

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: **Energy Panel Structures**

Contact Name: **Lee Bergum**

Address: **1301 American Blvd. Suite 100**

City: **Graettinger**

State: **IA**

Zip: **51342**

Phone: **712-859-3219**

Email: **lbergum@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: **Elk River Senior Living**

Address: **11124 183rd Circle**

City: **Elk River**

State: **MN**

Zip: **55330**

Date completed: **3-18**

Total cost of project (exclusive of land): **\$22,000,000**

Dimensions of building (all floors of multi-story building):  
**Plans attached**

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

**129,740 sq ft**

## BUILT BY (if different than applicant)

Company Name: **Nottingham Construction**

Contact Name: **Greg Johnson**

Phone:

Address: **3300 Rice St**

City: **St Paul**

State: **MN**

Zip: **55126**

## PANELS MANUFACTURED BY (SIPA members only)

Company Name: **Energy Panel Structures**

Continued

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

Company Name: Kas\_wilson

Contact Name: Kim Behrens

Phone: \_\_\_\_\_

Address: 1301 American Blvd. Suite 100

City: Bloomington

State: MN

Zip: 55425

**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:

This buidling is a 110 unit assited living facility. The building is 3 stories with underground parking. There is a memeory care area as well as large dining areas, exterior deck and many areas to meet and visit.

How did SIP construction help you get this job?

We have used SIPS in previus projects and have had great results in energy efficiency as well as reduced labor and waste. Sips have become a staple part of our buildings. Buy using SIPs we have a better return on our investment, These are the main contributing reasons that we use the panels.

SIP wall thickness and core material: 6" walls EPS closed cell foam

SIP roof thickness and core material: N/A

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

Reduced waste

Reduced Labor

Fully engineeered form EPS

Guaranteed future energy savings

Describe any innovative design elements or structural engineering involved:

Simplicity of having all teh panels pre-cut to size with all openings to exactly what was required for windows,doors and ither mic. penetrations through the wall, eliminates the unknown

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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:

N/A

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

N/A

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

units were tested in various parts of the building  
ACH ratings varied from 4.05-5.1

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

N/A

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Describe the HVAC system used on the project:

In floor radiant heat With through wall AC units, The rdiant heat is supplied by 2 1 million BTU boliers. These units run teh radian heat as well as the hot water usage thorough out the structure

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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)

Anderson Windows  
Low E Smart Sun U- 27

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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):

!00 % LED lighting  
80 % of the common areas utilize motion sensor lights  
all Energy Start appliances

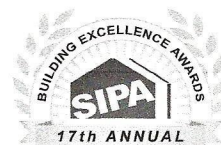
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Were any solar panels installed on the project? If so, indicate the size of the system (judged only for High Performance Category):

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. (judged only for High Performance Category):

Low VOV+C finishes, paint and carpet

Any additional comments on the project:

By incorporating SIPs into our building we are able to control the environments of our clients much easier, the panels also help greatly with sound reduction, making the facility quieter and feel more like home to our residents. The durability of them is also a great asset.

By being solid OSB this allows us to hang residents pictures anywhere they like as it is 100% nailable.

Overall a very sturdy, well built and designed facility, that our residents can be proud to live in.

### 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.

1-18-19

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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

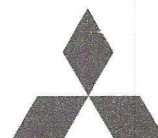
Complete application and submit electronically to [info@sips.org](mailto:info@sips.org)

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



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Panel Association**

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