

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: **PorterSIPs**

Contact Name: **Jerry Brunink**

Address:

City: **Holland**

State: **MI**

Zip: **49424**

Phone: **616.836.4958**

Email: **jerryb@portersips.com**

Website: **www.portersips.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: **Freiburger Residence**

Address: **4895 S. 80 E.**

City: **Wolcottville**

State: **IN**

Zip: **46795**

Date completed: **June 2018**

Total cost of project (exclusive of land): **870,000**

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

**48' x 81'**

Asking price/purchase price (Affordable Housing only):

**NA**

Total sq. ft. of conditioned space:

**3723**

## BUILT BY (if different than applicant)

Company Name: **Pete's Construction**

Contact Name: **Pete Hochstetler**

Phone: **260.854.4239**

Address: **102 E. Dutch St.**

City: **Wolcottville**

State: **IN**

Zip: **46795**

## PANELS MANUFACTURED BY (SIPA members only)

Company Name: **PorterSIPs**

**Continued**

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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:

Lakefront home built for future retirement and visiting extended family.

How did SIP construction help you get this job?

Homeowner researched energy efficient products along with speed of construction and overall cost. Their search led to PorterSIPs as it fit all of their needs and requirements.

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

SIP roof thickness and core material: Panel thickness 10 1/4" EPS core

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

SIPs saved time, labor, construction, and energy costs over conventional stick built construction. These were all driving factors in the buyers decision to use SIPs. The house assembled quickly with little waste and required less labor, therefore reducing expenses. The homeowner will continue to see financial savings now that they have a home that is energy efficient with significantly lower bills.

Describe any innovative design elements or structural engineering involved:

The PorterSIPs construction allowed for large span panels to be used, requiring less framework.

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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:

Certified to meet the 2009 International Energy Conservation Code. Exceeds requirements by 3.1%.

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

No HERS completed - assumption is HERS rating would be 65.

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

2.26 ACH50

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Energy use intensity in kBtu/ft<sup>2</sup> *(required only for High Performance Category and recommended for commercial projects):*

NA

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Describe the HVAC system used on the project:

Forced air - natural gas 96 AFUE

Air conditioner - electric 14 SEER

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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 U or R-value of any insulation materials. *(judged only for High Performance Category)*

U-Value of windows 0.33

Exterior walls - 6 1/2" SIPs - 25.1 R-Value

Roof - 10 1/4" SIPs - 40.7 R-Value

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

Water heater - natural gas 0.72 energy factor

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

None



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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):

NA

Any additional comments on the project:

NA

### 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:

A handwritten signature in black ink, appearing to read "Jennifer D. Davis".

Date:

1/9/19

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](mailto:info@sips.org)

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



**Structural Insulated  
Panel Association**

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