



Structural Insulated Panel Association

PO Box 39848 | Fort Lauderdale, FL 33339 | +1.253.858.7472 | info@sips.org / www.sips.org

FOR IMMEDIATE RELEASE
March 5, 2017
551-208-8302

Contact: Jack Armstrong
jack@sips.org

Announcing the 2017 SIPA Building Excellence Award Winners

March 7, 2017, Ft. Lauderdale, FL: The 15th Annual Structural Insulated Panel Association (SIPA) Building Excellence Awards were announced Tuesday, Feb 21, during the association's 2016 Annual Meeting & Conference in Lost Pines, Texas. Judges scored the projects on four criteria including how the use of structural insulated panels (SIPs) resulted in quantifiable energy efficiency; design and structural engineering innovation; creative use of SIP construction; and overall environmental sustainability.

The 2017 Building Excellence Awards recipients are:

Overall Competition Winner and 1st Place Single Family Homes above 3,000 sq. ft. Winner: Parfitt Residence by [Premier SIPs/CVH Builder & Zero-Energy Plans](#)

The SIPs walls and roof make this home energy efficient by adding continuous ground-to-roof insulation while eliminating the thermal bridging and air infiltration associated with stick-framed construction. Due to SIPs, the building team was able to install and dry in the entire roof in just one day. The project is in Anacortes, WA and achieved a Home Energy Rating Score (HERS) of -19 with an impressive air leakage rate of only 0.82 air changes/hour (ACH).



Overall Competition Runner-up and 1st Place Single Family Homes below 3,000 sq. ft. Winner: Justin Residence by [Extreme Panel Technologies/Stinson Builders](#)

SIPs provided a unique solution for this home designed without ridge beams. In fact, per the builder, only SIPs could deliver the combined structural and energy performance required to meet the project's net-zero energy goals. This home is in Mendota Heights, MN and achieved a HERS of 23 with an air leakage rate of only 0.91 ACH.



1st Place Commercial/Industrial above 10,000 sq. ft.: Al's Pheasant Ranch & Lodge by [Enercept](#)

This 20-room lodge featuring post and beam construction and vaulted ceilings is a perfect display of how SIPs support design flexibility for timber framed construction. The SIP walls and roof not only made building faster and easier, but it also limits the exposure of the timbers to the weather. The project is in Emery, SD.





Structural Insulated Panel Association

PO Box 39848 | Fort Lauderdale, FL 33339 | +1.253.858.7472 | info@sips.org / www.sips.org

1st Place Commercial/Industrial below 10,000 sq. ft.: Ideation Design Group by [Enercept](#)

Using SIPs reduced construction time of this 42- person design studio. The exterior walls were framed, sheathed and insulated in four days with only four men. The project is in Phoenix, AZ.



1st Place Agriculture: West River Vet Clinic by [Enercept](#)

SIPs fast-track installation means that crews can complete the interiors of this energy-tight veterinary clinic during the winter months with only two temporary heaters! The project is in Hettinger, ND.



1st Place Affordable Housing: Modernista House, [Innova Eco Building System/Capital Group Developments](#)

With dramatic 12 ft ceilings, this energy-efficient home exemplifies energy-efficient modern design made possible with SIPs. Miami-Dade County approved magnesium oxide skinned SIPs provided a unique advantage to this job due to its 180-mph hurricane resistance rating. The project is in Pompano Beach, FL and achieved a HERS of 68 with an air leakage rate of 2.8 ACH.



1st Place Renovation: Peace Church, [Energy Panel Structures](#)

Using 10 inch thick SIPs to renovate a church roof with vaulted ceilings increased energy efficiency, the construction speed while preserving the buildings ecclesiastical design- all at a cost less than conventional framing with spray foam. Additionally, the construction crew reported that Jumbo SIPs panels further increased efficiencies, speed while reducing labor. The project is in Rochester, MN.



This year's panel of judges included Shilpa Sankaran, Executive Director of the [Net-Zero Energy Coalition](#); Chris Fennell, President at [BuildingInsight, LLC](#); and Archie Landreman, Regional Director North Central at [WoodWorks](#).

To learn more about these projects, the runners up and SIPs, please visit www.sips.org.

About SIPA

The Structural Insulated Panel Association (SIPA) is a non-profit association dedicated to increasing the use and acceptance of structural insulated panels (SIPs) in green, high-performance building by providing an industry forum for promotion, communication, education, quality assurance, and technical and marketing research. SIPs are a high performance, panelized building system that offers superior thermal performance, airtightness, and durability for



Structural Insulated Panel Association

PO Box 39848 | Fort Lauderdale, FL 33339 | +1.253.858.7472 | info@sips.org / www.sips.org

energy-efficient homes and commercial buildings. Builders and design professionals seeking to reduce energy use and minimize the carbon footprint of their buildings utilize SIPs as a cost-effective solution for exterior wall and roof systems that also cut down on framing time, lessen construction waste and ensure greater job site quality control through prefabrication. SIPs are an enabling technology to meet to the Architecture 2030 Challenge for net-zero carbon neutral buildings today. Learn more at www.sips.org.