

SIPA Building Excellence Application (Page 1 of 4)

PARTICIPANT INFORMATION

Company Name: Energy Panel Structures, Inc.
Contact Name: Liz Pilo
Address: 603 N. Van Gordon Ave
City: Graettinger State: IA Zip: 51342
Phone: 800-967-2130
Email: LPilo@epsbuildings.com Website: 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 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 checked="" type="checkbox"/> Agricultural | <input type="checkbox"/> Affordable Housing |

PROJECT INFORMATION

Project Name: Plattner Farms
Address: 11967 N. Saline Hwy 65
City: Grand Pass State: MO Zip: 65339
Date completed: 9/25/14
Total cost of project (exclusive of land): \$500,000
Dimensions of building (all floors of multi-story building): 80x200x18 w/ 40x20x18 2-story office

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 9600 S.F.

BUILT BY (if different than applicant)

Company Name: B3 Building Solutions
Contact Name: Steve Boland Phone: (660) 909-9086
Address: 19245 Boland Rd
City: Waverly State: MO Zip: 64096

PANELS MANUFACTURED BY (members only)

Company Name: EPS

Continued

SIPA Building Excellence Application (Page 2 of 4)

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

Company Name: B3/EPS/Plattner

Contact Name: Steve Boland

Phone: 660-909-9086

Address: 19245 Boland Rd

City: Waverly

State: MO

Zip: 64096

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:

Farm Shop, tractor storage, and offices

How did SIP construction help you get this job?

Wanted an energy efficient durable building that was engineered.

SIP wall thickness and core material: 8 7/8" thick. 3/4" OSB interior/exterior skins w/ 7 3/8" EPS foam

SIP roof thickness and core material: Wood trusses

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

SIPs saved time, was super insulated (R-33), and had a nice OSB finish that was painted white after construction

Describe any innovative design elements or structural engineering involved:

Combined SIPs for conditioned spaces w/ post-frame construction for cold storage

SIPA Building Excellence 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):

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

Energy use intensity in kBtu/ft² (commercial projects):

Describe the HVAC system used on the project:

mini-splits for A/C in the office
radiant floor heat (propane) for all conditioned space

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.

Silverline vinyl windows 2200 Series ≤ 0.32 U-Value
R-40 blown-in cellulose in the attic

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

propane radiant floor heat
high-efficiency lighting w/ on/off motion sensors

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

no

Continued

SIPA Building Excellence 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.:

Any additional comments on the project:

This project received 3rd Place For Agriculture Buildings in the NFBA
(National Frame Builders Association) awards in February 2015.
48x17 hydraulic door by HP on Farm shop

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:

Elizabeth Brown

Date:

3/15/15

Entries that do not contain all required materials or are received after March 13, 2015 will not be considered

Complete application and submit electronically to maryjane@sips.org

Or send hard copy applications to SIPA office:
1201 Pacific Ave, Suite 600, Tacoma, WA 98402

Building Excellence Award sponsor

 **BASF**
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Structural Insulated
Panel Association

