



## PARTICIPANT INFORMATION

Company Name: ENERGY PANEL STRUCTURES  
Contact Name: LEE BERGUM  
Address: 603 N. Van Gorden Ave  
City: Corvallis State: IA Zip: 57342  
Phone: 712-859-3219  
Email: Lbergum@epsbuildings.com Website: www.epsbuildings.com

## CATEGORY ENTRY (check one category)

- |  |   |
|--|---|
| <input checked="" 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 type="checkbox"/> Agricultural  | <input type="checkbox"/> Affordable Housing   |

## PROJECT INFORMATION

Project Name: Scott Berg Construction - NESS JOB  
Address: \_\_\_\_\_  
City: West Concord PINE ISLAND State: MN Zip: \_\_\_\_\_  
Date completed: 7-15  
Total cost of project (exclusive of land): N/A  
Dimensions of building (all floors of multi-story building): 34x56  
\_\_\_\_\_  
Asking price/purchase price (Affordable Housing only): N/A  
\_\_\_\_\_  
Total sq. ft. of conditioned space: 1904 sq'

## BUILT BY (if different than applicant)

Company Name: Scott Berg Const.  
Contact Name: Scott Berg Phone: 507-634-2374  
Address: 24721 55th ST  
City: West Concord State: MN Zip: 55985

## PANELS MANUFACTURED BY (members only)

Company Name: ENERGY PANEL STRUCTURES

Continued

## SIPA Building Excellence Application (Page 2 of 4)



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

Company Name: Scott Berg Const

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: residential

How did SIP construction help you get this job? energy efficiency + speed of const

wood sip basement was a plus

SIP wall thickness and core material: 8" wood sip Foundation - 6" walls All EPS

SIP roof thickness and core material: NA Trusses blown R-52

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

save time, labor, helped get basement done faster

Describe any innovative design elements or structural engineering involved:

wood sip basement

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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):

48

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

1.39

Energy use intensity in kBtu/ft<sup>2</sup> (commercial projects):

Describe the HVAC system used on the project:

Forced Air

95% efficient

Natural gas

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.

Lindsay wdw -

Low-E

U=29

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

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

No

Continued



# 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.:

Low VOC paints + carpet

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:

3-1-16

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](mailto:maryjane@sips.org)

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



Structural Insulated  
Panel Association

## BUILDING LEAKAGE TEST

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Date of Test: 12/29/2015

Customer: EPS

Test File: 15-CCT-035-10 304 2nd Ave SW Pine Island MN BD 621 CFM 1

Technician: Jake Brettin

Project Number:

Building Address: 304 2nd Ave SW  
Pine Island, MN 55963

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### Test Results

- |   |   |
|---|---|
| 1. Airflow at 50 Pascals:<br>(50 Pa = 0.2 w.c.) | 621 CFM50 ( +/- 0.6 %)<br>1.39 ACH50  |
| 2. Leakage Area:                                | 34.1 in2 LBL ELA @ 4 Pa   |
| 3. Building Leakage Curve:                      | Flow Coefficient (C) = 48.1 ( +/- 4.0 %)<br>Exponent (n) = 0.654 ( +/- 0.011 )<br>Correlation Coefficient = 0.99986 |
| 4. Test Settings:                               | Test Standard: RESNET Multi-Point Test<br>Test Mode: Depressurization   |
| 5. Accuracy Level                               | Standard Level of Accuracy Test   |
- 

### Infiltration Estimates

1. Estimated Average Annual Infiltration Rate:
  2. Estimated Design Infiltration Rate:
- 

### Cost Estimates

1. Estimated Cost of Air Leakage for Heating:
2. Estimated Cost of Air Leakage for Cooling: