

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: PAUL & RANDY EILERTSON

Address: 55331 35TH ST

City: BRICELYN

State: MN Zip: 56014

Date completed:

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: MORGAN BUILDINGS

Contact Name: DENNY MORGAN

Address: 152 10TH ST SE

City: WELLS

State: MN Zip: 56097

PANELS MANUFACTURED BY *(members only)*

Company Name: ENERGY PANEL STRUCTURES

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

Company Name: MORGAN BUILDINGS

Contact Name: DENNIS MORGAN

Address: 152 10TH ST SE

City: WELLS

State: MN Zip: 56097

Please answer each question with as much detail as possible.

Attach additional pages if necessary.

Describe the end use of the building:

60X72X18 SIP FINISHED, 36 X 44 X 15 SIP, 60X
104X18 POST FRAME, OFFICE/REC ROOM/FAMILY
ROOM/GAME ROOM

How did SIP construction help you get this job?

DENNY HAS USED SIP'S ON PROJECTS FOR 30 PLUS YEARS AND
DONE 4 BUILDINGS FOR PAUL AND HIS BROTHER, THE
CUSTOMER UNDERSTANDS AND KNOWS THE EFFICIENCY AND
STRENGTHS OF THE PANELS

Continued

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

SIP wall thickness and core material: 7 1/4" 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?

EVEN WITH LOTS OF WINDOWS AND THE LOFT, THE LABOR WAS LESS THAN HAND FRAMING WOULD HAVE BEEN, THE BIG BENEFIT IS THE ENERGY SAVINGS AND OVERALL STRENGTH OF THE BUILDING, THIS IMPRESSED THE CUSTOMER

Describe any innovative design elements or structural engineering involved:

WE WANTED THE SIP'S ROOF TO CARRY THE RAIN WATER LOAD OFF THE TRUSS SHOP ROOF THAT WAS ADJOINING AND ALSO FOR THIS NEW PORTION TO PROVIDE A COMFORTABLE ATMOSPHERE FOR THE SWIMMING POOL AND REC ROOM WHICH IT HAS

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:

GEO THERMAL IN FLOOR, WHICH ALSO HEATS THE POOL

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

ALUMINUM COVERED EPS PERIMETER INSULATION ON OUTSIDE FOUNDATION, EPS INSULATION ON INSIDE OF FOUNDATION WALL AND UNDER THE CONCRETE FLOORS, THERMAL INSULATED WINDOWS AND DOORS PLUS GEOTHERMAL

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.

PREFINISHED CEDAR INTERIOR CEILINGS

Any additional comments on the project:

PAUL AND DENNY STARTED DESIGNING A SHOP WITH A 12X 12 OFFICE, IT WAS FUN TO TAKE RANDY'S IDEAS AND INCORPORATE THEM INTO THE PLAN. IT WAS CHALLENGING AT TIMES, BUT FUN, THE CONCERN WAS TO KEEP THE BUILDING ENERGY EFFICIENT, EVEN TO THE EAVELITE ON THE NORTH END OF THE POSTFRAME PORTION, THE ENTIRE BUILDING HAS A GREAT LAYOUT WHICH, ENABLES A COMBINATION OF FARM FAMILY LIFE FROM FARMING TO A GAME ROOM AND POOL FOR THE FAMILY

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