

**PARTICIPANT INFORMATION**

Company Name: Energy Panel Structures  
Contact Name: Chris Spaeth  
Address: 603 N. Van Gordon Ave  
City: Graettinger State: IA Zip: 51342  
Phone: (712) 859-3219  
Email: Cspaeth@epsbuildings.com Website: www.epsbuildings.com

**CATEGORY ENTRY** (check one category)

- |  |   |
|--|---|
| <input type="checkbox"/> Single Family Homes (over 3,000 sq. ft.)            | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input checked="" type="checkbox"/> Single Family Homes (under 3,000 sq ft.) | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.  |
| <input type="checkbox"/> Multifamily   | <input type="checkbox"/> Renovations  |
| <input type="checkbox"/> Agricultural  | <input type="checkbox"/> Affordable Housing   |

**PROJECT INFORMATION**

Project Name: Perry Residence  
Address: \_\_\_\_\_  
City: Sidney State: NE Zip: 69162  
Date completed: Dec. 2012  
Total cost of project (exclusive of land): \$ 410,000  
Dimensions of building (all floors of multi-story building): 36 x 72  
\_\_\_\_\_  
\_\_\_\_\_  
Asking price/purchase price (Affordable Housing only): \_\_\_\_\_  
\_\_\_\_\_  
Total sq. ft. of conditioned space: 2,572  
\_\_\_\_\_

**BUILT BY** (if different than applicant)

Company Name: Leaf Construction  
Contact Name: Joel Nienhueser Phone: (308) 249-5835  
Address: 804 15th  
City: Sidney State: NE Zip: 69162

**PANELS MANUFACTURED BY** (members only)

Company Name: Energy Panel Structures

**Continued**

## Application (Page 2 of 4)

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

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

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

**Attach additional sheets if necessary.**

Describe the end use of the building: \_\_\_\_\_

Single family residence

How did SIP construction help you get this job?

Value added properties of SIPs  
Indoor Air Quality  
Energy Efficiency  
Air Sealing (Tightness)

SIP wall thickness and core material: \_\_\_\_\_

6 1/2" EPS

SIP roof thickness and core material: \_\_\_\_\_

Truss (energy heel - 12") R-42

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

Leaf Construction believes they save 15-20% on every job in man hours by using SIPs

Describe any innovative design elements or structural engineering involved: \_\_\_\_\_

## Application (Page 3 of 4)

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:

HERS Index (residential projects):

42

Blower door test results (ACH50) (residential projects):

N/A

Energy use intensity in kBtu/ft<sup>2</sup> (commercial projects):

Describe the HVAC system used on the project:

Geothermal

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the R-value of any insulation materials.

ICF Foundation

Energy Panel Structures "panels past detail"

EPS used under concrete floors

12" energy heel trusses

Rigid EPS over exterior walls, between trusses

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar:

Energy Star appliances + light fixtures

Marathon water heater

Were any solar panels installed on the project? If so, indicate the size of the system:

No

## Application (Page 4 of 4)

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc.:

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Any additional comments on the project:

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### 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:

*Chris Smith*

Date:

*3/1/13*

Entries that do not contain all required materials or are received after **March 12, 2013** will not be considered

Complete application and submit electronically to [info@schwindcommunications.com](mailto:info@schwindcommunications.com)  
Or send hard copy applications to 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  
253.858.7472



**Structural Insulated  
Panel Association**

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