



PHOENIX TL SERIES METAL BUILDINGS

SMALL BUILDINGS...BIG IDEAS!



Uses of Phoenix TL Buildings

•Utilities / Transportation:

MCC (Motor Control Centers) ;
Pump Houses, Railroads,
Pipeline Transmission,
Instrumentation, Power Sub
Stations

•Telecommunications:

Switch Stations

•Commercial / Manufacturing:

In Plant Offices, Storage,
Mechanical Penthouse
Enclosures; Gate / Guard
Houses

•Other Small Building Needs:

BUILDERS prefer them because they are quick and easy to erect...

ARCHITECTS specify them because they are aesthetically pleasing and flexible for design...

OWNERS buy them because they want them to last...

PHOENIX SELLS THEM BECAUSE THEY ARE ALL OF THESE!

Benefits of our buildings:

•**Security** - Our wall panel system does not include any fasteners on the exterior of your building, so you cannot unscrew the wall sheets to gain access to these buildings. Walk door framing is made with heavy gage steel that is resistant to break-ins.

•**Portability** - Our buildings can be erected and shipped skid mounted via truck with no oversize permitting requirements.

•**Flexibility** – Self-framing design permits unobstructed use of your floor space. Doors and optional accessories can be located wherever you need in 16" increments as an integral part of your wall framing system. This means you do not have to design around bulky structural members or annoying columns.

•**Rigidity** - Designed to meet or exceed the majority of codes Live Load, Wind Load, & Snow Loads. Optional accessories also available for stiffening walls for application of wall hung equipment. Wall panels are 3" deep 24 gage and roof panels are 3" deep 18-gage which provide superior strength.

•**Appearance** - Concealed fastener wall framing system leaves no exposed fasteners, only crisp attractive lines are visible. Fascia and gutter match profile for a seamless trimmed-out look. Corner Wall panels eliminate the need for bulky corner trim. Our attention to detail is what sets our buildings apart.

•**Weather tightness** - High quality components, sealants, fasteners, and most important details are used to insure that your building remains weather tight for many years to come. Roof panel system is a standing seam roof where all fasteners occur outside the envelope of your building wall framing system. An oversize gutter and commercial grade downspout are also standard.

•**Simple Foundations** - Simplified foundations made of reinforced concrete to support uniform dead and live loads transmitted through wall panel system. Our buildings can also be skid mounted for increased portability.

•**Precision Manufacturing** - Components are precision made and marked for reference to supplied erection instructions for quick and easy construction. CNC formed parts ensure that holes will line up when making bolted connections and that trim will fit properly. Parts can be easily purchased at a later date if repair or remodel is required.

•**Energy Efficiency** - Our buildings can be insulated integrally within wall system and the optional ceiling can also be insulated for maximum thermal efficiency. Specially made thermal foam blocks are installed within the base channel to prevent moisture intrusion and air infiltration. Extra wall insulation may be obtained when optional interior liner is used.

Product Description:

Our buildings provide the size, flexibility and security you demand. Our all steel buildings ship as a ready to assemble kits complete with instructions. The building is self-framing, which means there is no structural steel impeding your floor space and no columns to design around. All accessories and framing members are located as an integral part of the wall framing system. The roof is single slope (1 1/2" slope in the width dimension). Standard buildings come with 3070 rough opening that can be located anywhere on the building in 16" increments.

Size Availability:

Building Width: 16" increments (high to low side)

5'-4"(min.); 6'-8"; 8'-0"; 9'-4"; 10'-8"; & 12'-0"(max.)

Building Length: 16" increments

Same as width (min.)

Max depends on width, height, and wind load.

Building Height: Nominal wall sheet length.

8'-0" & 10'-0"

Roof Slope: 1 1/2" in building width

Optional Accessories:

WINDOWS & LOUVERS: 2429;3829;& 3841 Nominal framing sizes available. Windows can be direct glazed or used with operable self framing window kits.

INTERIOR LINER: White through-fastener type panel over 7/8" hat channel furring. Used for a finished interior look. Used also to cover insulation in walls.

CEILING: 16" concealed fastener suspended ceiling is used for a finished look and also to create an insulation cavity for roof insulation.

INSULATION: 16" wide batt-type insulation to fill wall and ceiling panel cavities.

STRUCTURAL WIND BENT: Integral framing used for additional support that fits within wall system and above optional ceiling.

Material Specifications:

ROOF: 16" wide 3" high standing seam interlocking ribs made out of 18 gage 50,000 psi galvanized steel.

WALLS: 16" wide embossed interlocking sculptured concealed fastener panels, with two 3" deep ribs and a 4" x 1 1/2" deep trapezoidal face sculpture. Material is 24 gage prepainted or unpainted Aluminized or Aluminum-Zinc alloy steel with minimum yield of 50,000 psi.



FRAMING MEMBERS: Base channels and eave plates are made from galvanized steel.

FASTENERS: Bolts & nuts are zinc-plated steel. Exposed sheet metal screws are corrosion resistant coated steel, prepainted to match building colors.

TRIM & FLASHING: All fascia, gutter, downspouts, and other misc. trim are made from a min. of 24 gage steel in factory pre-painted colors. Corner trim is .040" Aluminum.

