

SIPA Building Excellence Application (Page 1 of 4)



PARTICIPANT INFORMATION

Company Name: **Extreme Panel Tech., Inc.**

Contact Name: **Brian Bossuyt**

Address: **P.O. Box 435**

City: **Cottonwood**

State: **MN**

Zip: **56229**

Phone: **800-977-2635**

Email: **brian@extremepanel.com**

Website: **extremepanel.com**

CATEGORY ENTRY (check one category)

- ☐ **XX** 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

PROJECT INFORMATION

Project Name: **Wonnenberg Residence**

Address: **3618 Powder Ridge Drive**

City: **Bismarck**

State: **ND**

Zip: **58501**

Date completed: **2015**

Total cost of project (exclusive of land): **\$950,000**

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

41' x 51' lower level, 41' x 51' main, 40'x51' upper

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space:

6010 sq ft

BUILT BY (if different than applicant)

Company Name: **DeGree Construction**

Contact Name: **Curt DeGree**

Phone: **701-220-8444**

Address: **801 – North 27th Street**

City: **Bismarck**

State: **ND**

Zip: **58501**

PANELS MANUFACTURED BY (members only)

Company Name: **Extreme Panel Tech., Inc.**

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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:

Wonnenberg Residence

How did SIP construction help you get this job? This job required a lot of tall walls and open spaces which made the structural strength of SIPs a perfect fit for an efficient and open concept home the owners were requesting.

SIP wall thickness and core material:

6" Wall Panels

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?

Sips saved time on the construction and brought the project in over 25% ABOVE THE 2015 CODE to help the performance as well.

Describe any innovative design elements or structural engineering involved:

This kitchen has 2 hidden pantries, and the whole home made use of all space including a fruit room under the approach of the home.

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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:

HERS Index (residential projects): 41 5 Star + Rating

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

.65 ACH50

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

Describe the HVAC system used on the project:

This is a 4 zoned forced air system with interactive
thermostats that track the owners by cell signal to
adjust temp settings as they move through the home
Tied to a geothermal loop field
And it has a radiant system through the lower level

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.

Fox Blocks, ICF Foundation. Truss Roof R-50 with Sprayed Insulation in Box Joist. Geo-Thermal

2" expand under slap

Pela Windows Air to Air ERV and Make up Air

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

Geo-Thermal Hot Water Heat. LED Lighting. Energy Star Appliances throughout the home.

Programmable shades on large west windows for passive solar. 4-6 degree solar gain in garage area - ASMUTH angle designed into overhang.

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

No

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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:

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: 2/29/2016

Entries that do not contain all required materials or are received after **March 4, 2016** will not be considered

Complete application and submit electronically to maryjane@sips.org

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



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