

 **Robertson**

Robertson Building Systems
An NCI Company

*Quality Products backed
by Quality Service*

Quality



More than 145 years of building innovation

Quality Service Quality Products

Robertson Building Systems is a leading provider of steel building systems and steel building components. With nearly 150 years in the construction industry, Robertson's longevity can be attributed to quality products, a high standard of service, an ability to adapt to an evolving construction market and most importantly, strong relationships with our customers.

A Robertson building offers the strength of steel and knowledge that you are building with one of the world's most recycled materials. Virtually 100% of the metal used in steel construction is recyclable. Low maintenance steel roofs with high insulation values can help you conserve energy while reducing operating and maintenance costs.

Robertson Building Systems can design a solution especially for your needs and specifications whether your building project is small and simple or large and complex.

Robertson offers an extensive array of building components that may be used to add architectural flare to conventionally constructed buildings or for re-cladding, re-roofing or retrofitting existing buildings. Robertson offers many different panel profiles, colors and gauges, cees and zeeks, trims, flashings, accessories and more.

All Robertson building components are of the highest quality. Our manufacturing facilities are CAN/CSA A660 certified and IAS accredited. We stand behind our products with some of the best warranties in the business.

We will continue to build on our excellent reputation by consistently providing practical, aesthetic building design solutions for you, our valued Robertson customer.

That's our commitment.



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What sets Robertson apart ...

Total solution provider in design, manufacturing and construction

As you prepare to page through this booklet, allow me to provide some insight into our company. We are an uncommon company. Uncommon in that we believe that working to make a profit is not our primary goal, it's the result of working to make sure you — our customer — remain totally satisfied. Satisfied to the point that you will never consider doing business with anyone else after we've had an opportunity to serve you.

In short, we are a customer-focused company.

Our people — from customer service to top management — strive to build long-term relationships so we can offer the best total solution for every building situation. In the long run, that's the best way to keep our company successful.

Best value — best price

One reason for our continued growth is because our building systems are competitively priced. We continuously seek methods for improving productivity — so you benefit by getting the best value.

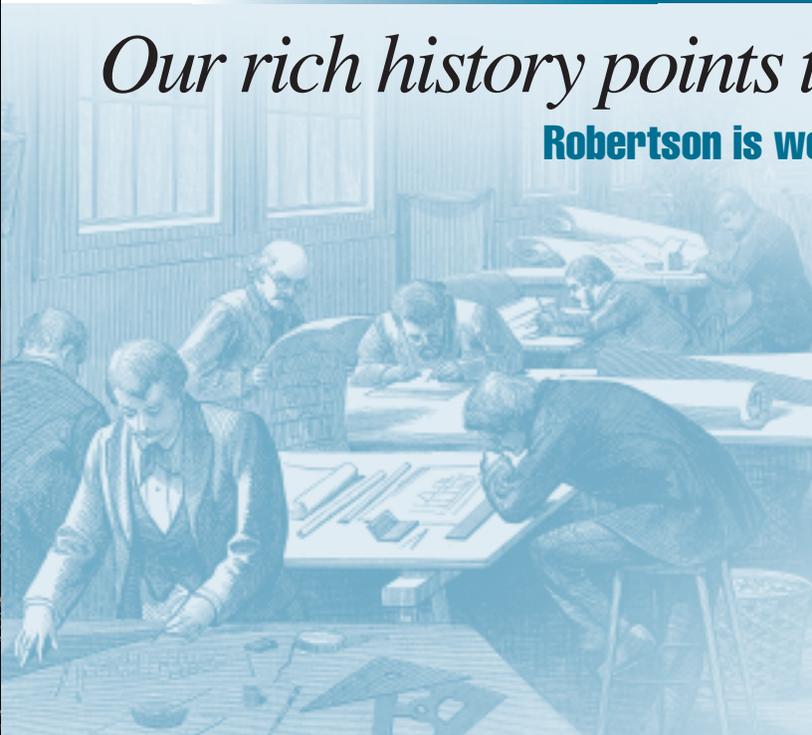


Our rich history points to continued success ...

Robertson is well-grounded in the construction business

We were founded in 1863, so we've accumulated almost 150 years of valuable growth-oriented experience in the construction business. Our continuing rate of growth can be attributed in large part to our dedication to technologies that improve our production capabilities and generate greater value-added features.

Like every company, we've made mistakes along the way; but, we've made it a point to learn and profit from those mistakes. This experience and knowledge makes Robertson a valuable resource to answer questions and/or solve building problems should they arise.



Our Design Capabilities ...

Robertson customers benefit from the most advanced computerized engineering, pricing, and order-entry programs in the steel building systems industry today.

Robertson's state-of-the-art software programs are enhanced continually — upgraded every year — to meet the increasingly demanding building challenges of today's construction market.

The program used by Robertson Builders even computes loads (wind, snow, seismic) by geographic area. With this level of sophistication, your Robertson Builder can quickly provide complete detailed drawings and pricing. Our 2D and 3D views will allow you to “see” your building, so you don't have to guess what it will look like.

After reviewing the building configuration and drawings, any required changes to the building design can be made easily and quickly, with updated drawings and pricing generated immediately.

Robertson also offers advanced capability to handle complex “hybrid” systems construction using state-of-the-art conventional design software. This translates to entirely new architectural possibilities.

For example, an owner can build exactly what he needs for today, but plan for the possibility of future expansion by using Robertson's engineered steel framing. Steel buildings are, by design, expandable. Additions can often be made — quickly and economically — by removing an endwall and adding on to the building. And the economy of steel frames is well established for large clear spaces required for sports arenas, churches, manufacturing plants — anywhere that interior columns would interfere with an activity or process.

Combining Robertson's engineered building systems with light-gauge steel roof trusses and/or conventional construction materials creates new architectural possibilities for buildings such as offices, sports facilities, distribution centers, worship facilities and shopping centers.



The Mohawk 4 Ice Center combines conventional construction for the lobby and offices with open clear span framing for the four ice pads.



The Longton Medical Center features a hybrid structural system and an architectural steel roof.

The flexibility afforded by this hybrid approach allows the creation of attractive and unique building forms, including curvilinear, asymmetrical, flat and geometric shapes, complex hip roofs and dormers. Designers enjoy the freedom to create a unique look, both inside and out.

Once your building order has been finalized, your Robertson Builder will electronically transmit your building order directly to Robertson.

Cutting-edge metal building design and drafting systems are then used to ensure all the building specifications are met exactly.



Some industries we serve ...

Robertson buildings have been selected by discerning business owners in a wide variety of industries – from complex manufacturing plants, retail centers, individual stores and office buildings, to large and small self-storage warehouses. Our buildings also serve institutional needs, such as government facilities, sports centers, schools, churches and fire stations.

Shown here is a small sampling of the buildings we are proud to supply.



Worship Facilities
Christian Faith Fellowship Church



Warehouses and Distribution Centers
Canwel Building Materials



Recreational Facilities
St. Albert Multipurpose Leisure Center



Manufacturing Plants
Gateway Group



Services
Brandette Well Servicing Ltd.



Retail
La-Z-Boy Furniture Gallery



Offices
Camdon Headquarters

Framing Systems...

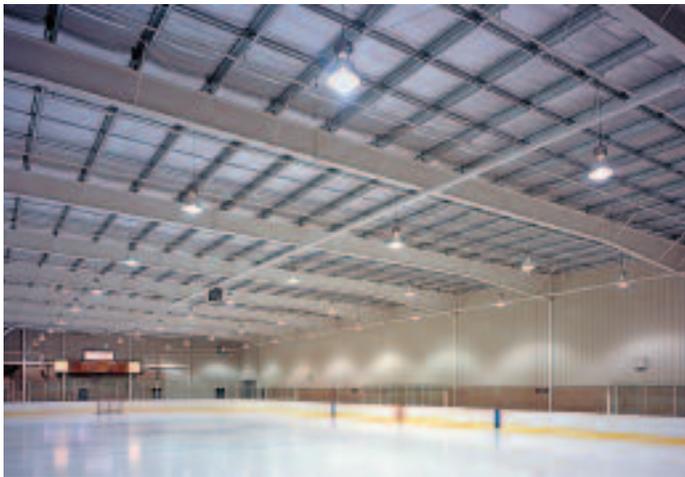
Every Robertson frame is designed to meet your specific building requirements. Robertson has the engineering expertise to design interiors with wide-open spaces, unusual

ceiling heights and extreme load requirements. Our frame design can accommodate cranes, monorails, mezzanines and other custom requirements. Robertson framing systems are separated into four main categories:

- Clear Span Frames
- Multi-Span Frames
- Lean-to Frames
- Long Bay Systems

Clear Span Frames

Clear Span frames are most often used in buildings where unobstructed interior space is required. Common uses include aircraft hangars, arenas, tennis centers, soccer centers, riding arenas, manufacturing facilities, warehouses, offices and retail stores. A building designed without interior columns can also provide the space required for material handling and crane systems.

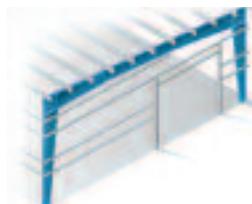


Clear Span frames



Single Slope, Straight Column Frames

- W: 15' - 80'
- H: 10' - 60'



Single Slope, Tapered Column Frames

- W: 15' - 150'
- H: 10' - 60'



Double Slope, Straight Column Frames

- W: 15' - 80'
- H: 10' - 60'



Double Slope, Tapered Column Frames

- W: 15' - 150'
- H: 10' - 60'



Multi-Span frames

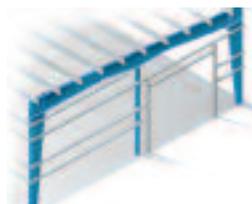
Multi-Span Frames

Multi-span frames are commonly used for building layouts that permit interior columns. The spacing between columns can be consistent or varied to meet customer requirements. Large open floor spaces are accommodated by using the minimum number of columns to allow large open spaces and easy movement of fork lifts, etc. Common uses include manufacturing plants, warehouses, truck terminals and retail stores.



Single Slope, Straight Column Frames

- W: 15' - 600' • H: 10' - 60'
- Interior column spaces from 10' to 100'



Single Slope, Tapered Column Frames

- W: 15' - 600' • H: 10' - 60'
- Interior column spaces from 10' to 100'



Double Slope, Straight Column Frames

- W: 15' - 600' • H: 10' - 60'
- Interior column spaces from 10' to 100'



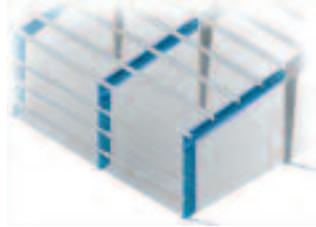
Double Slope, Tapered Column Frames

- W: 15' - 600' • H: 10' - 60'
- Interior column spaces from 10' to 100'

Lean-to Frames

A lean-to frame typically has a single slope profile (no ridge) and straight sidewall columns. It must be supported by the attachment to another frame.

Primarily used for expansion or extension of a building, lean-to frames can provide additional space very economically. They are commonly used to provide additional office or storage space for a larger building.



Single Slope, Straight Column Frames

- H: 15' - 60'
- Clear span widths up to 60'



Lean-to frames used for office area

Photo courtesy of Jason Staller

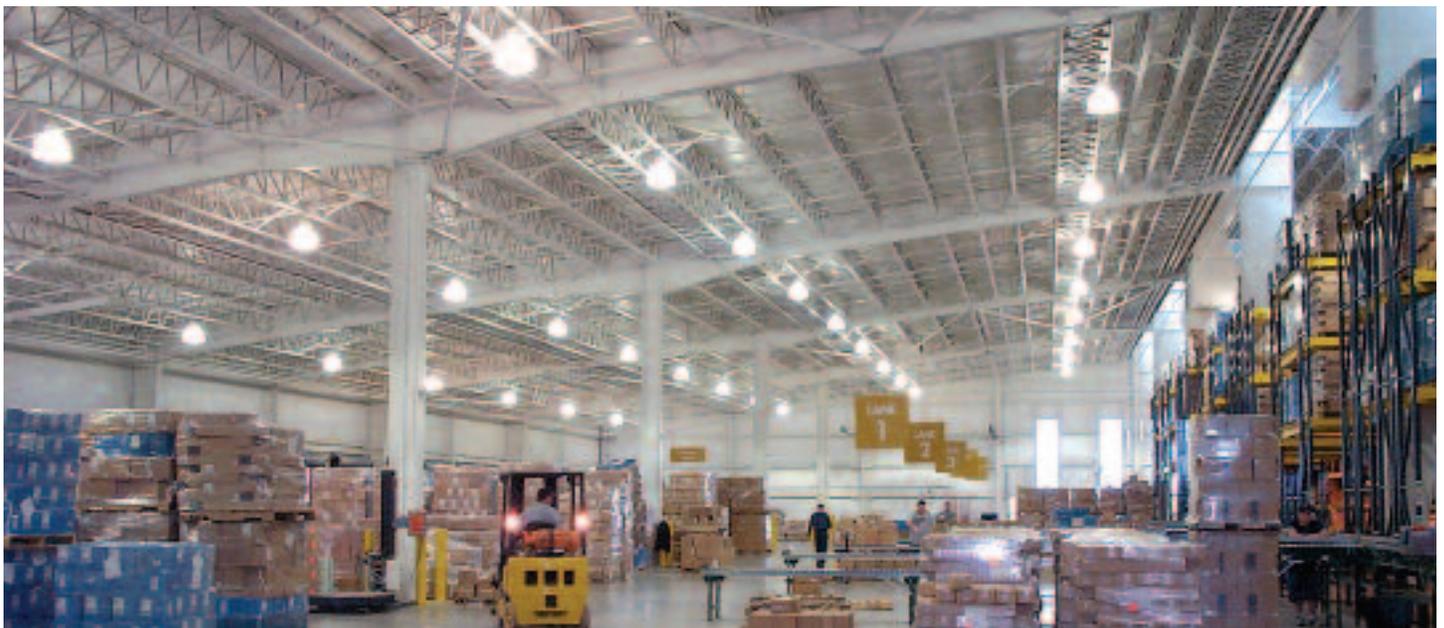
Long Bay System

When you need to maximize interior space, Robertson's Long Bay System is the solution. This innovative steel roof framing product provides large areas of open floor space using solid web primary frames and pre-punched open web purlins (roof secondary structural members) to provide bay sizes up to 65' — the longest in the industry!

It's the perfect answer for manufacturing plants, vehicle dealerships, warehouse/distribution facilities and large retail stores since it requires fewer interior columns. This strong yet lightweight roof framing system provides all the benefits of engineered building systems including superiority over conventional construction methods.

Choose from tapered columns for economy or straight columns for aesthetics and clearance. For buildings that include completely load-bearing walls, sidewall columns may not be necessary.

To achieve the lowest life-cycle costs, Robertson's Long Bay System may be ordered with a standing seam roof in your choice of single-slope, double-slope or offset ridge profiles with slopes from 1/4:12 to 1:12. Alternatively, Long Bay can also be used with B-deck for a built-up or single-ply roof. The Long Bay System works well with a wide variety of compatible wall systems including tilt-wall or pre-cast concrete, EIFS and curtain wall assemblies, masonry, brick and insulated or single-skin metal wall panels.



Long Bay Steel Roof Framing System



Harrisville Place



Hi-Way 9 Express



Casselman Nissan



ABM Integrated Solutions



Hewing Transport



Shaw International

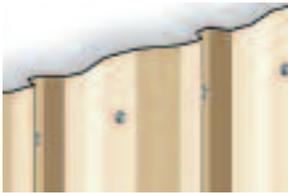
Wall Systems ...

Robertson's panel systems come in a variety of natural colors and can be used alone or in conjunction with traditional construction materials to create aesthetically pleasing and energy efficient buildings. Light-mass walls and roofs consisting of

Robertson A-36 Wall System

An architecturally sculptured shadow panel.

- 36" wide panels feature 1" deep flutes spaced 12" apart to provide an aesthetically pleasing profile
- Attachment of panels is made from the building exterior using color-matched fasteners. Located in the 1" deep flutes, the fasteners are semi-concealed resulting in a clean, uniform appearance
- Available in 24- and 26-gauge
- Available in aluminum zinc finish and many attractive colors in siliconized polyester and Kynar



Robertson Dura-Rib® Wall System

An attractive yet economical building solution. Provides reliable, economical, long-life performance for a wide range of building applications.

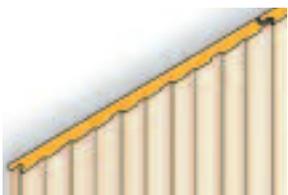
- 36" wide panels with 1-1/8" high ribs spaced 12" apart offer a traditional look with a clean profile
- Panels are attached from the exterior with color-matched fasteners
- Panels are designed to add structural strength and provide superior load carrying capacity
- Available in 26- and 24-gauge steel
- Available in aluminum zinc finish and many attractive colors in siliconized polyester and Kynar



Robertson Insulated Wall System

Factory-insulated wall panel offers thermal efficiency with aesthetics and durability.

- Insulating polyurethane core is sandwiched between low-profile, concealed-fastener metal panels
- Exterior face can be supplied in a variety of low-profile embossed panels in 26-, 24- or 22-gauge steel skins
- Interior face is supplied in a low profile planked embossed panel in 26-, 24- or 22-gauge steel skins
- Composite panel construction provides high strength, making greater spans possible
- Low-profile panels with tongue-and-groove side joints provide a fastener-free exterior surface
- Panels are available in widths from 24" to 42" in many attractive colors and finishes
- Panel thickness ranges from 2" to 6", providing R-values from 15 to 47



metal panels and insulation store very little heat or cold. This allows HVAC systems to operate more efficiently, reducing utility costs. Advanced, state-of-the-art synthetic resin finishes reduce maintenance costs and are warranted for up to 25 years.

ShadowRib™ Wall System

A true concealed-fastener system with an appealing shadow effect.

- Beautifully embossed panels attach from the interior of the building so the fasteners are hidden, resulting in a clean, sculptured profile
- Available in 24- and 22-gauge steel
- 3" deep ShadowRib panels are 16" wide with 1-1/2" deep flutes to create an attractive panel profile
- ShadowRib is available in a wide variety of colors and finishes



Stucco Wall System

The architectural look of stucco without an expensive price.

- 16" wide panels are roll-formed from 20-gauge hot dipped galvanized steel coil and coated with a stucco finish
- Composed of specially formulated acrylic pigment and marble crush
- Concealed fasteners achieve a smooth consistent surface
- Satisfies many local building code requirements for a masonry or stucco finish
- Colorfast and long lasting
- Low maintenance
- Fire-retardant panels available in a wide variety of colors
- Backed with a 25-year warranty



RTS Wall and Roof System ...

If you're looking for a way to reduce energy costs, this is the system for you — the ultimate thermal barrier for energy efficiency. With millions of square feet of the Robertson Thermal System (RTS) in the market, this is one of the industry's most proven roof and wall systems.

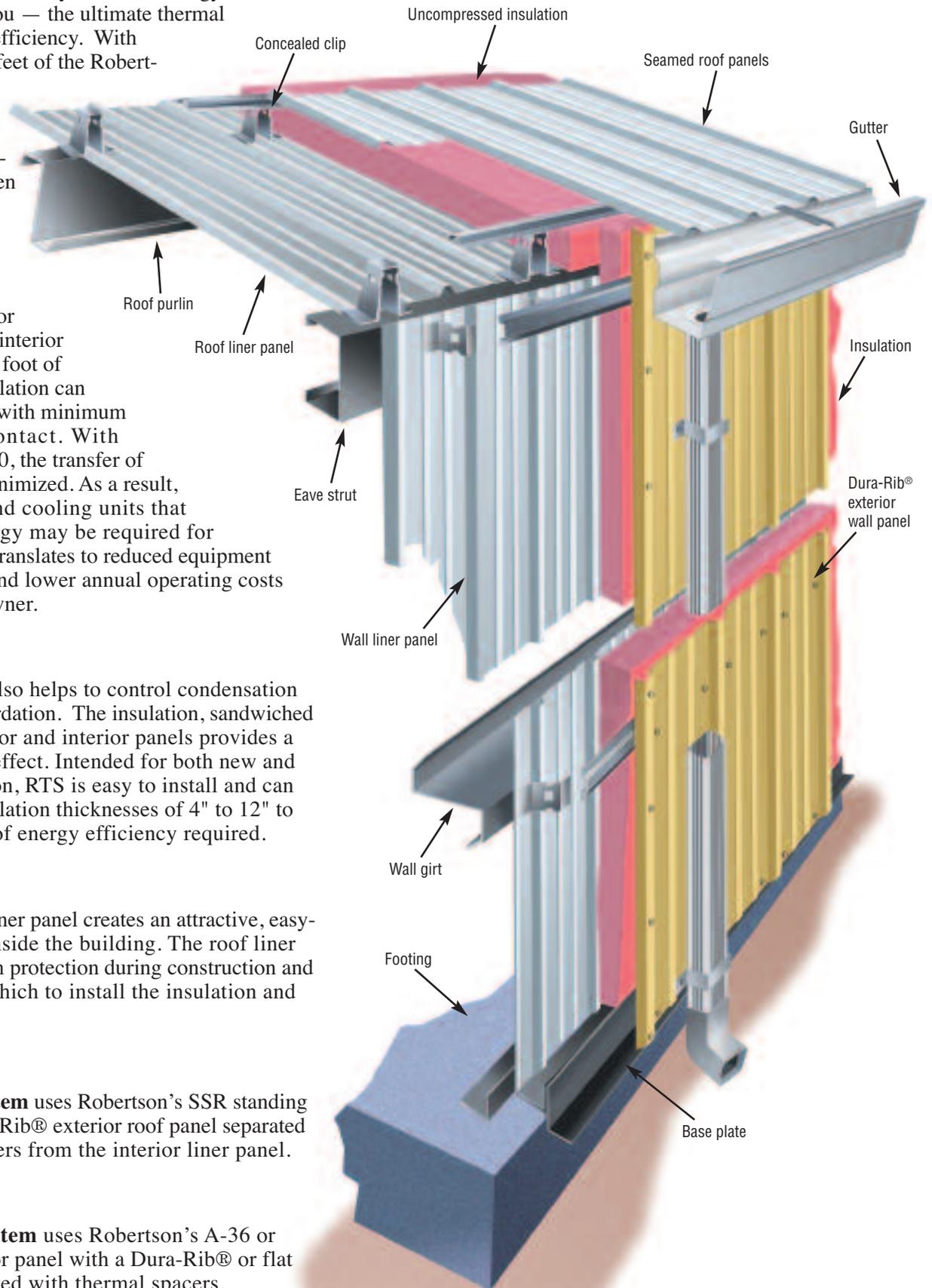
Between the exterior roof panels and an interior liner panel, up to 1 foot of uncompressed insulation can be accommodated with minimum through-metal contact. With R-values up to R-40, the transfer of heat and cold is minimized. As a result, smaller heating and cooling units that consume less energy may be required for the building. This translates to reduced equipment acquisition costs and lower annual operating costs for the building owner.

The RTS system also helps to control condensation through vapor retardation. The insulation, sandwiched between the exterior and interior panels provides a noise dampening effect. Intended for both new and retrofit construction, RTS is easy to install and can accommodate insulation thicknesses of 4" to 12" to provide the level of energy efficiency required.

The interior wall liner panel creates an attractive, easy-to-clean surface inside the building. The roof liner panel offers interim protection during construction and a platform from which to install the insulation and exterior panels.

The RTS roof system uses Robertson's SSR standing seam roof or Dura-Rib® exterior roof panel separated with thermal spacers from the interior liner panel.

The RTS wall system uses Robertson's A-36 or Dura-Rib® exterior panel with a Dura-Rib® or flat liner panel separated with thermal spacers.





TransAlta Tri Leisure Center



Norstar Windows & Doors Ltd.



Lee Valley



Gateway Group

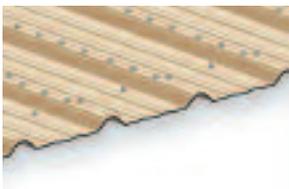
Roof Systems ...

Robertson's roof systems are not only weather-tight, they are also lightweight, energy efficient and virtually maintenance free. Fabricated from high-strength steel, they are resistant to decay and thermal shock. To resist steel's normal oxidation and deterioration, roof systems are available painted or with a long-life coating which is warranted for up to 25 years against rupture, structural failure, or perforation due to normal atmospheric corrosion.

Robertson Dura-Rib® Roof System

Robertson Dura-Rib® Roof System is an economical through-fastened roof system designed to provide weathertightness.

- 36" wide factory-formed panels with 1-1/8" high ribs spaced 12" apart
- Available in 26- or 24-gauge steel
- Panel features a full sidelap configuration engineered to ensure weathertightness
- High strength steel resists hail damage and improves walkability; when combined with deep ribbed panel configuration, the load capacity is increased
- Design includes a purlin-bearing leg which makes panel alignment and fastener engagement easy and consistent
- Special fasteners with innovative pilot points minimize fastener strip-out
- Increased fasteners along the eaves combat moisture migration from ice and snow buildup

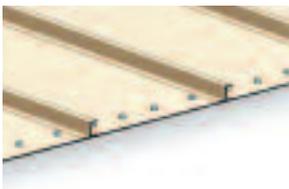


- Quality sealant applied during erection helps eliminate water migration and air infiltration
- Available in aluminum-zinc finish plus many attractive colors in siliconized polyester and Kynar
- Carries the Underwriters Laboratories wind uplift classification up to U.L. Class 90

Robertson Battenlok® HS Roof System

Robertson Battenlok® HS is a concealed-fastener architectural roof system, designed for a wide range of roof applications where aesthetics, durability and strength are important.

- 16" wide panel is made from heavy 24-gauge steel material with a long-life coating in several attractive colors and finishes
- Utilizing both floating and fixed clips, the Battenlok® HS system accommodates expansion and contraction
- Nominal 2" vertical leg
- Battenlok® HS roof system can accommodate up to 6" of insulation, providing very good R-values



- Carries the highest wind uplift rating (Class 90) from Underwriters Laboratories (UL)

- **Through-fastened roof panels** require mechanical fasteners to hold the panels to each other and to the sub-structure. A proven solution that provides function and economy for many roof applications.
- **Seamed roof panels** eliminate mechanical fasteners to connect adjoining panels.
- **Standing seam roofs** are the most specified roof systems in the industry. Special clips allow the roof to accommodate the expansion and contraction of metal panels caused by daily and seasonal fluctuations in temperature.

Robertson SSR (Standing Seam Roof)

One of the most tested roofs available, Robertson SSR (Standing Seam Roof) System is a floating roof system designed to be weather-tight and energy efficient.

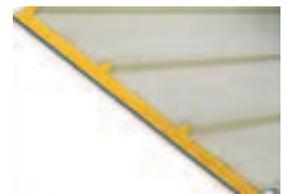
- 24" wide panels, machine-seamed together with a full 360° Pittsburgh double-lock, 2-7/8" above the drainage surface of the roof for weather-tightness
- Panels available in 22- or 24-gauge steel
- Uses specially designed 2-piece clips with a sliding tab to attach the roof to the structural system, thereby eliminating structural penetration
- Special clip permits the roof to accommodate the movement caused by temperature variations
- Concealed clip uses a stand-off design to minimize compression of the insulation for greater thermal efficiency
- R-value of 17.29 can be achieved using 6" of fiberglass insulation
- Carries the highest wind uplift rating (Class 90) from Underwriters Laboratories (UL)
- Available in several different colors and finishes



Robertson Insulated Roof System

Factory-insulated roof panels offer thermal efficiency with aesthetics and durability.

- Insulating polyurethane core is sandwiched between inner & outer concealed-fastener metal panels
- Exterior face can be supplied in a variety of high rib profile smooth or embossed panels in 26-, 24- or 22-gauge steel skins
- Interior face is supplied in a low-profile planked embossed panel in 26-, 24- or 22-gauge steel skins
- Composite panel construction provides high strength, making greater spans possible
- Panels are available with exposed fasteners at the side joints or with mechanically-seamed side joints
- Panels are 36" wide and are available in many attractive colors and finishes
- Panel thickness ranges from 2" to 6", providing R-values from 15 to 47





Longton Medical Center



Christian Faith Fellowship Church



Community Pentecostal Church



Compass Center



Southland Community Church



Checker Storage

Self-Storage Solutions...

Fast and easy to install, steel self-storage systems offer the utmost in performance while attracting customers too. Using lightweight structural steel for strength that lasts, exterior panels and trim are available in several attractive profiles and Signature colors.

Standard Single-Story systems can be tailored to your specifications. Choose from a selection of wall systems and roof systems including Standing Seam roofs. Optional doors, windows, gutters, downspouts and insulation are also available.

Climate-Controlled systems have enhanced thermal efficiency which means lower utility costs. A complete selection of corridor and panel options makes this an ideal choice for protecting personal possessions.

Multi-Story and Complex Self-Storage Development for flexible two- or three-story building design and/or multi-use facilities. Installation is fast and simple for optimal efficiency.

Boat & RV Storage meets the storage needs of outdoor enthusiasts. Storage units up to 15 feet wide are available, with various building and door options.

Package Series are pre-designed storage systems for speed and economy. Three building widths with three different configurations result in nine cost-effective packages that reduce the time for ordering and delivery.

Our Network of Authorized Robertson Builders

We firmly believe that our Builder companies are an integral part of the Robertson team. They are our partners! We make it easy for our Builders to work with us because we know your company will look to your Authorized Robertson Builder as your single-source, solution provider. We're responsible to your Builder for the entire building envelope. And we'll give your Builder the cost predictability to eliminate any "surprises" along the way.

Robertson has carefully selected independent construction experts to be Authorized Robertson Builders. They are chosen for their excellent industry reputation as well as their ability to provide professional design and construction services.

- Your Authorized Robertson Builder will be happy to work with you right from project conception to completion, to ensure you get the building that's exactly right for your needs, your timeline and your budget.
- Your Authorized Robertson Builder can offer single-source solutions for your building needs to deliver a complete turn-key project.
- Your Authorized Robertson Builder is committed to delivering a great building experience every time so that



Robertson Builders offer professional design and construction services.

your expectations will be met or exceeded. In fact, we hope you'll be so pleased that you'll recommend your Robertson Builder to your friends, family and business associates.

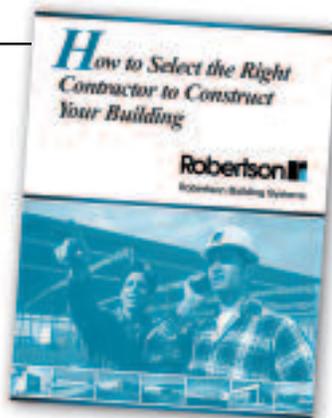
At the end of the project, you'll have a building you'll be proud to say is yours.

To find an Authorized Robertson Builder near you, we invite you to visit our web site at www.RobertsonBuildings.com, and click on **Find a Builder**. Or call Robertson Building Systems at 1-800-387-5335.

Yours FREE.
Send for it now before selecting a contractor

If you're planning to build new or expand an existing facility, send for this free and informative booklet from Robertson Building Systems: *How to Select the Right Contractor*. To receive your free copy, simply call or write:

Robertson Building Systems
Marketing Department
1343 Sandhill Drive
Ancaster, ON L9G 4V5
Phone: 1-800-387-5335



There are three important advantages your nearby authorized Robertson Builder has over other contractors in your area:

1. The buildings Robertson Builders erect are engineered and manufactured precisely as a complete building system in a controlled environment – not at the construction site.
2. When engineered building components are delivered directly to your construction site, they go together faster and more efficiently – exactly as they've been planned.
3. Robertson Builders' customers are very pleased with the outcome because their buildings are completed on time and on budget. They take occupancy sooner and enjoy the advantages of their expanded operations faster than with traditional construction.

Learn more...

In addition to the *How to Select the Right Contractor* booklet offered to you on the preceding page, Robertson Building Systems has developed three other booklets for you to use for planning purposes. Each booklet is yours FREE – simply by asking. If you would like to receive one or more of these booklets, we invite you to write or call the phone number shown below.

HOW can we justify the cost of building our own building? WHEN should we begin building?

This informative booklet, developed by Robertson in conjunction with a Certified Public Accountant (CPA), is ideal for business owners who have thought about owning their own building, but aren't sure their businesses are ready to take that next step. The booklet addresses key business issues and includes a case study about a business owner who needed honest and unbiased answers to the question about building or leasing.



What type and size of building does our company need to accommodate our plans for future growth?

Whether you're planning to build now or just thinking about it, information in this booklet will help you in three important ways:

1. To evaluate the space you have now;
2. To think about what you'd like to have right now to operate more effectively;
3. To think about what you'll need in another five years.

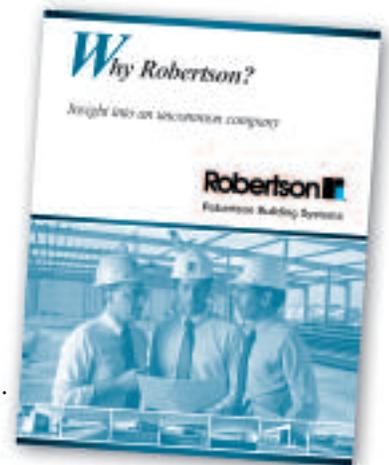
It walks you through a thought-provoking 14-Step planning process. It helps you look at each department in your company (even storage areas) and consider what it would be like if more efficient space could be added or modified. The booklet also acquaints you with the advantages of engineered building systems construction over other traditional forms of construction.



Why Robertson? Insight into an Uncommon Company

When you choose a contractor, you also choose the contractor's key suppliers. Learn why Robertson is considered best among manufacturers of engineered building systems. What you learn from this booklet could help you avoid costly and time-consuming pitfalls before construction begins, during construction, and after your building has been built.

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Lee Valley Head Office

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