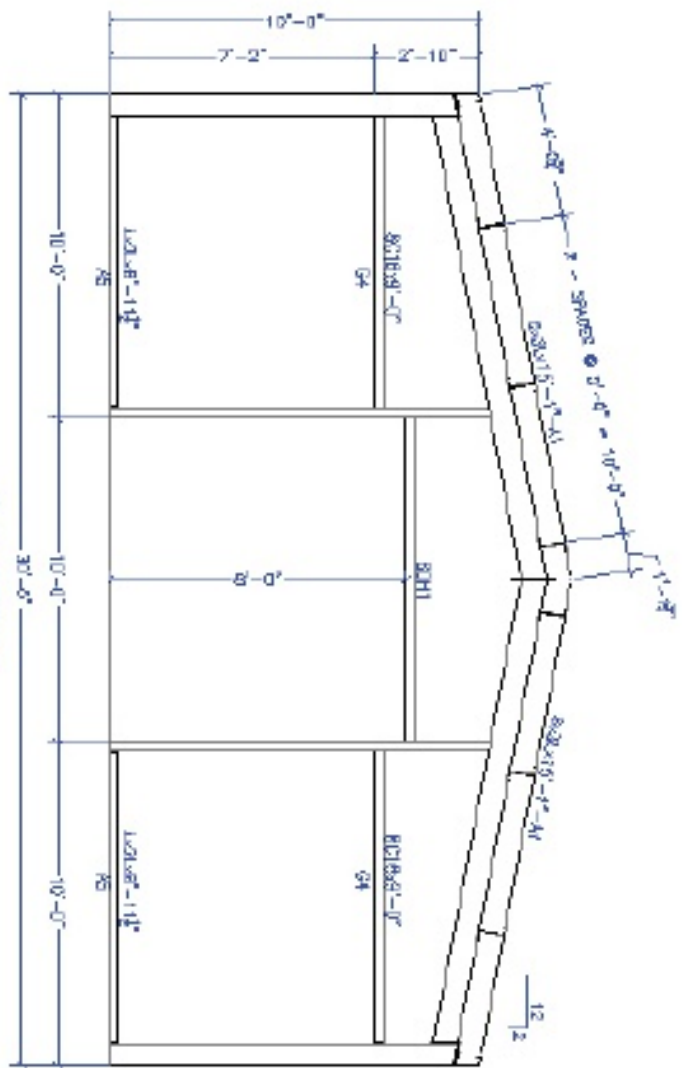
Purlin Spacing Roof
36" Centers (Approximate)



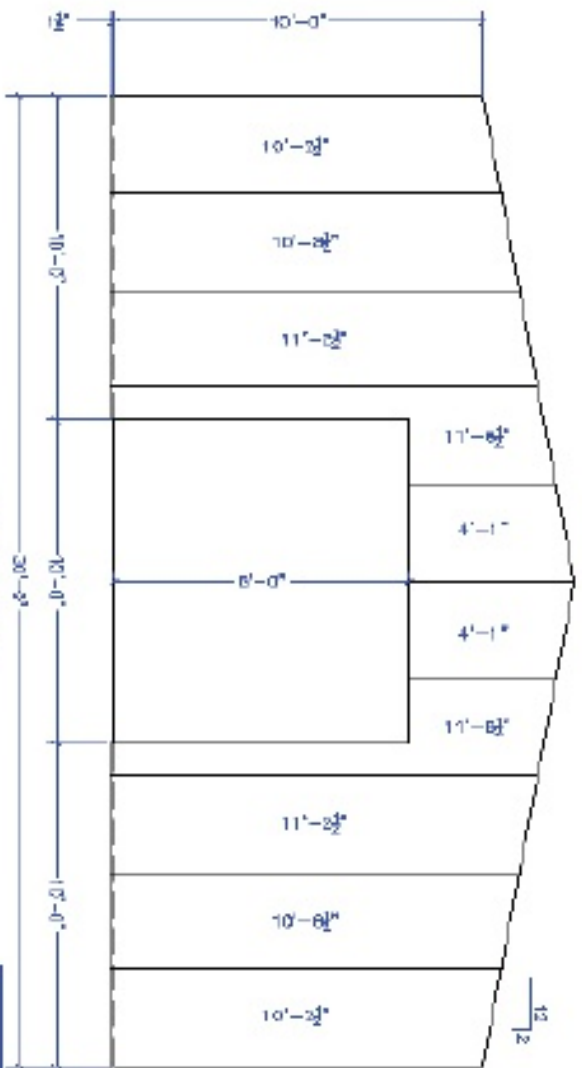
Purlin Spacing Walls	
10'	37" Centers
12'	45" Centers
14'	40" Centers
16'	46" Centers

Door and Header
Determined by Door Size

30' x 40' x 12'



ELEVATION A

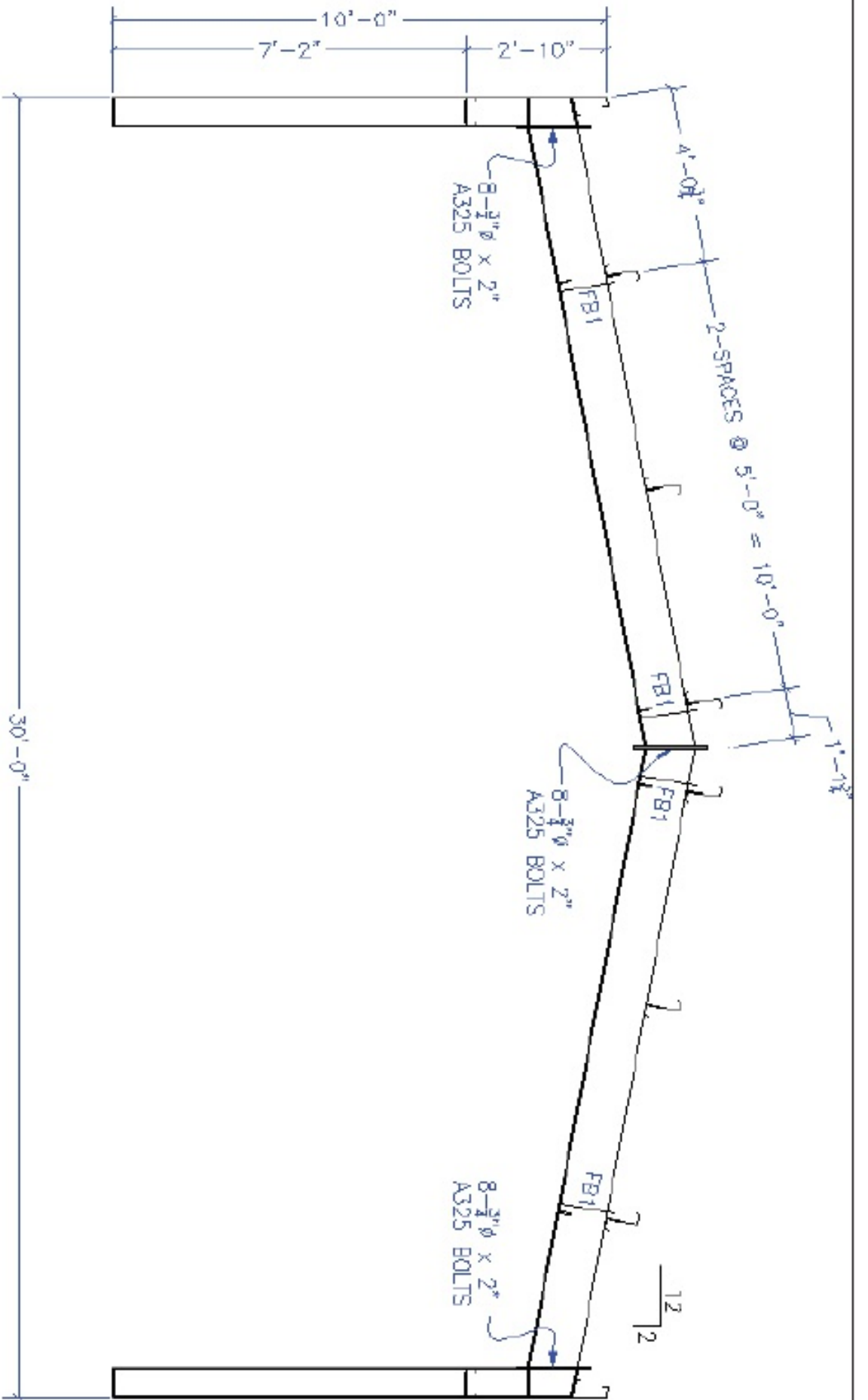


ELEVATION B

ERECTOR NOTE
 THE SHEETING IS UTILIZED
 TO BRACE THIS BUILDING.
 SCHEMATIC PATTERNS SHOWN
 MUST BE FOLLOWED.
 SEE SHEET E.D.

BOLT UP SCHEMATIC REV

CUSTOMER	CUSTOMER
CONTRACT #	DRAWN BY
CONTRACT	CHECKED BY
	DRAWING



FRAME CROSS SECTION

BOLT UP SCHEMATIC

RF

CUSTOMER:

Customer

CONTRACT #

CONTRACT DRAW-87

DESIGN BY: SHARON BY: DRAM

CHECKED BY: DRAM

CHOOSE THE RIGHT PANEL

Panel-Loc - Residential Wall & Roof Panel

Panel-Loc is the classic panel for post frame barns and buildings. Available in 26- and 29-gauge metal panels, Panel-Loc gives agricultural and light commercial projects, as well as residential roofs, the protection of steel with an attractive appearance.



Panel-Loc Plus - Residential Wall & Roof Panel

Panel-Loc Plus provides the same durable performance as our Panel-Loc panel, plus an added striation on top of the rib, giving it even more strength. Available in 26- and 29-gauge metal panels, Panel-Loc Plus gives agricultural and light commercial projects, as well as residential roofs, the protection of steel with an attractive appearance. The Panel-Loc Plus profile from Central States Mfg. has become the standard for excellence in the industry.



Horizon Loc - Residential & Commercial Roof Panel

This concealed fastener panel allows you to have a beautiful roof without a single screw showing, giving you the advantage of a standing seam roof for less. The panel snaps on easy to rapidly attach with no hand seaming, so installation is less expensive than traditional standing seam. It is ideal for residential roofing and light commercial applications applied over solid decking, and its durability ratings may lower insurance rates to save you money.



R-Loc - Commercial Roof & Wall Panel

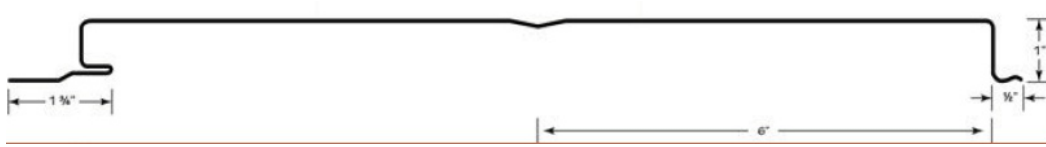
The R-Loc panel meets the needs of today's commercial market while remaining extremely cost effective. Commonly referred to as PBR-panel, this 26 gauge commercial panel is an excellent choice for your projects that require commercial grade performance. R-Loc is designed to maximize the potential of your structures, specifically the steel frame. With an added purlin bearing rib, you can count on easier installation and a more pleasing appearance.



CHOOSE THE RIGHT PANEL

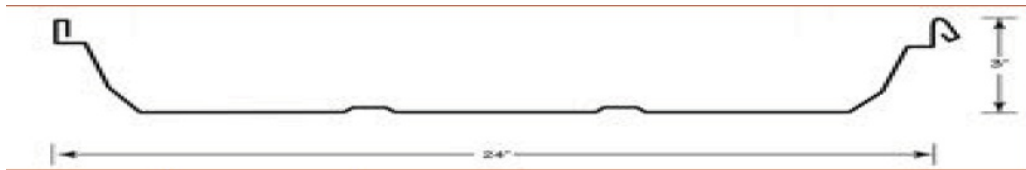
Precision-Loc - Soffit & Wall Panel

Precision-Loc is a simple but versatile concealed fastener soffit and fascia panel with clean lines that complement a building's roof and walls. The 12" width offers flexibility in design, and is available in a smooth flat appearing finish or with one stiffening groove.



Central Loc - Roof Panels (snap together)

The Central-Loc profile has a snap lock joint for ease of installation. 24 ga. panels. Available in 24" standard coverage, optional 18". Factory applied sealant insures a weather-tight and secure lap. Standing seam panels can be used for both newconstruction and retrofit. Floating clips allow for thermal roof expansion and contraction during extreme temperature changes. Comprehensive step-by-step erection manuals come with each Standing Seam order. Pre-punched panels, combined with selfengaging backup plates for ease of installation. Reversible end-for-end panels so each side of the roof can be installed simultaneously.



Central Seam Plus - Roof Panels (field Seamed)

The Central-seam Plus profile has a snap lock joint for ease of installation. 24 ga. panels. Available in 24" standard coverage, optional 18". Factory applied sealant insures a weather-tight and secure lap. Standing seam panels can be used for both newconstruction and retrofit. Floating clips allow for thermal roof expansion and contraction during extreme temperature changes. Comprehensive step-by-step erection manuals come with each Standing Seam order. Pre-punched panels, combined with selfengaging backup plates for ease of installation. Reversible end-for-end panels so each side of the roof can be installed simultaneously.



Central-Snap - Standing Seam Roof Panel

Central-Snap is a performance rated non-structural, architectural standing seam roof system. It has an easy to install 1 3/4" high snap-lock joint making it ideal for architectural and light commercial.



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