



**BUILDING SYSTEMS**



**Stop Searching.  
Start Building.**

***[www.whirlwindsteel.com/sweets](http://www.whirlwindsteel.com/sweets)***

# ***QUALITY BUILDING FOUNDATION***



## **SALES**

Whirlwind's sales staff will listen to your needs and help guide you to the most efficient, attractive and economical solution to meet your building needs. With decades of experience and over 15 thousand buildings produced, place your confidence in Whirlwind to do the job right.

## **ENGINEERING**

Our staff of experienced design engineers are dedicated to providing you a building of integrity. Rest assured, the design of your Whirlwind building will meet or exceed the minimum design required. Whirlwind is committed to providing a safe, sound and serviceable structure.

## **FABRICATION**

Your building will be fabricated to the highest standard in our industry. The American Institute of Steel Construction annually certifies Whirlwind as a Category-MB fabricator. This stringent certification assures you of receiving a building that is designed and manufactured to the highest level of quality.

## **SHIPPING**

Your building will be carefully loaded, secured and shipped to your job site using Whirlwind's highly reliable, state-of-the-art fleet of trucks or a Whirlwind selected third party transportation company. Our goal is to arrive intact, complete and on time to your job site.

## **CONSTRUCTION**

Using our erection drawings, your qualified building erector will have your structure up before you know it. Whirlwind's customer service department is there to assist you through any assembly problem.

## **COMPLETION**

We take pride in what we do and are committed to providing exactly what our customers expect. Whirlwind won't be satisfied until you are.

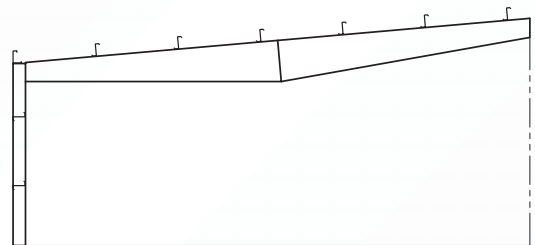
# BUILDING TYPES

## 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.

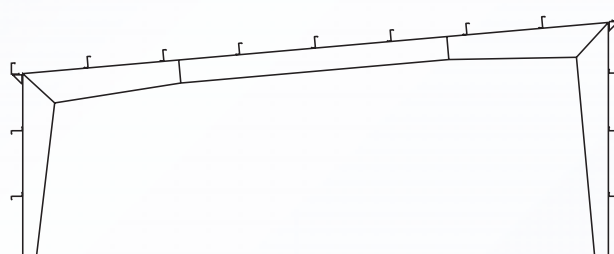
Simple span frame design provides minimal horizontal thrust so foundation costs are minimized.



## SINGLE SLOPE 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.

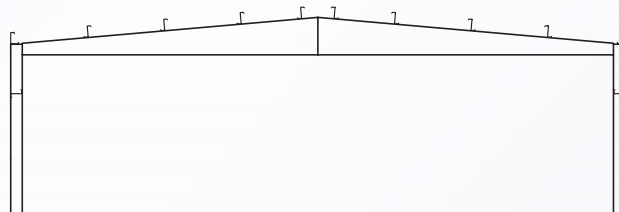


## WELDED TAPERED BEAM (WTB)

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.

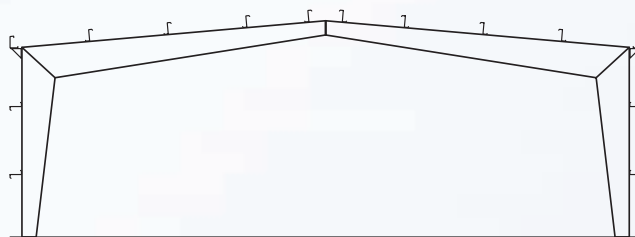


## WELDED RIGID FRAME (WRF)

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

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

WRF buildings are ideal where maximum available clearances are required in the center of the building.

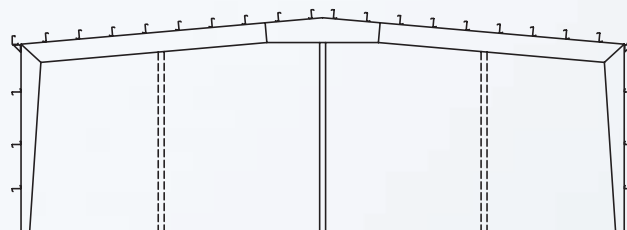


## COLUMN AND BEAM (CB)

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.



# Whirlwind Building Systems

Whirlwind has been manufacturing metal building systems since 1963. Founded in Houston, Texas in 1955, Whirlwind has grown from a small power fan and louver company to a major manufacturer of pre-engineered metal buildings and metal building components with additional plants in Tifton, Georgia; Lithia Springs, Georgia; Claremore, Oklahoma; Lathrop, California and Freeport, Minnesota.



Whirlwind's commitment is to provide our customers with the highest quality buildings at the lowest possible prices with exceptional customer service.

Whirlwind designs and manufactures a complete line of Metal Building Systems, Pre-engineered

Metal Buildings, and Metal Building Components. With over 500,000 square feet of manufacturing facilities in several locations across America, and with some of the most modern equipment in the industry, we are able to provide our customers with the capability, service, experience and competitive pricing to get the job done right.

Whirlwind manufactures metal building systems for commercial, industrial, municipal, agricultural, standing seam, architectural, aircraft hangar and self-storage markets.

## Extensive Testing:

All of Whirlwind's Standing Seam Systems carry a UL580 listing of Class 90, UL2218 Class 4 Hail Impact rating and a Class A Fire resistance rating. All of the systems have been tested in accordance with ASTM E-1592 and several of the Structural Systems have Florida Product approval, Miami-Dade County Product approval and FM 4411 approval.

## Warranties:

Whirlwind offers several types of warranties depending on the type and color of the panel you need. Our Commercial/Industrial panels come with 20, 40, or 35 year warranties. Our Standing Seam/Architectural panels come with a 35 year KYNAR warranty. Our Agricultural/Residential panels come with a 40 year SMP warranty on all the colors. All prime roof and wall panels sold by Whirlwind offer a warranty available upon request.



## Other Products:

Whirlwind Building Systems offers a complete line of Structural Cee's and Zee's ranging from 16 gauge to 12 gauge in depths from 3½" to 14". These products are available in standard red oxide primer or G-90 galvanized steel.

## Project Services:

Whirlwind's Project Services department specializes in projects such as standing seam roof systems, retrofit framing, or any situation beyond the normal "components order". Some of the services offered are:

- Design calculations.
- Erection drawings (with engineer's stamp if required).
- The necessary expertise to ensure that your project has the correct parts and pieces to create a complete system for your particular project.
- Assistance with any construction problems that may arise.
- Complete material take-off to ensure all of the materials are provided to complete your project.

Project Services can handle projects as small as a residential roof system to a complete retrofit project on a school or government building. Call us for all of your project needs.

## Services:

Once you have acquired our Whirlwind products, our customer support team and product services departments are here to assist you with any technical questions that you may have to help get your project completed.



### Houston, TX

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8234 Hansen Road / Houston, TX 77075

### Tifton, GA

US Wats: 888.311.3004 / Fax: 229.388.7959  
417 Oak Ridge Church Road / Tifton, GA 31794

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For components, please see our insert in *Sweets Roofing & Siding Panel* section.

