

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: ENERGY PANEL STRUCTURES, INC.  
Contact Name: KEVIN ZADOW  
Address: 603 N. VAN GORDON AVE.  
City: GRAETTINGER State: IA Zip: 51342  
Phone: 712-859-3219  
Email: kzadow@epsbuildings.com Website: www.epsbuildings.com

## CATEGORY ENTRY (check one category)

- |  |  |
|--|--|
| <input type="checkbox"/> Single Family Homes (over 3,000 sq. ft.)  | <input checked="" type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input 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: SCHULTES FAMILY LODGE  
Address: 30498 150TH  
City: GLIDDEN State: IA Zip: \_\_\_\_\_  
Date completed: 2016  
Total cost of project (exclusive of land): \$365,000  
Dimensions of building (all floors of multi-story building):  
2912  
52x56 - GROUND LEVEL 896 560 608 2064  
(16x56) (20x28) (16x38) LOFT AREA

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

4976 SQ. FT.

## BUILT BY (if different than applicant)

Company Name: MIKE SCHULTES CONSTRUCTION  
Contact Name: MIKE SCHULTES Phone: 712-792-5780  
Address: 1412 AMY AVE.  
City: CHAROLL State: IA Zip: 51401

## PANELS MANUFACTURED BY (members only)

Company Name: ENERGY PANEL STRUCTURES, INC.

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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: WEEKEND & EVENT LODGE LOCATED ON 1700 ACRES OF ROLLING IOWA LANDSCAPE WITH WOODED AND GRASS AREAS IDEAL FOR HUNTING. DEER AND PHEASANTS AND OBSERVING IOWA WILDLIFE.

How did SIP construction help you get this job? ENERGY EFFICIENCY AND BEST USE OF SIPs TO ATTAIN THE FULL VAULTED INTERIOR.

SIP wall thickness and core material:

6 1/2" - R-20 7/16" OSB / 5 3/8" EPS / 7/16" OSB

SIP roof thickness and core material:

10 1/4" - R-40 7/16" OSB / 9 3/8" EPS / 7/16" OSB

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

TIGHT, ENERGY EFFICIENT BUILDING ENVELOPE,

FULL VAULT CEILING

FULL CAVITY FILL INSULATION NOT ALLOWING ANY PLACE FOR MOLD, MILDEW, RODENTS, ETC....

Describe any innovative design elements or structural engineering involved:

LARGE OPEN SPAN UTILIZING GLULAMS & I-JOISTS

INTERIOR FINISHED WITH KNOTTY PINE WP-4

CEILING FINISHED WITH A COOPER COLORED STEEL

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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:

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HERS Index (residential projects):

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

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

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Describe the HVAC system used on the project:

GEOTHERMAL IN FLOOR HEAT  
GEOTHERMAL FORCED AIR HEAT & AC

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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.

WINDOWS:  $U = .30$

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

LED LIGHTING  
HOT WATER PROVIDED BY GEOTHERMAL SYSTEM

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

NA

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Continued



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

LOW-VOC PAINT & STAINS

NATIVE GRASS & PLANTS USED IN LANDSCAPING

Any additional comments on the project: THE LODGE IS USED BY FAMILY & FRIENDS  
ALMOST EVERY WEEKEND AND HOLIDAYS THROUGHOUT THE YEAR

THE LARGEST MONTHLY ELECTRIC BILL FOR THE GEOTHERMAL HEAT/AC SYSTEM  
HAS BEEN \$85.00

THE LODGE HAS BEEN A LABOR OF LOVE COMPLETED OVER A COUPLE OF YEARS TIME.

### 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:

*Kurt E. Zedler*

Date:

1-23-17

Entries that do not contain all required materials or are received after  
January 16, 2017 will not be considered

Complete application and submit electronically to [info@sips.org](mailto:info@sips.org)

Or send hard copy applications to SIPA office: P.O. Box 39848,  
Ft. Lauderdale, FL 33339

### BUILDING EXCELLENCE AWARD SPONSOR



Structural Insulated  
Panel Association