



SHOP &
HOUSE
= SHOUSE

Perfect
Combinations

WITHOUT COMPROMISE

Only from EPS



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For superior comfort and energy efficiency, combine a house with a shop or storage area built using Structural Insulated Panels (SIPs). Or, combine a SIP-built home with a post-frame shop storage area. The flexibility of EPS building packages means it's easy to build for your unique lifestyle.

Regardless of the combination you select, your home and shop package will be engineered to fit together in one complete building package.

- Complete flexibility
- Dual-purpose construction
- Superior energy-efficiency
- Large vaults and clear spans
- 100% Engineered Package



Why Compromise?

Only an EPS Shouse
Provides:

1. Unmatched Performance and Value

Other building types cannot match the custom design, durability and energy performance of an EPS Shouse!

2. Flexible Custom Shouse Designs

Don't settle for cookie cutter designs! Work with our on-staff design expert to custom design a shouse that fits your needs. From floor plan concepts to elevation details, we can assist in getting it just right!



The EPS Difference



3. Superior Energy Efficiency

Using our Structural Insulated Panels to achieve unmatched, guaranteed energy performance for both elements of your project.

4. Projected Energy Performance

EPS and your authorized EPS Dealer can provide a Home Energy Rating (H.E.R.S.) test. This testing is done by an independent third-party to assure that your home is built to the highest energy performance standards.

Performance of EPS homes have tested as much as two-times better than conventional construction.



SIP Walls Lock Out Air, Moisture, Noise and Pests

EPS SIP Wall

An EPS SIP wall locks out air, moisture and pests because there is simply no where to enter.



POST-FRAME WALL

Even with added insulation, a post-frame wall does not seal out exterior air, moisture or pests.



5. Complete, Engineered Shouse Package

Your EPS Shouse is engineered to withstand the elements. All EPS shouse packages are engineered so the building components go together to assure strength and durability.

6. Improved Pest Control

Using our superior Solid Core SIPs (Structural Insulated Panel System) means you drastically reduce areas and cavities for pests to compromise.

7. Clear Spans Provide No limitations

An EPS Shouse provides a flexible, clear span design to maximize living and work space.



The SIPs Advantage



Structural insulated panels are high-performance building panels used in exterior walls, roofs and floors. The panels are made by sandwiching a core of rigid foam insulation between two skins of wood structural panels, typically oriented strand board (OSB).

Depending on the size and needs of the structure, the thickness of the foam is adjusted to increase R-value and strength. In addition, the thickness of the OSB or plywood is also adjusted for larger clear spans to meet engineering requirements.

A major advantage of our panel system over stick-built structures is that the EPS panels can be manufactured up to 32 feet.



Multiple finish options

The 3/4" OSB provides a 15-minute thermal barrier, sound control, and strength for superior performance. EPS offers several main types of finishes: laminated glass board, fiber-reinforced plastic (FRP), liner steel or embossed aluminum can be used for durability and power washing and USDA finishes.

Ceiling options include: R-33 pop-up panels with interior glass board or embossed aluminum finish; corrugated steel panels with blown in insulation or drywall with blown-in insulation.



SIPs Save Energy

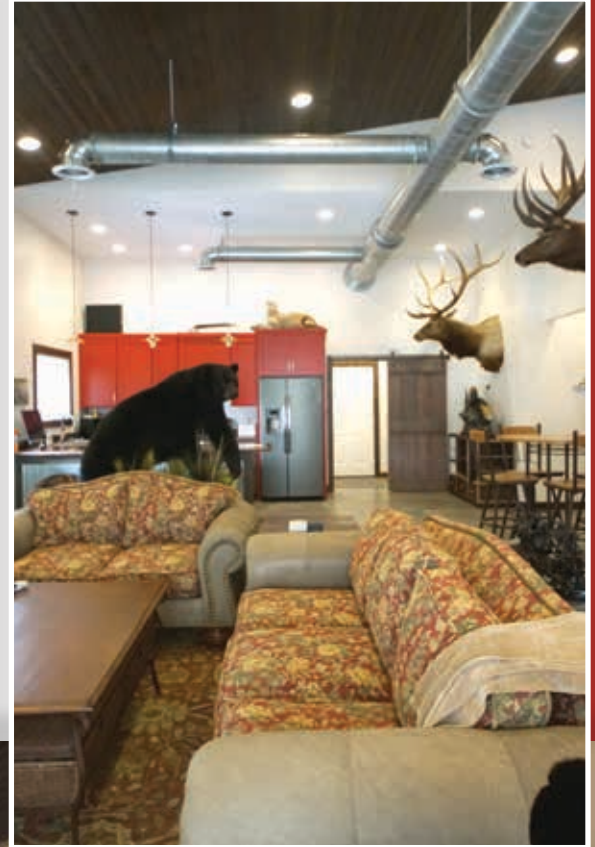
The insulating core of a structural insulated panel provides high-density continuous insulation. SIPs are up to 15-times more air-tight and when combined with other energy efficient technology are 50% more energy efficient than standard building methods.

SIPs Save the Environment

SIPs are both energy efficient and an efficient use of resources, making them an ideal choice for a high-performance green building.

SIPs Save Time and Labor

SIPs are ready to install when they arrive at the job site, eliminating the need to perform the individual operations of framing, sheathing, and insulating stick-framed walls. Window, door, and other rough openings are already in the panels. Horizontal and vertical wire chases are in the foam making the electricians work much easier. This saves a significant amount of on-site labor.

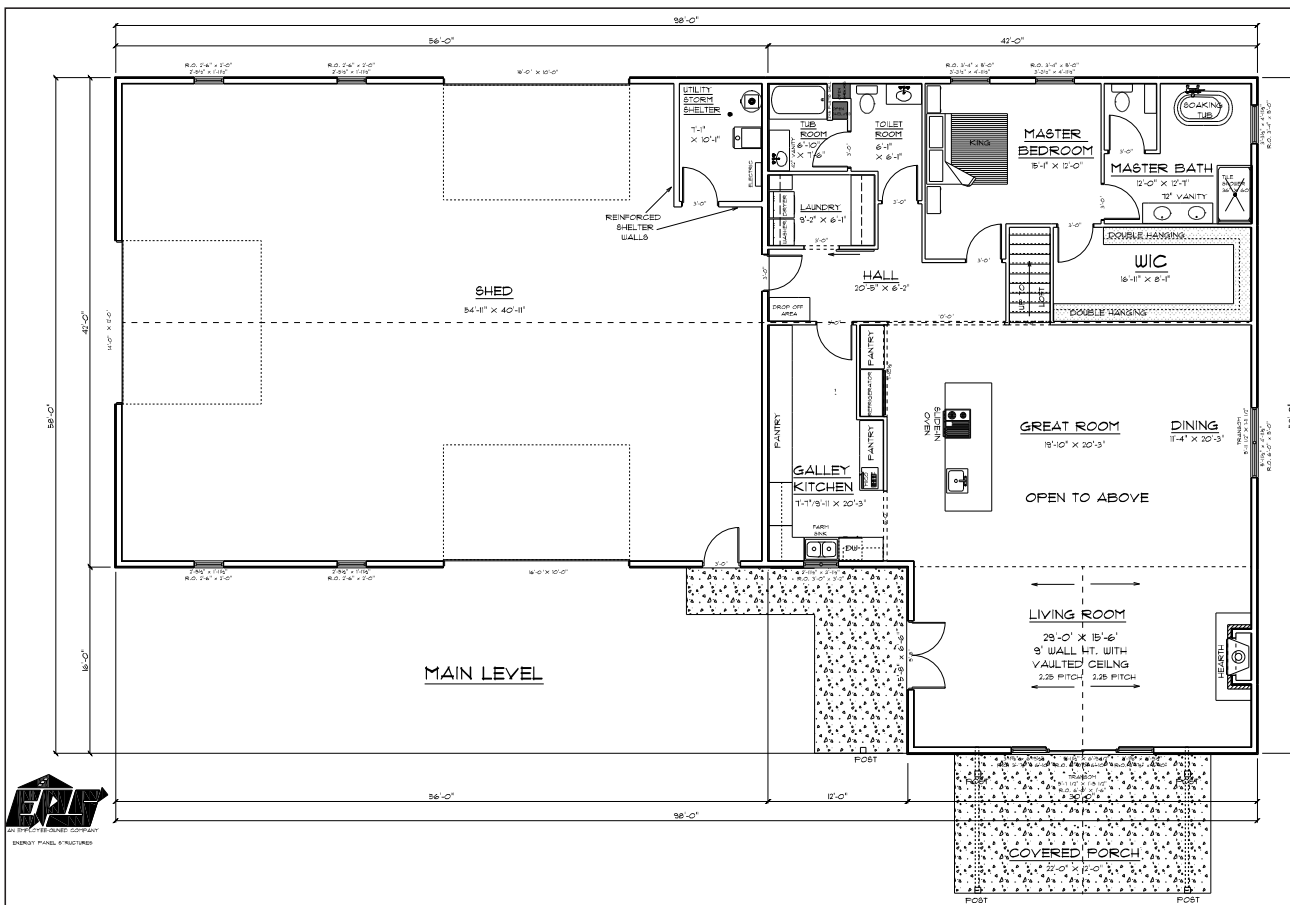


Better By Design



We make it easy to visualize your new shop/house combination.

- Enjoy peace-of-mind with a professional design of your project. Designs are reviewed by our engineering professionals to make sure your building is not only beautiful, but practical while meeting the structural codes for your specific location.
- Our designers understand the construction process and will translate your needs, budget, lifestyle and building use while developing your vision on paper.
- Having a well thought-out and detailed floor plan will assist with accurate construction financing and planning.



Visit with one of our authorized dealers to get started. You will get a detailed floor plan and exterior elevations. You can make adjustments and changes until you get everything you have been dreaming of.



Designed for Your Style

Full-time or part-time, serious living or just for relaxing, your shouse can be designed to fit just what you want!



Post-Frame Options



- Embedded post foundations can be more easily installed during winter construction than pouring concrete foundations.
- There is great design flexibility when using post-frame construction including long span trusses for large open areas and wide post spacing for large wall openings.
- State-of-the-art engineering is built into our post-frame construction providing dependable guaranteed performance.
- Our post-frame construction uses nail-laminated columns that are placed in direct contact with the ground or on top of concrete. These laminated columns are pressure treated with preservatives approved by the Environmental Protection Agency to increase their longevity. EPS columns carry a 50-year warranty and are custom engineered and manufactured for the project.
- Added energy efficiency in post-frame can be achieved by using SIPs between the columns in lieu of fiberglass or other types of insulation.



High-Performance

With people spending 90% of their time indoors, buildings should create a safe environment for occupants, free from mold, volatile organic compounds (VOCs) or other harmful airborne pollutants.

A home built with EPS structural insulated panels (SIPs) allows for better control over the indoor air quality because the airtight building envelope limits incoming air to controlled ventilation. Controlled ventilation filters out contaminants and allergens and also allows for incoming air to be dehumidified, reducing the possibility of mold growth.

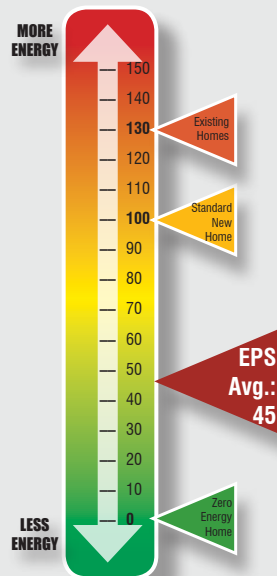


Home Energy Rating System (HERS)

This is the industry standard by which a home's energy efficiency is measured.

Third-party raters conduct inspections to verify a home's energy performance at key intervals during home construction. The HERS Index Score can tell the home owner how efficiently the home will operate so modifications can be made for greater energy savings.

The lower the HERS Index, the more energy efficient a home is, meaning lower energy costs for the home owner. A low HERS Index adds long-term value and comfort to a home.





Because of our commitment to cost-effective pre-engineered building systems, EPS is known for a diverse market of products from agricultural, commercial, residential and industrial building systems.

With an independent dealer network of over 400 building professionals, EPS serves customers from the Rocky Mountains to the East Coast. EPS will completely engineer and manufacture your building to your specific needs.



Energy Panel Structures
603 N. Van Gordon Ave., Graettinger, IA 51342

ADDITIONAL MANUFACTURING PLANTS
Perryville, MO Clyde, NY

Phone: 712-859-3219



100% Employee Owned—100% Committed to Quality

INDEPENDENT AUTHORIZED BUILDER:

