

PARTICIPANT INFORMATION

Company Name: Energy Panel Structures
 Contact Name: Chris Spaeth
 Address: P.O. Box 238
 City: Graettinger
 State: IA Zip: 51342
 Phone: (800) 967-2130
 Email: CSpaeth@epsbuildings.com
 Website: www.epsbuildings.com

BUILT BY (if different than applicant)

Company Name: Mike Meyer Construction
 Contact Name: Mike Meyer
 Address: 1781 Viking Ave
 City: Sumner
 State: IA Zip: 50674

PANELS MANUFACTURED BY (members only)

Company Name: Energy Panel Structures

DESIGNED BY (if different than applicant - SIPA will only recognize members)

Company Name: Energy Panel Structures
 Contact Name: Chris Spaeth
 Address: P.O. Box 238
 City: Graettinger
 State: IA Zip: 51342

CATEGORY ENTRY (check one category)

- Single Family Homes (over 3,000 sq. ft.)
 Single Family Homes (under 3,000 sq. ft.)
 Multifamily
 Agricultural
 Institutional / Industrial / Commercial
 Renovations
 Affordable Housing

PROJECT INFORMATION

Project Name: Todd & Heather Bradley Residence
 Address: 17472 20th St
 City: Oelwein
 State: IA Zip: 50662
 Date completed: 5/2011
 Total cost of project (exclusive of land): \$475,000
 Dimensions of building (all floors of multi-story building):
 Financing price/purchase price (Affordable Housing only):

Please answer each question with as much detail as possible.
 Attach additional pages if necessary.

Describe the end use of the building:

Residential

How did SIP construction help you get this job?

The customer used SIP's because of the energy efficiency.

Please answer each question with as much detail as possible to help in the judging process

SIP wall thickness and core material: 6 1/2" with 5 5/8" EPS core

SIP roof thickness and core material: NA

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

SIP's reduced the labor on the job and the energy cost savings were the deciding factor in getting the job.

Describe any innovative design elements or structural engineering involved:

9' tall panels on the 1st floor. Two fireplaces, cultured stone on the exterior, cement board siding.

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, or local green building programs. Only list certifications that are completed:

Energy Star

HERS Index (residential projects): 43

Blower door test results (ACH50) (residential projects): 1.37 ACH50 or 140 CFM50

Describe the HVAC system used on the project: Geothermal electric ground source heat pump

Please list any energy-efficient products or design features other than SIPs:

Geothermal HVAC system, spray foam insulation on the interior of the basement walls.

Please list any sustainable materials or design features, such as recycled materials, low-VOC finishes, landscaping, etc.:

Any additional comments on the project: The customer is very satisfied with all aspects of their new home. In particular the energy performance and the soundproofing qualities of the SIP's

CHECKLIST

- My company is a SIPA member. Panels for this project were manufactured by a SIPA member.
I have answered ALL the questions completely
I have enclosed the two required electronic images of the completed project meeting the requirements stated in the SIPA Building Excellence Awards guidelines
I have indicated the HERS Index as determined by a RESNET certified home energy rater (residential projects)

PLEASE CONFIRM: I have read and understand the rules for this competition. This entry is structural insulated panel construction as defined in the SIPA Building Excellence Awards guidelines. I understand by making this submission that my pictures will be used by the Structural Insulated Panel Association (SIPA) to promote the use of structural insulated panels. I hereby give permission to SIPA to use the enclosed pictures for any use they see fit in that endeavor. I understand that where possible, SIPA will give credit for pictures used to my company as listed above.

Signature: [Handwritten Signature]

Date: 3/21/12

Entries that do not contain all required materials or are received after March 15, 2012 will not be considered

Complete and return to the SIPA office: P.O. Box 1699 Gig Harbor, WA 98335
For FedEx or UPS Deliveries ONLY: 6659 Kimball Drive NW, D-404 Gig Harbor, WA 98335
253.858.7477