

PARTICIPANT INFORMATION

Company Name: Energy Panel Structures

Contact Name: Lee Bergum

Address: 516 Woodley St East

City: Northfield State: MN Zip: 55057

Phone: 612-499-0756

Email: lbergum@epsbuildings.com Website: www.epsbuildings.com

CATEGORY ENTRY (check one category)

- | | |
|---|---|
| <input type="checkbox"/> Single Family Homes (over 3,000 sq. ft.) | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings under 10,000 sq. ft. |
| <input type="checkbox"/> Single Family Homes (under 3,000 sq ft.) | <input type="checkbox"/> Commercial/Industrial/Institutional Buildings over 10,000 sq. ft. |
| <input type="checkbox"/> Multifamily | <input type="checkbox"/> Renovations |
| <input checked="" type="checkbox"/> Agricultural | <input type="checkbox"/> Affordable Housing |

PROJECT INFORMATION

Project Name: Campbell Shop

Address: 14290 Zumbro Avenue

City: Shakopee State: MN Zip: 55379

Date completed: 6-2012

Total cost of project (exclusive of land): \$187,000

Dimensions of building (all floors of multi-story building): 40 x 65 lower level, 40 x 65 main level

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 5200 sq ft total both floors

BUILT BY (if different than applicant)

Company Name: Xpand Inc

Contact Name: Jess Moeding Phone: 952-292-6102

Address: 13727 Memorial Drive

City: Shakopee State: MN Zip: 55379

PANELS MANUFACTURED BY (members only)

Company Name: Energy Panel Structures

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

Company Name: Behr Design

Contact Name: _____ Phone: 952-746-7702

Address: _____

City: Shakopee State: MN Zip: 55379

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:

Work Shop and Dog training facility

How did SIP construction help you get this job?

The panels were prebuilt and with winter construction, this providing quicker erection of building and lower temporary costs for heating.

SIP wall thickness and core material: 6 1/2" closed cell poly styrene

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?

Saved time on labor, allowed the lower level to use osb skins as the finish surface with fully nailable surface interior drywall finish was easier and faster.

Ultra quiet, efficeint and great sound adsorbtion

Describe any innovative design elements or structural engineering involved:

Built to match existing home, open floor design so clear span, vaulted ceilings

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:

N/A

HERS Index (residential projects):

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

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

Describe the HVAC system used on the project:

Off peak electric and infloor radiant heat

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.

Low-e windows u value 29

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

Fully landscaped with boulders and a deck

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

N/A

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:

Owner loves the efficiency and the quietness with dog training, makes this a great environment to work 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
- ☒ 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: Lee Bergum

Date: 3-8-13

Entries that do not contain
all required materials or are
received after
will not be considered

Complete application and submit electronically to info@schwindcommunications.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

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☐ Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.

☐ Multifamily

☐ Renovations

☐ Agricultural

☐ Affordable Housing

PROJECT INFORMATION

Project Name: Lewisville Firestation

Address: 214 Lewis St West

City: Lewisville

State: MN

Zip: 56060

Date completed: 6-2012

Total cost of project (exclusive of land): 362,000

Dimensions of building (all floors of multi-story building): 70 x 60 and office 38 x 55

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 6290

BUILT BY (if different than applicant)

Company Name: BM Builders

Contact Name: Bill McMullen

Phone: 507-327-0970

Address: 19 Eagar Ave NE

City: Madelia

State: MN

Zip: 56062

PANELS MANUFACTURED BY (members only)

Company Name: Energy Panel Structures

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: Local Firestation

How did SIP construction help you get this job? They were a small town fire department that wanted to keep operating costs down and with the SIP panels they were able to do this , Also by doing panels Construction was sped up and allowed them usage of the building faster.

SIP wall thickness and core material: 6 1/2" closed cell polystyrene

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?

This not only will save them energy costs, as they are a volunteer fire department, they did complete construction faster as labor time was reduced, they could leave parts of the building unfinished as the skins could be finished by volunteers at a later time

Describe any innovative design elements or structural engineering involved:

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):

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

Describe the HVAC system used on the project:

96% efficient forced air furnace

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.

no others as they were on a limited budget low-e windows

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

N/a

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

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:

A lot of volunteers were able to help complete this building due to the panels

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