



WHY LESTER?

LESTER
BUILDINGS

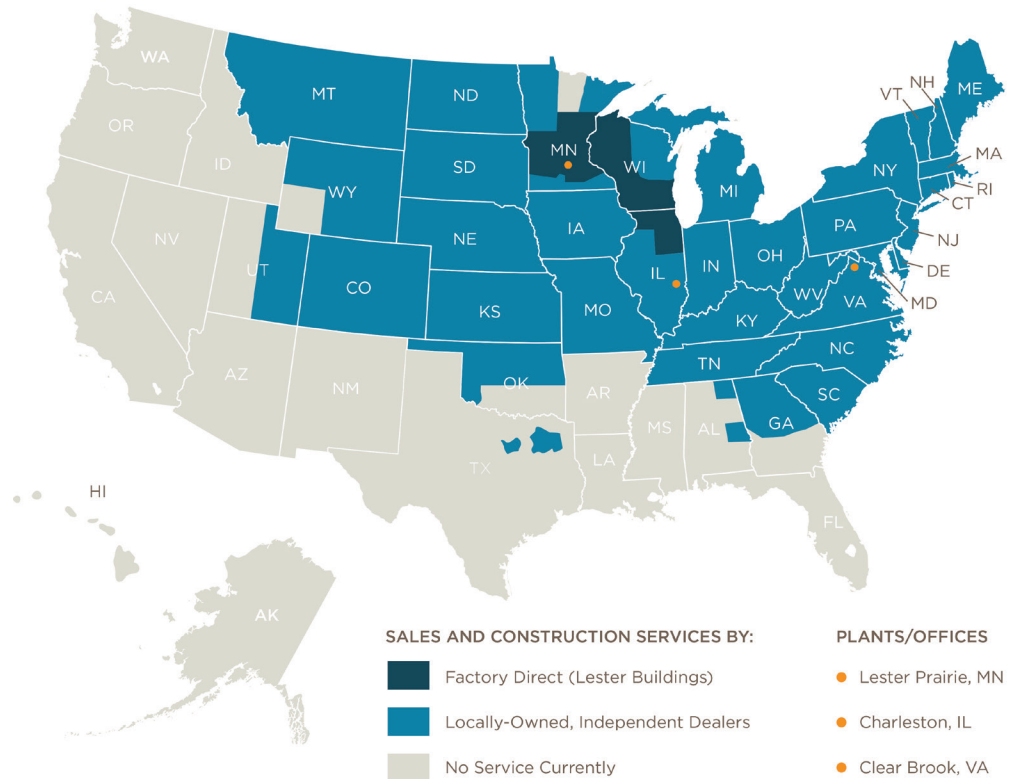
DEPENDABLE PERFORMANCE SINCE 1947

Lester Buildings delivers customers the pride and peace of mind that comes from owning a Lester engineered pole building. With over 180,000 buildings dotting the landscape, Lester has an unmatched performance record. This has been accomplished through an unbending commitment to engineering excellence, top quality materials and leading technology.

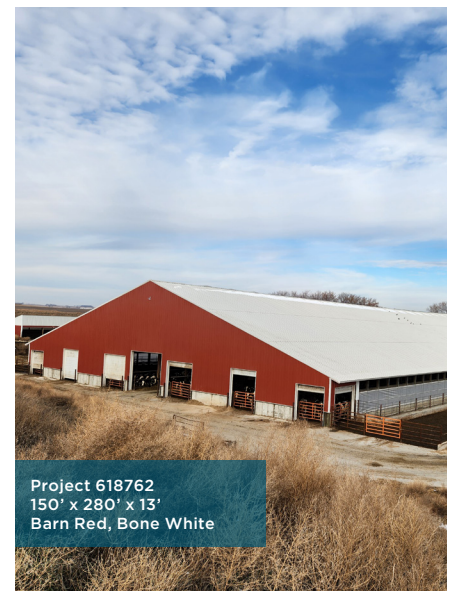
Your vision, our design team and your local construction experts collaborate to bring your dream pole barn building to life. Backed by a Lifetime Structural Warranty, expect a professional, hassle-free experience and a building that will stand the test of time.

AVAILABLE FROM THE ROCKIES TO THE EASTERN SEABOARD

Lester Buildings are available through a large network of independent, locally owned Lester Dealers, showing in light blue below. In areas that surround our regional service centers, company-employed Territory Managers oversee sales and service, shown in dark blue below. We have regional plants in Lester Prairie, Minnesota, Charleston, Illinois and Clear Brook, Virginia.



Project 622074
25' x 60' x 16'
Weathered Gray, Black



Project 618762
150' x 280' x 13'
Barn Red, Bone White



Project 622027
26' x 44' x 9'
Snow White, Black



1949: Lester Buildings



1958: Masonry Crew



1970: Arlen Dostal



1979: Truss Plant

BENEFITS OF A LESTER BUILDING

Total Building Design and Engineered to Last

- Lester provides superior structural integrity by engineering and sourcing a complete building system.
- Your local building wind and snow code requirements will be met or exceeded.
- All the components of your Lester building will be reviewed by an in-house structural engineer.
- All roof purlins, bracing, columns, wall girts, sheathing and even fasteners are engineered as a complete package to ensure maximum strength and durability.
- Lester Buildings are backed by a Lifetime Structural Design Warranty.

Single Source Supplier

- Avoid the anxiety of having multiple-component suppliers concerned only with their parts of the building.
- Trust Lester as your one-source building system supplier.
- Each Lester building is individually designed to meet your custom needs.
- Industry leadership is supported by ongoing product development, quality control and testing programs.



Snow load maps are used to determine the required building roof load in a specific region.

Below is a warranty summary of what you can expect from Lester for new buildings:

Structural Design: Lifetime
(or 50 years for businesses)

Treated Lumber: 50 years

Painted Steel: 35-40 years

Workmanship: 1 year

Roof Leaks: 5 years
(varies by local Dealer/Rep)

LIFETIME STRUCTURAL WARRANTY

Lester's warranty sets the standard. When comparing Lester's warranty to other builder's, be sure to do your homework. Warranties should be supplied for treated lumber, paint on the wall and roof steel, and the structure itself. Paint warranties vary by supplier so ask for a detailed explanation. Treated lumber warranties sometimes run as long as 50 years. A Lifetime Structural Warranty by a national manufacturer is the gold standard.

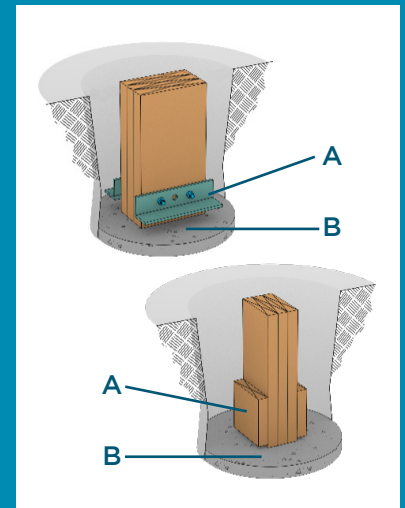
Be wary if a builder is not willing to provide a written warranty covering the building's long-term performance. Try to assess whether the builder is likely to be in business long enough to honor the warranty being offered. Ask if a roof leak warranty and a workmanship warranty are also provided. The builder should be willing to put any warranty they offer in writing for you to review prior to making any decision.

FOUNDATION SYSTEMS

Embedded Foundations

Inherently stronger and typically less expensive than systems that use non-embedded columns. Embedded columns are part of both the wall and foundation system. Below are examples of types of Lester engineered footings that support these embedded columns:

- A Column Anchors** are added to all columns to ensure the building is properly anchored in soil. Wood anchor blocks are the standard on all Lester buildings. Anchor angles, concrete collars or concrete back fill are often added if additional uplift resistance is needed.
- B Concrete Footings** are made up of pre-cast blocks, pre-cast blocks with additional pre-mixed concrete or cast-in-place concrete based on building size and load requirements.

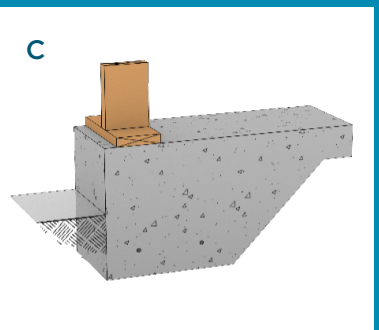
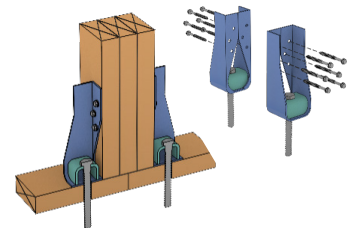


Non-Embedded Foundations

A concrete foundation system with wood columns attached above grade. Non-Embedded foundations utilize a steel bracket connecting the column to the foundation. Different variations are used depending on load and column size. Drill-in screw-type anchors are commonly used in smaller, lighter load buildings. In larger buildings that require more load, cast-in-place or adhesive anchors may be used. Below are examples of common non-embedded foundations:

- C Monolithic Slab** is the most cost-effective option for those who are planning a concrete floor in most small to average sized buildings. It is also an alternative option for those who have rocky soil or prefer not to have CCA-treated posts in the ground.
- D Frost Wall and Footing** is a process that requires two formed concrete pours. First pour is the footing at the bottom of a trench below the frost line to widen the footprint and carry heavier loads. Followed by the second pour for the formation of the foundation wall with steel reinforcement to extend from the top of the footing to grade. This type of foundation is ideal for rocky or sandy ground.

STEEL BRACKET CONNECTION



WALL SYSTEMS

A Strong Columns

Lester uses a multi-ply column, which is fabricated from standard 1.5-inch thick dimension lumber. This allows each piece of wood to be treated with 0.6 pcf CCA wood preserve, allowing the treatment to fully penetrate the column. A solid 6-inch by 6-inch post is too thick to be treated effectively, which is why solid posts frequently decay.

- Lester's 3-ply 2-inch by 6-inch columns have a bending capacity that is 60% greater than a solid 6-inch by 6-inch post.
- Columns that are embedded in the ground and/or are longer than 20-feet are "finger-jointed", an interlocking process that uses high-strength glue to create a strong bond. These finger joints are staggered in the column for optimal strength.
- Variable column spacing allows for complete design flexibility and a mechanically controlled nailing pattern assures consistency and over-all structural integrity of each column.
- Lester engineers each column for the required load within a structure. This results in multiple column types/sizes for your building, not one size for every location.

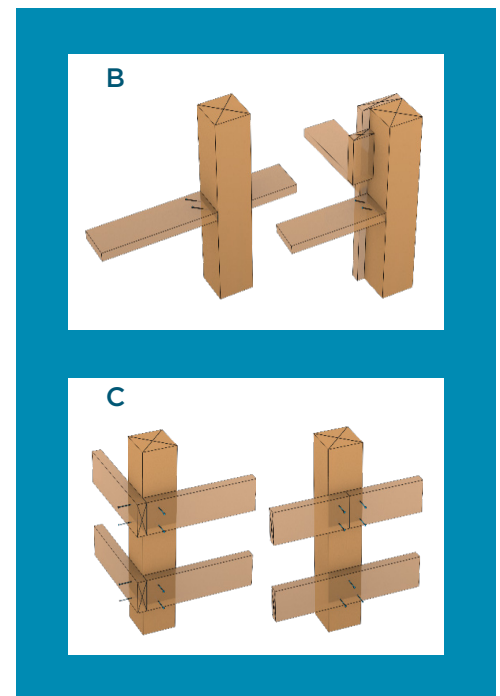
Framing Systems

Lester Buildings has always featured time-tested framing systems that are second-to-none in structural integrity. Custom to every situation, Improv®, Lester's pricing and design software, provides framing system options specific to your building.

B Flush Frame System is a method of wall framing that involves installing wall girts between the wall columns. With this system, interior and exterior steel sheathing or cladding is attached to the same piece of lumber and creates a cavity for installation of insulation.

C Continuous Girt/Bypass Girt System includes wall girts installed on the outside of the columns. This system is economical to install while providing excellent structural integrity and is typically used on cold storage applications.

D Splash Plank is the lowest girt on a wall and provides a transition from the ground to the building. It also can act as a form for concrete if a floor will be poured. It is offered in 6-inch, 8-inch, 10-inch, or tongue-and-groove and is treated with 0.14 pcf Micronized Copper Azole, which is EPA compliant.

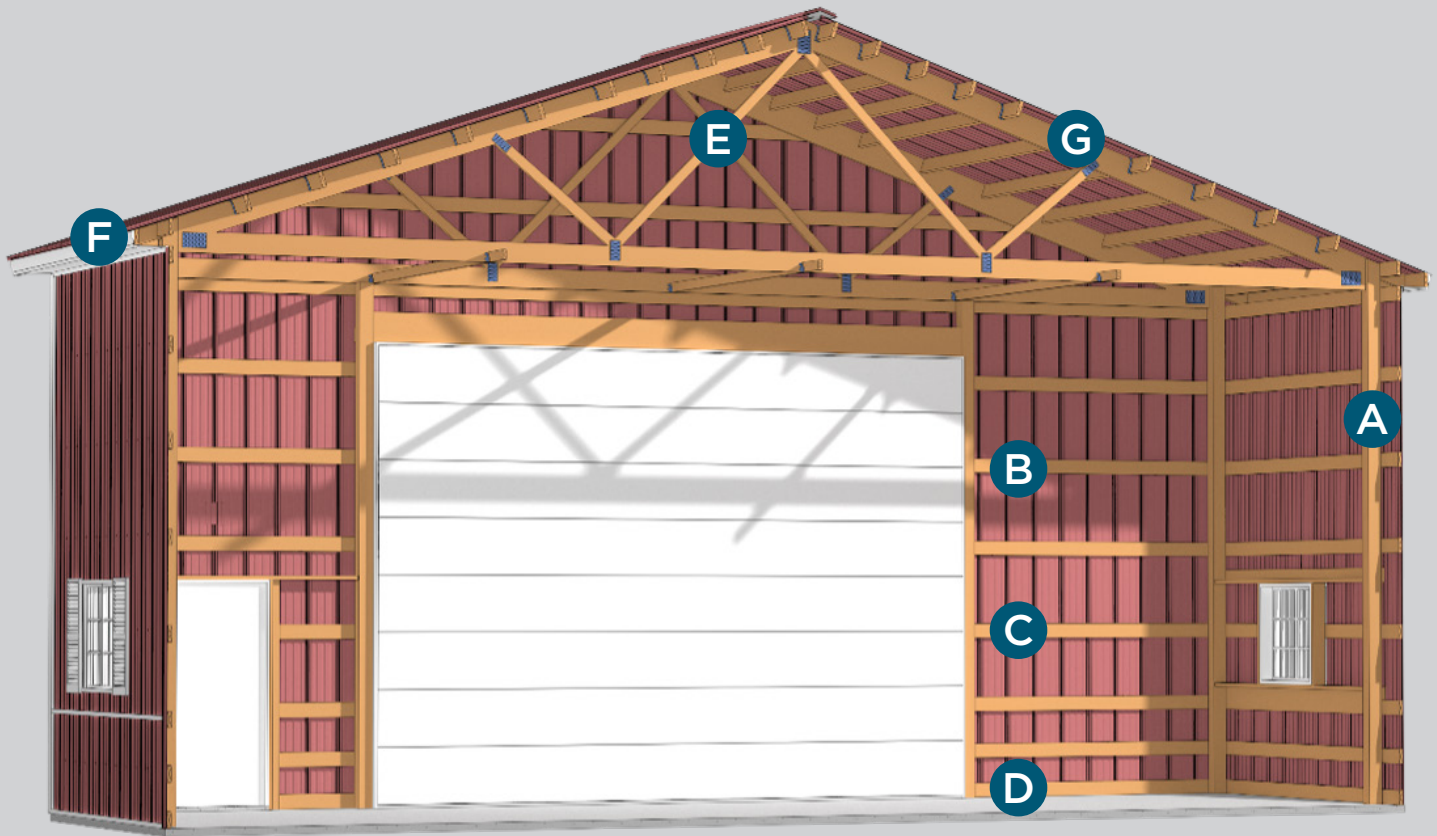


ROOF SYSTEMS

E Engineered Trusses

Trusses are engineered, prefabricated, and manufactured per order using Machine-Stress-Rated (MSR) high quality lumber, as specified by Lester engineering to meet each building's unique requirements. Using custom truss design technology, Lester has manufactured trusses up to 120-foot clear span.

- A double press process is used by Lester when manufacturing trusses unlike some other manufacturers who use just a single press process. This double pressing helps insure all truss plates are completely pressed into the lumber.
- Heavy duty G-60 truss plates are used for added strength and corrosion protection.
- To ensure ongoing quality control, Lester uses a third-party inspection agency, Truss Plate Institute (TPI), who conducts random quarterly checks on manufactured trusses.



F Interlocking Truss-to-Column Connection

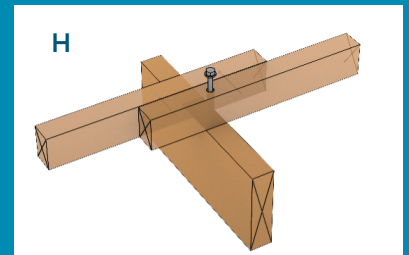
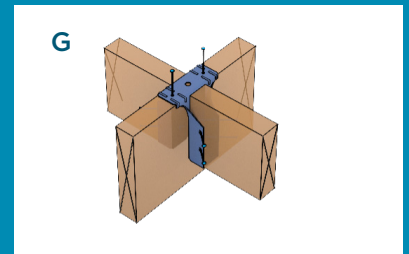
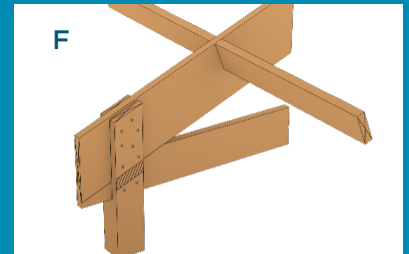
Trusses interlock in the center ply of the laminated column so the load can be transferred efficiently through the middle ply of the column down to the footings and increase uplift resistance. It also minimizes the risk of column bowing. With a side mounted truss connection, a large torque caused by a snow load for example, can be produced that could cause the column to bow or break, reducing the column's ability to carry its vertical load.

G Flush Purlin Roof System

Lester Buildings most common roof system. It is engineered to fit the specific snow and wind load requirements of each building. A steel hanger bracket, which goes over the truss, interlocks and makes the roof system a unit. The flush design improves truss bracing, increases diaphragm strength, and greatly reduces bird nesting. Purlins and bottom chord bracing locations are factory-marked on the top chords and bottom chords of trusses, along with being pre-cut to the proper length. This saves time in the field and improves accuracy.

H Over-the-Top On-Edge Purlin Roof System

Most commonly used for salt storage and highly corrosive environments to reduce the number of hangers and/or hardware connections.





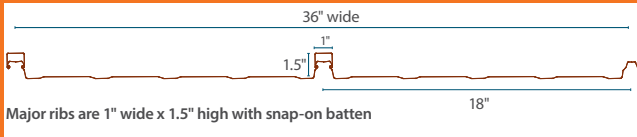
Eclipse is an exclusive, patented panel manufactured in-house by Lester. It is a concealed fastener option that can be used on the roof or walls. The attractive batten snaps over the ribs concealing the screws, creating clean bold lines. It is weathertight, sleek and has no exposed fasteners.

When used as a roof application, it combines the structural integrity of a through-fastened roof with the sleek appearance of a standing seam. All at a lower cost than standing seam roof systems.

See Eclipse brochure for more information.

U.S. Patent No. 9,127,451 B1

Canadian Patent No. 2,901,202

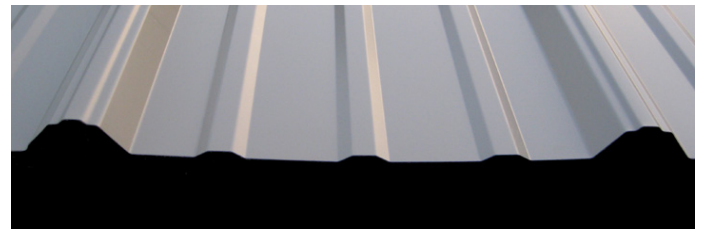


UNI-RIB® STEEL PANELS

Lester's Uni-Rib® steel panels can be used for both wall and roof applications. Manufactured by Lester Building Systems to ensure top quality panels are factory cut-to-length for accuracy and speed of construction. It is Lester buildings through-fastened steel option. Lester designed screw fasteners are used for the installation of Uni-Rib. Made from highly corrosion-resistant steel, the screws are painted and color-matched. Lester steel panel screws carry the same term warranty as the painted panels.

- DripStop may be applied to the panels to help control condensation in your building. DripStop is a barrier that is factory applied to minimize condensation inside your building.
- Lester is one of the few manufacturers that pre-cuts gable steel for efficiency and quality on 3/12, 3.25/12, 3.5/12, 3.75/12 and 4/12 roof pitches.
- Lester also supplies color-matched walk doors, windows, cupolas, etc. while many other post-frame suppliers do not offer color-matched accessories.

See Uni-Rib Steel Panel brochure for more information.

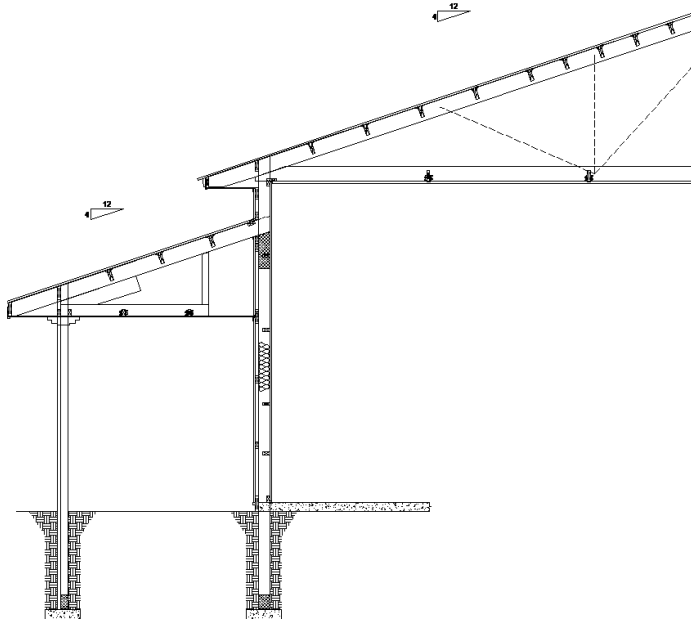


PORCHES & LEAN TO'S

Porches and Lean To's can be added to the side or end walls of a building to provide addition covered space.

Porch Framing is designed to withstand wind uplift and snow loads based on the design of the building.

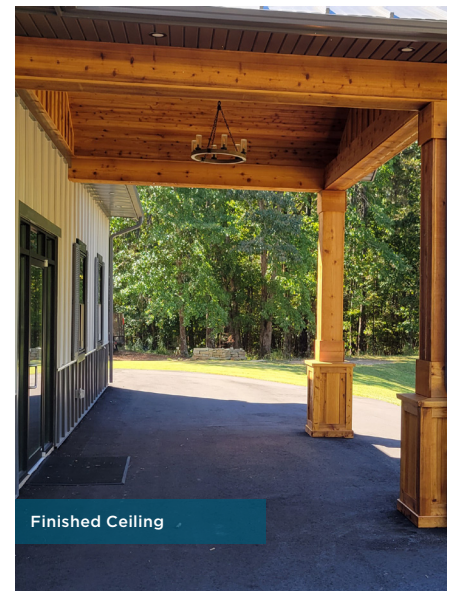
Porches can be constructed using a truss system or a rafter design based on the desired look of the space and overall size.



Y-Braces



Column Covers & Caps



Finished Ceiling

FEATURES & ACCESSORIES

Add your personal touch to your building with accessories. Lester only partners with carefully selected national suppliers of high quality building accessories. We trust our suppliers to provide product consistency, excellent customer service, and superior project management (delivery and installation). Many more accessory options are available. See your Lester builder for more information.



AN EASIER, MORE INFORMED AND CONFIDENT BUYING EXPERIENCE

MyLester Design™

Are you ready to bring your dreams to reality? MyLester Design™ is a custom 3D design program to help you bring your vision to life. By visiting LesterBuildings.com you can design your dream building and submit for a quote. By offering custom design and construction services for any building type, Lester can help you customize your building to fit your lifestyle.



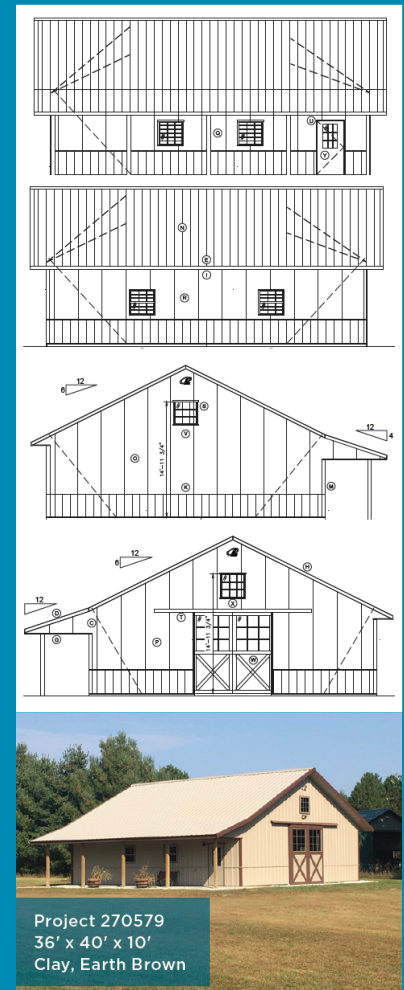
Improv®

Lester's exclusive design and pricing software program is the ultimate customer service tool in the building industry. Upon receiving your information, your Lester Dealer or Lester Sales Rep can use Improv to bring your building to life before your eyes on screen with isometric, full-building, elevation and floor plan views. Unlike any other program, Improv does it all - from designing and engineering to pricing and drawing your Lester - using the most cost efficient material configuration. No other company provides the interactive tools, with the level of detail as Improv, to inform your building buying decision.



Improv's fast and accurate drawings help you visualize and modify your building before you commit to an order.

- Design, engineering, pricing and customer drawings
- Fast, often immediate, building quotes and ability to respond to design or budget changes
- Pre-order building visualization
- Building is assured to meet Lester design standards including appropriate wind and snow load requirements





Since 1947, Lester Building Systems has been delivering our customers the pride and peace of mind that comes from owning a Lester engineered pole building.

Your vision, our design team and your local pole builder experts collaborate to bring your dream pole barn to life. Expect a professional, hassle-free experience and a building that will stand the test of time.



800-826-4439
LESTERBUILDINGS.COM

© 2024 Lester Building Systems, LLC As Lester products continually improve, we reserve the right to change product specifications without prior notice. Colors shown are representative only and are limited by printing and viewing conditions. For accurate colors, ask your rep for color samples. Some buildings pictured may feature optional components. Oil-canning (perceived waviness) is inherent in the flat areas of steel panels and is not a cause for rejection.

Rev. 1/24