

Application

PARTICIPANT INFORMATION

Company Name: ENERGY PANEL STRUCTURES

Contact Name: LEE BERGUM

Address: 102 EAST INDUSTRIAL ROAD BOX 238

City: GRAETTINGER

State: IOWA

Zip: 51342

Phone: 1-800-967-2130

Email: lbergum@epsbuildings.com

Website: www.epsbuildings.com

CATEGORY ENTRY (check one category)

- ☒ Single Family Homes (over 3,000 sq. ft.)
☐ Single Family Homes (under 3,000 sq. ft.)
☐ Multifamily
☐ Agricultural
☐ Institutional / Industrial / Commercial
☐ Renovations
☐ Affordable Housing

PROJECT INFORMATION

Project Name: RIVERS HOME

Address: 37618 SUGAR LANE

City: MONTGOMERY

State: MN

Zip: 56069

Date completed: 3-30-12

Total cost of project (exclusive of land):

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

Asking price/purchase price (Affordable Housing only):

BUILT BY (if different than applicant)

Company Name: WILCON CONSTRUCTION

Contact Name: JOHN HOFFMAN

Address: PO BOX 502 1512 7TH AVE S

City: ST JAMES

State: MN

Zip: 56081

PANELS MANUFACTURED BY (members only)

Company Name: ENERGY PANEL STRUCTURES

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

Company Name: WILCON CONSTRUCTION

Contact Name:

Address: PO BOX 502 1512 7TH AVE S

City: ST JAMES

State: MN

Zip: 56081

Please answer each question with as much detail as possible.
Attach additional pages if necessary.

Describe the end use of the building:

RETIREMENT HOME FOR BOB AND MONIKA, WILL
BE THEIR MAIN RESIDENCE FOR RETIREMENT.
VERY EFFICIENT AND COMFORTABLE

How did SIP construction help you get this job?

WE WERE ABLE TO SELL THE ENERGY EFFICIENCY ALONG WITH
DECREASE IN OFF GASSING, THE LABOR SAVINGS WAS ALSO A
LARGE PORTION, ALONG WITH ENCLOSURE TIME TO GET THE
BUILDING WEATHER PROOF

Continued

Please answer each question with as much detail as possible to help in the judging process

SIP wall thickness and core material: 6" EPS

SIP roof thickness and core material: 10" EPS

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

Describe any innovative design elements or structural engineering involved:

LOW E SUN GLASS WINDOWS

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):

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

Describe the HVAC system used on the project:

Please list any energy-efficient products or design features other than SIPs:

GEO THERMAL, SOLAR PV PANELS, ENERGY STAR APPLIANCES AND LIGHT FIXTURES, WATER SENSE PLUMBING FIXTURES, IN FLOOR RADIANT HEAT, FULLY INSULATED GARAGE, HIGH EFFICIENCY FURNACE/BOILER/AC UNIT, MOTION SENSORED EXT LIGHTING WITH POTO EYES AND GENERATOR BACKUP.

Entries that do not contain all required materials or are received after March 22, 2012 will not be considered

Complete application and submit electronically to cschwind@gmail.com

Or send hard copy applications to SIPA office:

P.O. Box 1699 Gig Harbor, WA 98335
For FedEx or UPS Deliveries ONLY:
6659 Kimball Drive NW, D-404
Gig Harbor, WA 98335
253.858.7472

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc.:

MARMOLEUM FLOORS, (RECYCLED MATERIAL) LOW VOC PAINTS AND SEALERS, LOW FORMALDEHYDE CABINETS WITH LOW VOC FINISHES, RECYCLING PROGRAM WAS IMPLEMENTED DURING CONSTRUCTION WITH ALL TRADES, LANDSCAPE DESIGEND TO CONSERVE WATER.

Any additional comments on the project:

mechanical systems were designed for this home with sip panels in mind, we were able to size to maximize the efficiency of them, which allows the the healthiest environment. it is a super tight house and has created a building envelope the tightest ive seen

(john Hoffman, proj.mgr)

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: 3-15-12