

SIPA Building Excellence Application (Page 1 of 4)



PARTICIPANT INFORMATION

Company Name: Energy Panel Structures

Contact Name: Chris Spaeth

Address: 603 North Van Gordon Ave.

City: Graettinger

+ State: Iowa

+ Zip: 51342

Phone: 800-967-2130

Email: cspaeth@epsbuildings.com

Website: www.epsbuildings.com

CATEGORY ENTRY (check one category)

☐ Single Family 'Small House' under 900 sq. ft.

☐ Single Family Homes over 3,000 sq. ft.

☐ Single Family Homes under 3,000 sq. ft.

☐ Multifamily

☐ Agricultural

☐ Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.

☒ Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.

☐ Renovations

☐ Affordable Housing

☐ High Performance (multiple category entry permitted)

PROJECT INFORMATION

Project Name: 10 th Hole Bar & Grill

Address: 402 E Main St

City: Riceville

State: Iowa

+ Zip: 50466

Date completed: 4/1/18

Total cost of project (exclusive of land): 1.4 million

Dimensions of building (all floors of multi-story building):

60x80 restaurant with a full basement, 50x100 hotel with a loft and a partial 2nd story.

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

19,100

BUILT BY (if different than applicant)

Company Name: Lohuis Construction

Contact Name: Jim Lohuis

Phone: 507-951-0528

Address: 3071 485th St.

City: McIntire

+ State: Iowa

+ Zip: 50455

PANELS MANUFACTURED BY (SIPA members only)

Company Name: Energy Panel Structures

Continued

SIPA Building Excellence Application (Page 2 of 4)



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

Company Name: _____

Contact Name: _____

Phone: _____

Address: 603 North Van Gordon Ave. _____

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:

It is a combination golf course clubhouse, restaurant, and hotel.

How did SIP construction help you get this job?

Energy efficiency was a big factor. The owner wanted to do as much as was feasible up front to help keep the operational costs as low as possible. SIP construction also offered time savings that were important in meeting completion deadlines.

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

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?

SIP construction reduced the labor costs and helped to keep the project on schedule. 18' tall panels were used in framing the hotel lobby which was a significant labor savings in that area. Energy cost savings were realized both during construction and in the operation of the facility.

Describe any innovative design elements or structural engineering involved:

The floor trusses were designed to hide the structural steel beams that carry the load from the restaurant floor. Floor trusses were also designed to allow for a sloped floor mud bed in the kitchen to install floor drains for easy clean up. Floor trusses were also designed to provide a zero entry to the walk in cooler.

Continued

SIPA Building Excellence Application (Page 3 of 4)



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

HERS Index *(required only for High Performance Category and recommended for residential projects):*

Blower door test results (ACH50) *(required only for High Performance Category and recommended for residential projects):*

Energy use intensity in kBtu/ft² *(required only for High Performance Category and recommended for commercial projects):*

Describe the HVAC system used on the project:

Hotel side is a PTAC unit, the restaurant is forced air heating and cooling.

Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. *(judged only for High Performance Category)*

The basement walls were ICF. 2" foam was installed under all of the concrete, Energy efficient windows with low e and argon. R-60 cellulose attic insulation. Windows are .28 U-Value.

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar *(judged only for High Performance Category):*

All lighting was LED.

Were any solar panels installed on the project? If so, indicate the size of the system *(judged only for High Performance Category):*

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. (judged only for High Performance Category):

Any additional comments on the project:

The project was unique in that it was funded by a partnership between the city and a private investment group. The community did not have a restaurant or a hotel and the clubhouse at the city owned golf course was in disrepair. The city provided the land and removed the existing building. The investors constructed the new facility and provide some labor and management for the golf course. The hotel provides 10 guest rooms which have been a great addition to the community. Prior to construction it was a 25 mile drive for a hotel room. The community also has a new restaurant, and the lower level is available for wedding receptions, graduation parties etc. Golfers have a new clubhouse to enjoy.

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

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 Spaeth by Yamin Yunesaw Date: 1/8/19

Entries that do not contain all required materials or are received after **January 11, 2019** will not be considered

Complete application and submit electronically to info@sips.org

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



**Structural Insulated
Panel Association**

BUILDING EXCELLENCE AWARD SPONSOR

