

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: SARJU IGH, LLC

Contact Name: Michial Mularoni, AIA

Address: 2020 Wilson Ave

City: St. Paul

State: MN

Zip: 55075-3569

Phone:

Email:

Website:

## 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: Palace Inn & Suites

Address: 5492 Robert Trail S

City: Inver Grove Heights

State: MN

Zip: 55077

Date completed:

Total cost of project (exclusive of land):

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

62'-3" x 178'-7"

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

41,645 sq.ft.

## BUILT BY (if different than applicant)

Company Name: MGM Development, LTD

Contact Name: Michial Mularoni, AIA, President Phone: 651-459-5171

Address: 6191 Crackleberry Trail

City: Woodbury

State: MN

Zip: 55129

## PANELS MANUFACTURED BY (SIPA members only)

Company Name: Extreme Panel Technologies, Inc

Continued

# SIPA Building Excellence Application (Page 2 of 4)



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

Company Name: Mularoni+Co Architecture, LLC

Contact Name: Michial Mularoni, A.I.A.

Phone: 651-459-5171

Address: ~~2020 Wilson Ave~~ 6191 Crackleberry Trail

City: Woodbury

State: MN

Zip: 55129

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 is being used as an extended stay hotel.

How did SIP construction help you get this job?

The project was delayed during the design phase, before the final architect and using SIP allowed the building to be constructed quicker and helped to recoup some of the delayed time.

SIP wall thickness and core material: 6 3/8" total 5 5/8" 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 helped save time and labor on the project. The walls were able to be built while the site was being prepared and foundation poured. This saved us time and allowed the construction crew to focus on the erection of the building rather than laying studs. The SIPs also act as superior insulation for the rooms. In a hospitality building located in a cold climate, it is important for temperature control and energy efficiency to keep the building isolated from the outside climate. With SIPs between rooms, we were able to attain an STC of

Describe any innovative design elements or structural engineering involved:

The SIP walls are constructed in such a way that they ~~are~~ inherently have shear wall properties and ~~acted~~ as such in our (4) story wood building. This helped to save on engineering as we checked properties rather than had to devise a shear wall plan.

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:

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

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

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

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Describe the HVAC system used on the project:

The rooms each have their own PTAC. In their employee only areas, there are mini-splits with central heating in the lobby.

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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)

2" EIFS

4" closed cell foam on rim joists

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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):

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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):

No



## 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):

This project featured all sustainable building finish materials such as custom metal siding, E.F.I.S. (Tarrance), liquid vapor barrier, T.P.O. roofing, L.E.D. exterior lighting & accent lighting. Also, incorporate underground storm water holding and filtration system.

Any additional comments on the project:

This project came in under \$80,000 per room, well under industry costs for construction.

### 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:

Don Jahnke

Date:

1-17-20

Entries that do not contain all required materials or are received after **January 11, 2020** 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