



WHIRLWINDSTEEL
BUILDINGS & COMPONENTS



BUILDING

SYSTEMS

OUR STORY

Family owned and operated since 1955, Whirlwind Steel is proud to have served the needs of contractors, builders, architects, businesses, governmental organizations, and consumers. Our discerning customers have turned to Whirlwind Steel with confidence for pre-engineered metal buildings and components including panels, primary and secondary structural framing, roofing, solar racks plus a full line of metal building accessories and trims. Both welded and cold-form steel framing is done by fully trained professionals and our quality control team is the best in the industry. Now is

the time for you to find out why so many people have trusted Whirlwind Steel with their most important projects for so long.

TODAY

With two 250,000 square foot manufacturing facilities – the original plant in Houston and a second in Tallapoosa, Georgia – Whirlwind Steel continues to be an industry leader. Over 230,000 buildings and projects can be found in every US state as well as other countries. We are proud of our legacy and encourage you to call us and discuss your next project today.

OUR CORE VALUES

At the heart of all that we do is to provide a building experience and focus on relationship that's second to none, so we've developed our business around six core values that help us live up to our mission – to build for life.



RELATIONSHIPS WITH MUTUAL RESPECT

Mutual respect is the key to mutual success. Honesty, integrity and fairness for all.



ACT WITH PURPOSE

We hold ourselves to the highest level of accountability so our customers, coworkers and suppliers will be confident that we'll do what we say we will, every time.



PASSION FOR LIFE

We develop lifelong relationships with our customers, coworkers and suppliers, making sure that we deliver on time, without compromising safety.



INNOVATE AT EVERY LEVEL

We don't just accept change. We embrace it. Our company was built on an entrepreneurial spirit. Innovation from within has been a key element to our success.



DEDICATION TO EXCELLENCE

We're committed to excellence in every part of our business. We are focused on providing industry leading product quality, efficiency and customer service.



CREATE RAVING FANS

We go above and beyond to ensure an exceptional experience.
We create raving fans!



WHY WHIRLWIND STEEL

Cost Efficient

Because each building is custom engineered and fabricated by Whirlwind Steel to meet your exact requirements we can recommend the best solution for all production questions. This way waste is avoided, and maximum cost efficiency can be expected.

Longevity

Intended to last decades, metal buildings are designed to meet the strictest construction standards. Whirlwind Steel products are tested for wind uplift, hail impact, fire, rain, snow loads and high velocity winds.



MANUFACTURING PROCESS

Experienced Professionals

With a workforce of over 800 experienced professionals, Whirlwind Steel has delivered over 230,000 building and component projects since 1955. In fact, we fabricated over 74,000 tons of steel in 2023. So, you should expect the most efficient, attractive and economical solution for your next project.

Internal Design Professionals

Our in-house Drafting & Engineering team has over 40 full time members, licensed in all 50 states. This means you get first class structural designs and code compliance on every project we fabricate. Additionally, the D&E teams have a direct line to sales, operations, and our production group, ensuring no details are overlooked.

Fabrication Excellence

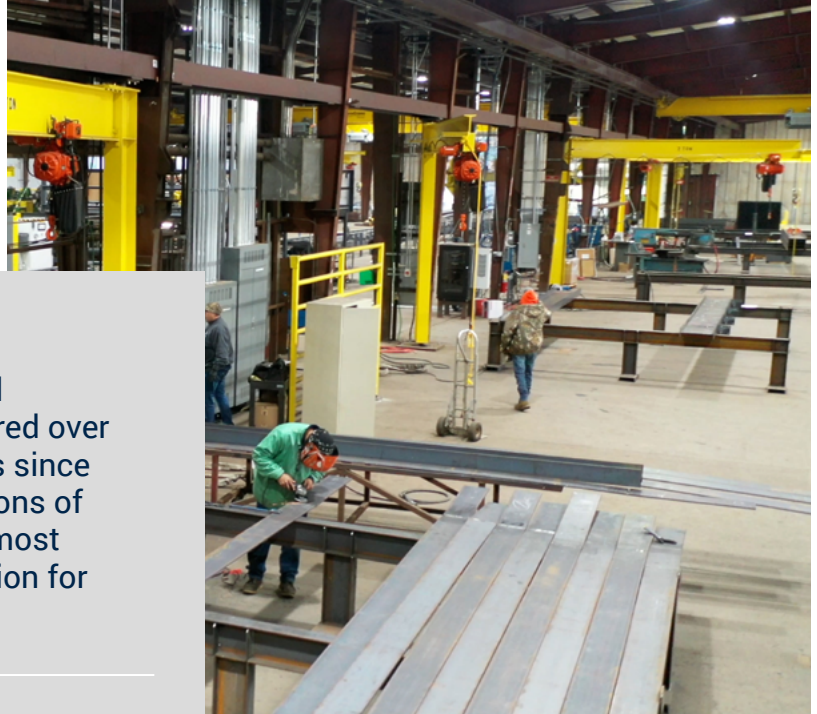
We undergo an annual and stringent accreditation process for metal building manufacturers by the IAS. Just as important is the quality of our component and panel offerings, all available direct from our plants as well as through rigorously vetted retail partners.

Shipping and Transportation

Your building will be carefully loaded, secured and shipped to the job site in the most efficient and reliable way available. Start construction with a complete order, delivered on time, directly to your job site.

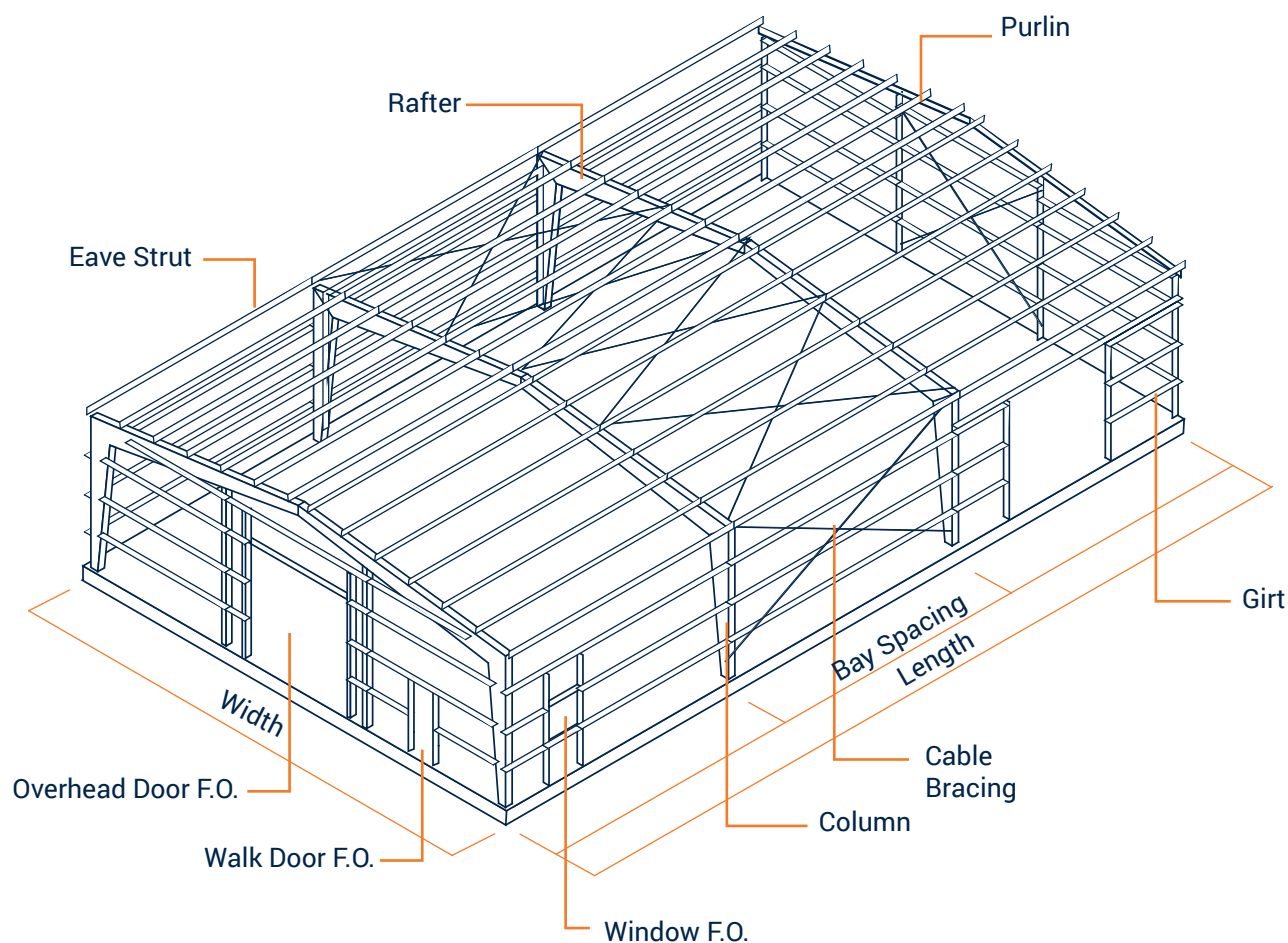
Customer Service

You and your building erector will find Whirlwind's experienced customer service team available before, during and after construction to ensure the job gets done right and finished on time



01 PRE-ENGINEERED METAL BUILDINGS

The unique benefits of pre-engineered metal buildings are well known to contractors, erectors, architects and the people who use and work in these buildings. Experience counts when it comes to designing and manufacturing a metal building, and making sure the work is done in a timely and economical manner. That's why Whirlwind Steel has been the partner of choice on over 230,000 projects during our 70 years as a family run business. And we understand how important it is that everyone involved with a metal building project have a basic understanding of how pre-engineered metal buildings work.



02 FRAME TYPES

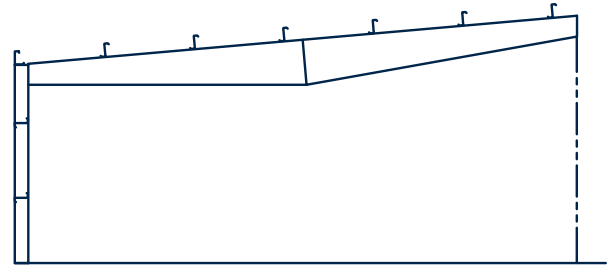
Welded framing ensures the strongest and most durable structure. A sample of the most common frame types are described below. An important feature of a pre-engineered metal building is the flexibility to mix and match these frames to create custom designs for almost any building project.

Lean-To (LT)

LT buildings are ideal for use as office structures attached to larger WRF or CB buildings.

LT framing is an economical solution for expanding existing buildings.

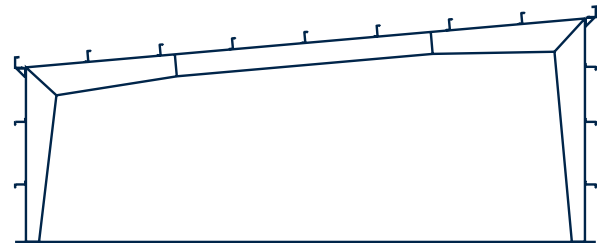
Simple span frame design provides minimal horizontal thrust so foundation costs are minimized.



Single Sloped Welded Rigid Frame (SSRF)

SSRF buildings are ideal where drainage restrictions are an issue, such as strip mall shopping centers.

SSRF buildings are available with options such as straight columns and/or interior columns.

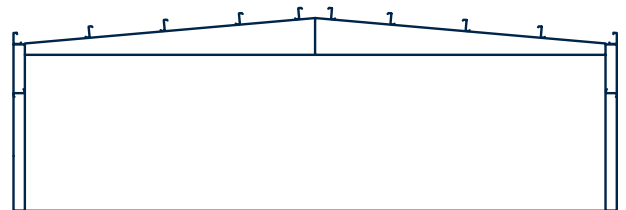


Welded Tapered Beam (WTB)

WTB buildings provide maximum floor space.

Straight sidewalls allow interior finishes to be installed easily.

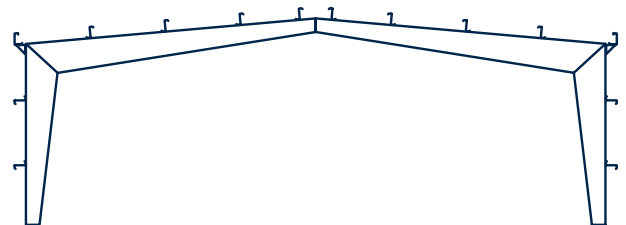
WTB design minimizes the horizontal frame base reaction so less expensive foundations may be used.



Welded Rigid Frame (WRF)

WRF buildings provide for the widest possible spans without interior columns.

WRF buildings are economical due to the use of tapered members.

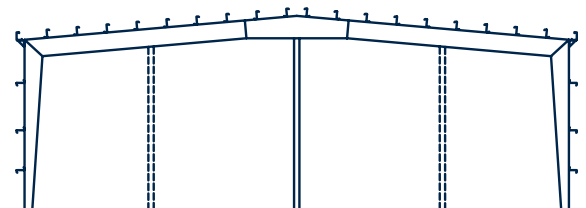


Column And Beam (CB)

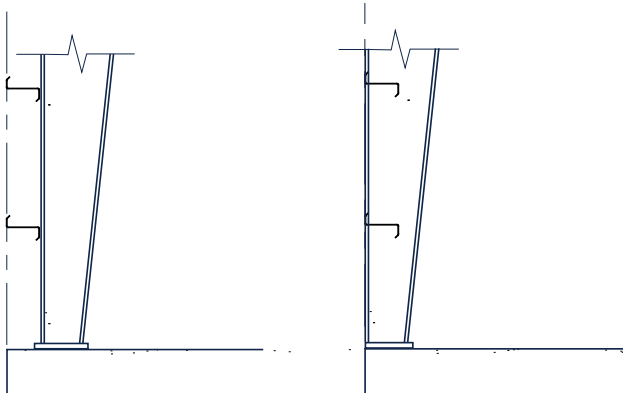
CB frames are ideal when wide buildings are required and interior columns are required.

CB frames may be used with bar joist roof purlins when large column free areas are required.

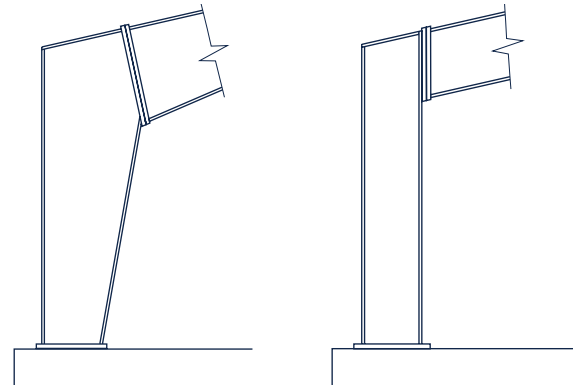
Interior columns may be recessed for a clean appearance.



By-Pass vs. Flush Girt

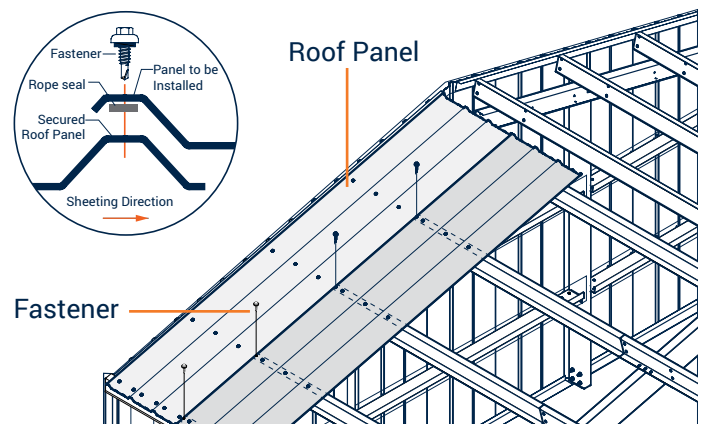
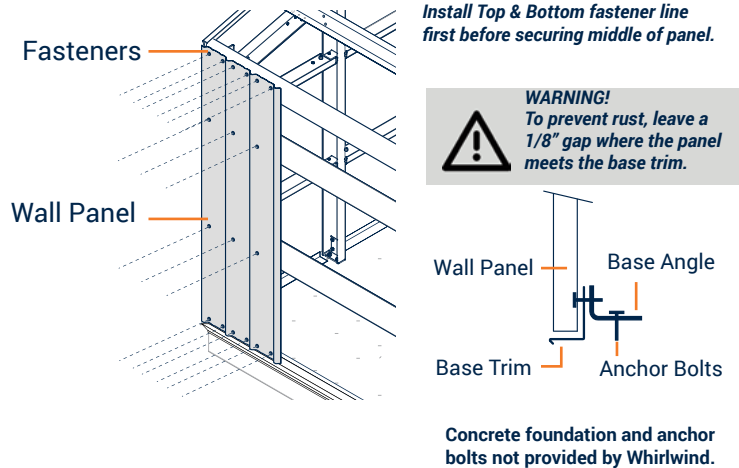


Tapered vs. Straight Column

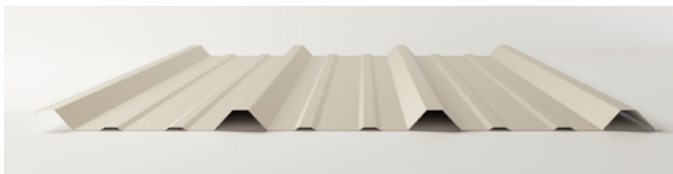


03 ROOF & WALL PANELS

One of our most popular and flexible panel choices, Whirlwind Steel's Super Span X, can be used for both wall and roofing applications. Super Span X gives you a full line of trim, hardware and accessories to customize your metal building project. Whirlwind Steel offers the industry standard steel gauges, 26 and 24, in a variety of colors that provide the highest quality paint finishes. We also offer both heavier and lighter gauges when called for, just ask your sales representative for other options. Depending on your choice of products, warranties are available for up to 40-years.



COMMERCIAL & INDUSTRIAL PANEL PROFILES



SUPER SPAN X



Super Span can be used for wall and roof applications. It is available in 26, 24, and 22 gauge.

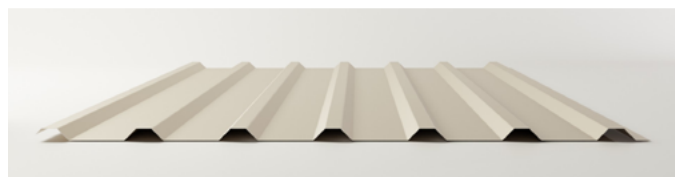
- UL Construction No. 30, 79, 161, 167
- UL 580 Up-Lift tested / Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Texas Department of Insurance *
- Florida Product Approval*
- Dade County NOA*

LOW RIB X



Low Rib can be used for wall and roof applications. It is available in 26, 24, and 22 gauge.

- UL Construction No. 39
- UL 580 Up-lift tested/ Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Texas Department of Insurance*
- Florida Product Approval*



COR-SPAN X



Cor-Span can be used for wall and roof applications. It is available in 26, 24, and 22 gauge.

It is an excellent choice for self storage corridors.

- UL 2218 Hail Impact Resistance
- Texas Department of Insurance*

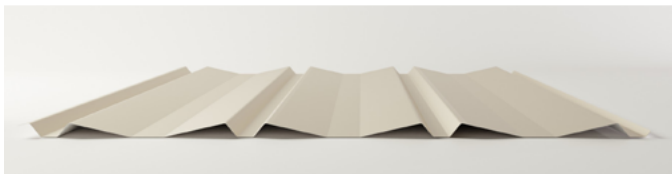
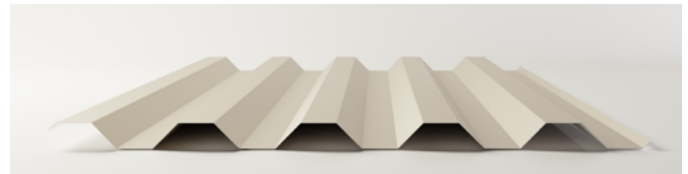


7.2N RIB



7.2N Rib can be used for wall and roof applications. It is available in 26, 24, and 22 gauge.

- UL Construction No. 244
- UL 580 Up-lift tested/ Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Florida Product Approval*



MONARCH X



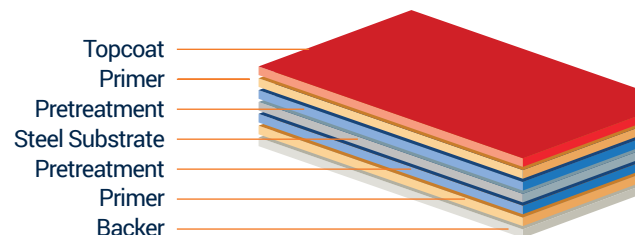
Monarch is a wall panel. It is available in 26, and 24 gauge.

OUR WARRANTIES

When Whirlwind Steel says **We Build for Life™**, this is more than just talk. We stand proudly behind our work by offering warranty coverage ranging from 25 years to 40 years on our buildings and components.

Warranty information available upon request.

COATING SYSTEM



STANDING SEAM & ARCHITECTURAL PANEL PROFILES



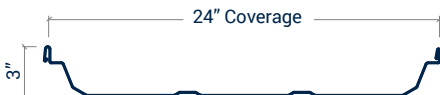
SUPER SEAM PLUS



Super Seam Plus is a mechanically seamed roof panel.
It is available in 24 gauge only.

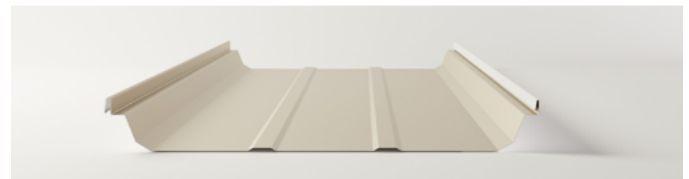
- UL Construction No. 180C, 287, 308A, 450, 538, 539, 540
- UL 580 Up-Lift tested / Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Florida Product Approval*

SUPER SEAM II



Super Seam II is a snap sealed standing seam roof panel.
It is available in 24 gauge only.

- UL Construction No. 180B, 205, 205A, 286, 303B, 534, 535, 536, 537, 541
- UL 580 Up-Lift tested / Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Florida Product Approval*

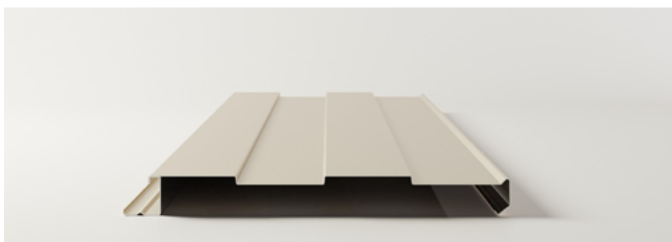
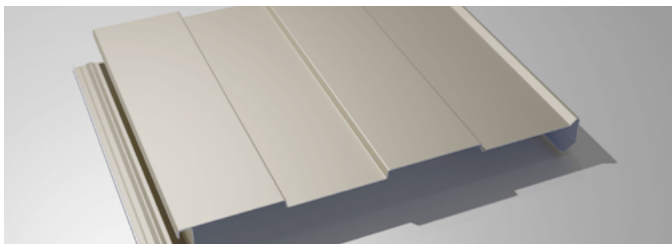


FLUTED-16

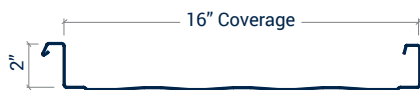


Fluted-16 is a concealed fastener wall panel.
It is available in 24 gauge only.

- Texas Department of Insurance*
- Florida Product Approval*



WEATHER LOK-16

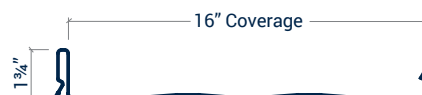


Weather Lok-16 is a mechanically seamed roof panel. It is available in 24 gauge only.

- UL Construction No. 506, 506A, 506B
- UL 580 Up-Lift tested / Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Texas Department of Insurance*
- Florida Product Approval*
- Dade County NOA*



WEATHER SNAP-16

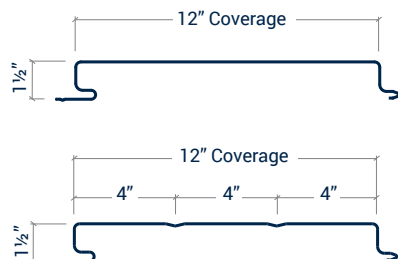


Weather Snap-16 is a snap seamed roof panel. It is available in 24 gauge only.

- UL Construction No. 254, 255, 261, 303, 342, 343, 414, 436, 445, 446, 447, 448, 486, 508A, 543, 544
- UL 580 Up-Lift tested / Class 90 Rated
- UL 2218 Hail Impact Resistant Tested
Inclined: Unlimited / Impact Class 4
- Texas Department of Insurance*
- Florida Product Approval*

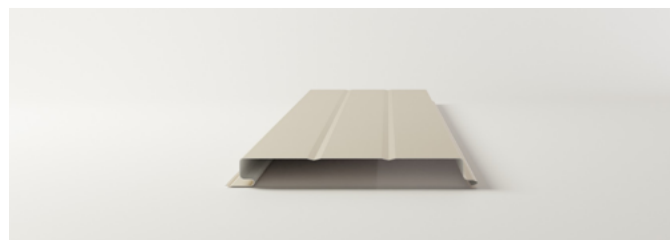
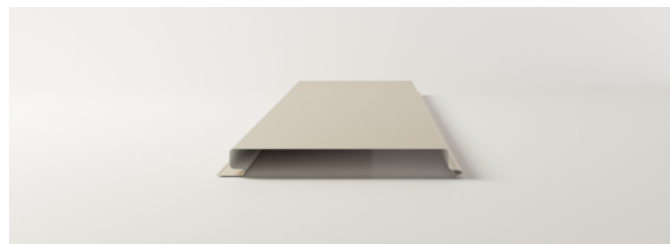


FLAT-12 & FLAT-12R



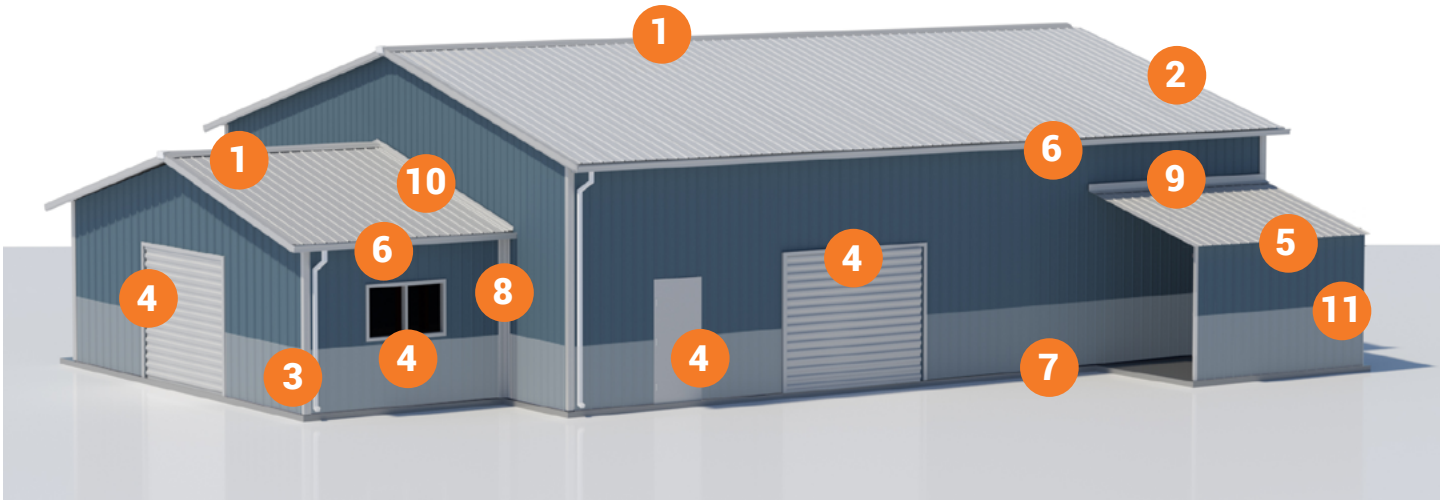
Flat-12 & Flat-12R are a concealed fastener wall/soffit panel. It is available in 24 gauge only.

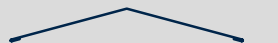
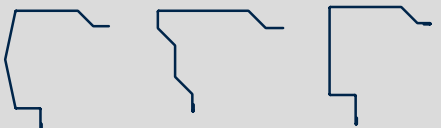
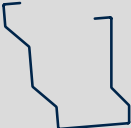
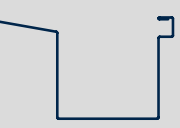
- Texas Department of Insurance*
- Florida Product Approval*



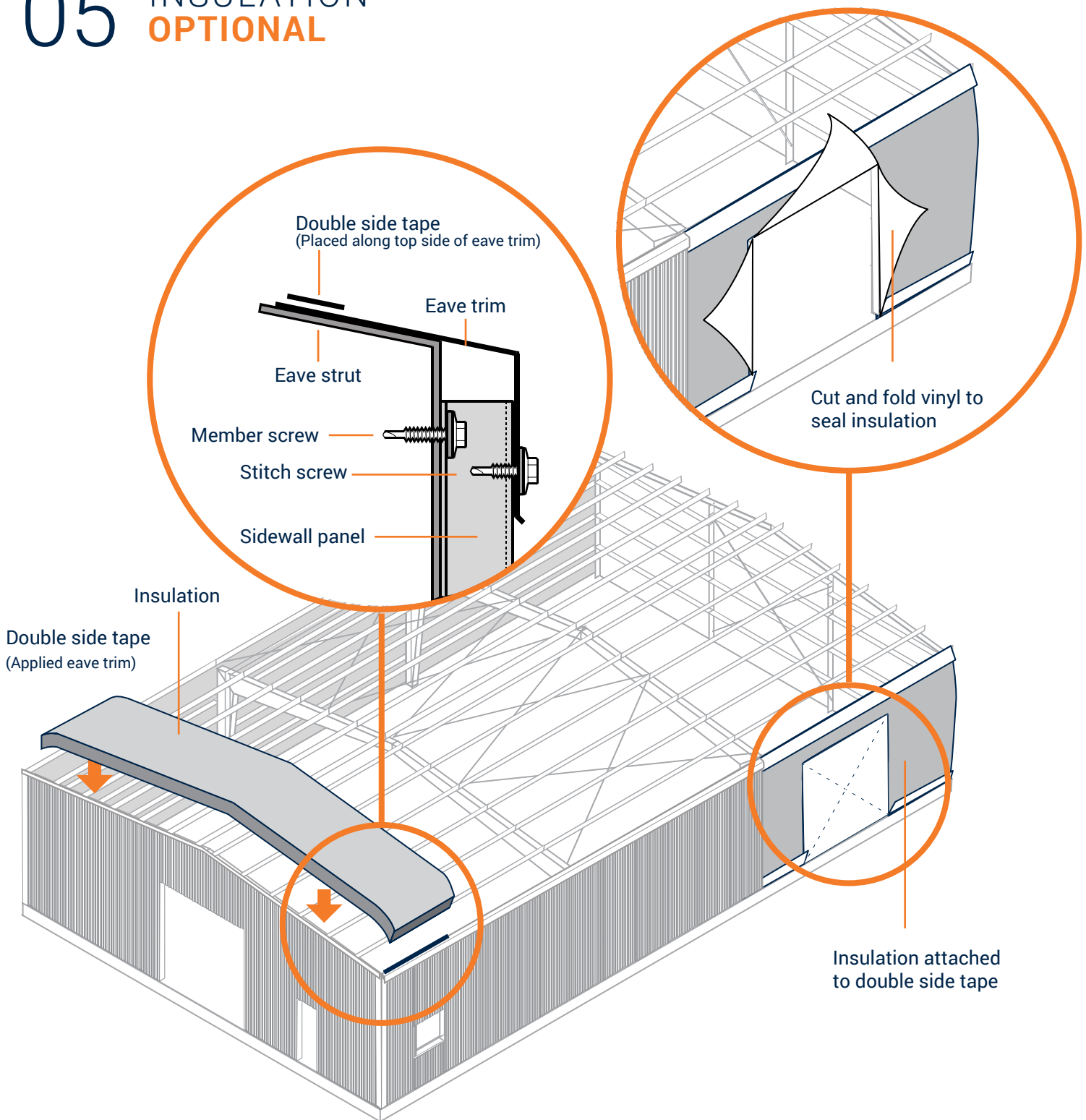
04 TRIM PARTS

Whirlwind gives you a full line of trim, hardware and accessories to customize your metal building project. Featuring a wide selection of colors, you'll find no one offers a better selection of trim – from the ground to the roof ridge – to finish your building design just the way you want. In fact, the trim displayed here is only a very small selection of our extensive offering of trim products.



1 Die Formed Ridge Cap 50SSRC 	Hip Trim HF-120 	Ridge Roll MT-80 	2 Rake Trim FL-16 RT-101 RT-801 	
3 Corner Trim CT-102 	4 Head & Jamb Trim FL-26 JT-101 	5 Eave Trim ET-80 ET-70 		
6 Gutter Trim FL-18D 	FL-18B 	GU-12 	GU-80 	7 Base Trim FL-72 
8 Inside Corner ICT-801 	9 Transition Trim MT-70 	10 Sidewall Trim MT-101 	11 Wainscot Trim WT-101 	

05 INSULATION OPTIONAL



Whirlwind Steel has partnerships with name brand suppliers of metal building insulation that have the experience and service capabilities to meet our customers' needs. The coordination between Whirlwind and outside vendors should be carefully discussed with your sales representative to ensure there are no delays at the job site when construction starts on your pre-engineered metal building.

06 FRAMED OPENINGS

Overhead Doors Roll Up Doors and Walk Doors

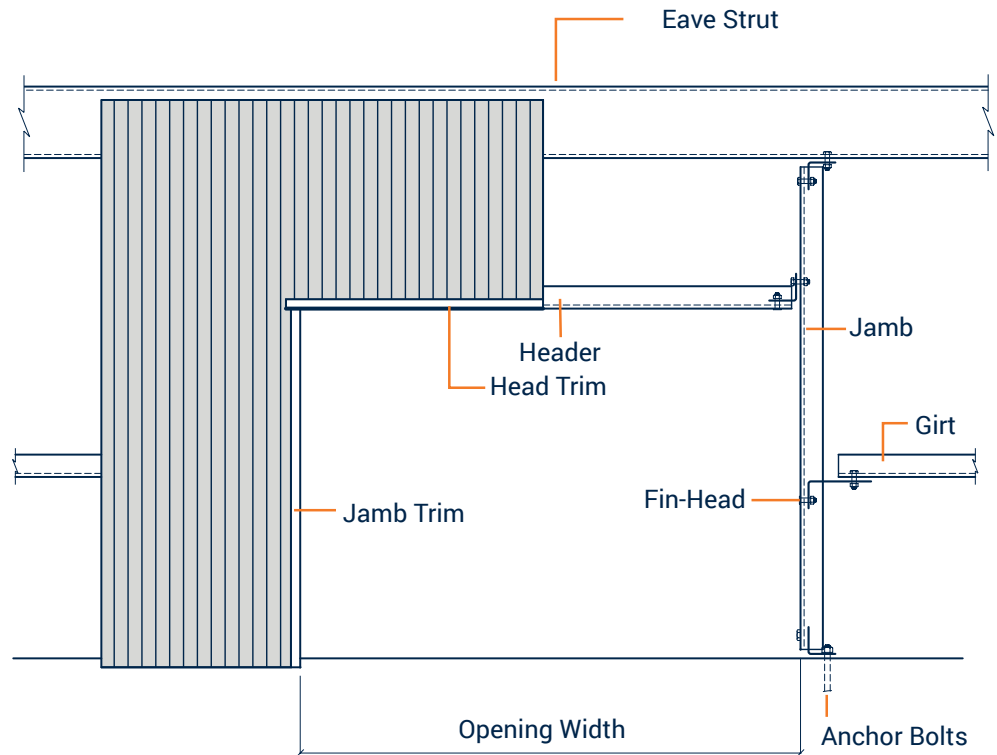
Overhead and Roll Up doors come in a variety of heights and widths requiring careful planning. Overhead and Roll-up doors need extra headroom to accommodate doors that are either rigid or flexible. Additionally, mechanical doors often require additional headroom to allow for motors and other accessories.

While Whirlwind Steel does not manufacture doors, we can provide a variety of solutions based on your needs. It is important to note that metal buildings should use steel reinforced commercial doors and not those typically found in residential construction. This also applies to both manual and electrical roll up and overhead doors. All doors, whether provided by Whirlwind or supplied by our clients, should be discussed early in the design process.

Windows

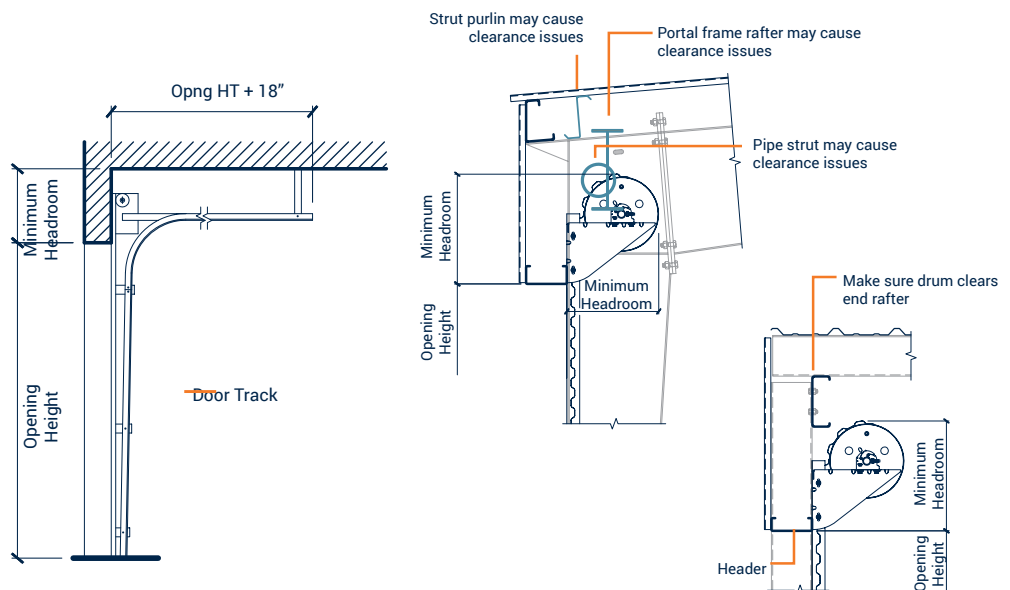
Window openings can be created using both traditional and custom shapes in most any size. Like doors, though Whirlwind Steel does not manufacture windows we can provide a variety of solutions based on your needs. Or, you can arrange to supply windows and frames. There can be many decisions to consider early in the design process and the help of our experienced sales managers will be important to getting your building project done right and on time.

Overhead / Roll Up Doors

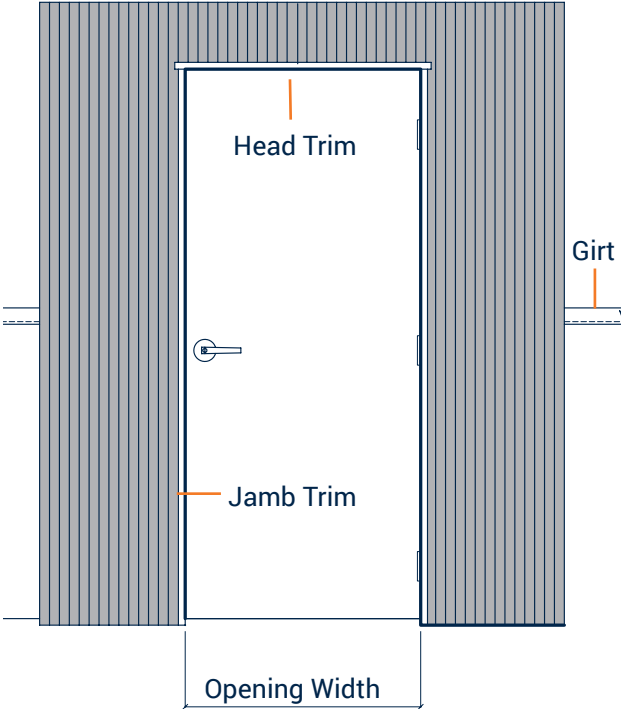


Concrete foundation and anchor bolts not provided by Whirlwind.

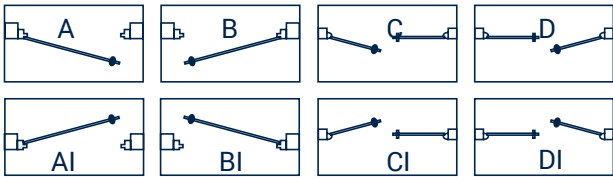
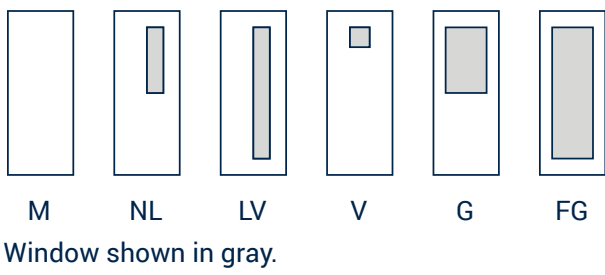
Headroom Clearances



Walk Doors

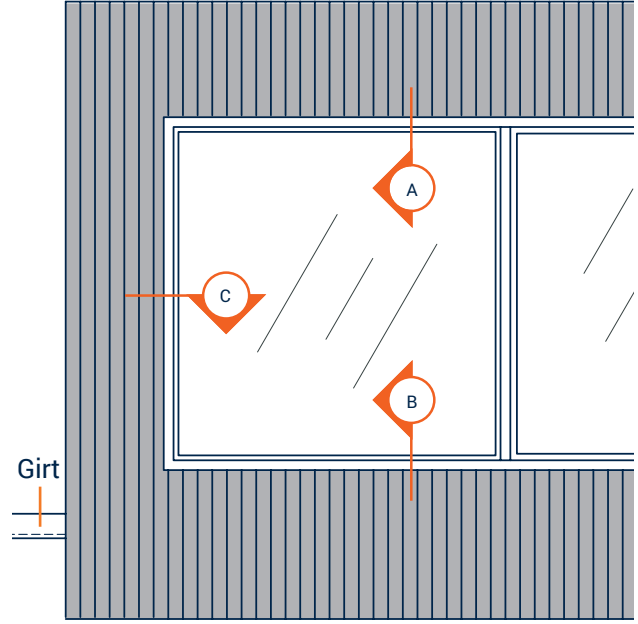


Walk Door Options

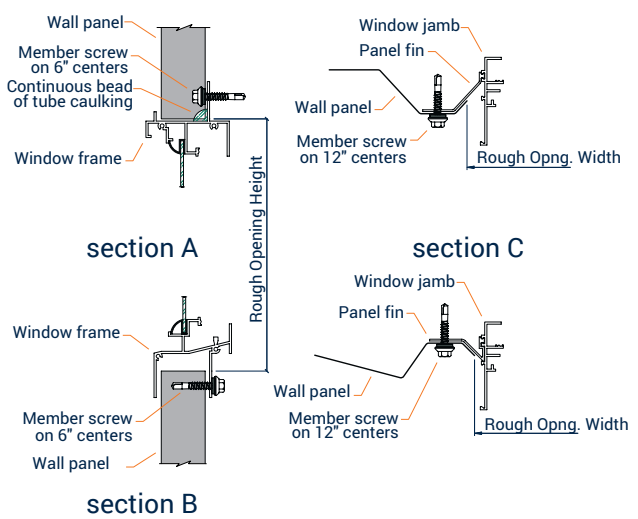


Outside Of Building

Windows



Window Cross Section



For more information and inspiration visit our website or give us a call.

WHIRLWINDSTEEL.COM | **(800) 324-9992**



Building
Gallery



Panels, Roofing,
Frames & Trim



Self-Storage
Solutions



Manufacturing
Capabilities



Color
Charts



Why Buy
From Whirlwind



Quick
Quote