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PARTICIPANT INFORMATION

Company Name: Energy Panel Structures
Contact Name: Chris Spaeth
Address: P.O. Box 238
City: Graettinger State: Iowa Zip: 51342
Phone: (800) 967-2130
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 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: Jim Sladek JCS Farms
Address: 4608 Taft Ave SE
City: Iowa City State: IA Zip: 52240
Date completed: January 2012
Total cost of project (exclusive of land): \$ 600,000
Dimensions of building (all floors of multi-story building):
80' x 120' x 19'11" + 160' x 52' x 9'11"
Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 12,720 sq. ft.

BUILT BY (if different than applicant)

Company Name: Custom Builders
Contact Name: Rick Wagner Phone: (563) 357-3021
Address: 209 W South St
City: Tipton State: Iowa Zip: 52772

PANELS MANUFACTURED BY (members only)

Company Name: Energy Panel Structures

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

Company Name: Energy Panel Structures

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: The building serves as an office and maintenance facility for a grain and livestock farm.

How did SIP construction help you get this job? The customer was impressed with the energy efficiency and durability of SIPs and also with the FRP laminated to the panels felt that maintenance and clean up time would be reduced.

SIP wall thickness and core material: 8" EPS Foam

SIP roof thickness and core material: _____

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

On this project SIPs saved a lot of labor. The panels have FRP laminated to them. Having the finish laminated at the factory left only minimal interior finish work on site. The customer was also concerned with energy costs SIPs provide lower operating costs for the life of the building.

Describe any innovative design elements or structural engineering involved: The building has a large 50'x20' hydraulic door insulated with closed cell spray foam insulation.

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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:

N/A

HERS Index (residential projects):

N/A

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

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

Describe the HVAC system used on the project: Geothermal heating and cooling with in floor heat in the shop area.

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.

R-40 blown fiberglass attic insulation
closed cell spray foam in the hydraulic door
geothermal heating and cooling
U-Value of windows used is 0.6

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

Energy efficient fluorescent lighting

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

N/A

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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:

The customer is very satisfied with the building. SIPs allowed them to accomplish all of the goals they had when they began to think about the design of their new building.

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:



Date:

3/8/13

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

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