

## Application (Page 1 of 4)

### PARTICIPANT INFORMATION

Company Name: HOWELL BUILDING SYSTEMS  
Contact Name: CHRIS FROST  
Address: 2495 UPPER VALLEY PIKE RD  
City: SPRINGFIELD State: OH Zip: 45504  
Phone: 937. 244. 1296  
Email: christoph.frost@sbcglobal.net Website: www.howellbuildingcompany.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 checked="" 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: HABITAT FOR HUMANITY SPRINGFIELD, OHIO  
Address: 1428 CLIFTON AVENUE  
City: SPRINGFIELD, OHIO State: OHIO Zip: 43505  
Date completed: \_\_\_\_\_  
Total cost of project (exclusive of land): \$85,000.00  
Dimensions of building (all floors of multi-story building): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Asking price/purchase price (Affordable Housing only): \_\_\_\_\_  
\_\_\_\_\_  
Total sq. ft. of conditioned space: 1470 SQ. FT. 1296 SQ. FT. 960 FIRST FLOOR.

### BUILT BY (if different than applicant)

Company Name: HOWELL BUILDINGS COMPANY  
Contact Name: CHRIS FROST Phone: 937-244-1296  
Address: 2495 UPPER VALLEY PIKE  
City: SPRINGFIELD State: OH Zip: 45504

### PANELS MANUFACTURED BY (members only)

Company Name: ENERGY PANEL STRUCTURES

Continued

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

Company Name: OHIO STATE UNIVERSITY

Contact Name: JANE MURPHY Phone: 614. 519. 2138

Address:

City: COLUMBUS State: OH 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: AFFORDABLE HOUSING

How did SIP construction help you get this job?

- ENERGY EFFICIENCY
- PRODUCT DURABILITY
- INNOVATION

SIP wall thickness and core material: 5 3/8"

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?

STRUCTURAL INSULATED PANELS PROVIDED THE INTEGRATION OF TEAM MEMBERS AND ORGANIZATIONS TO MEET SYNERGISTIC GOALS:

- INNOVATIVE CONSTRUCTION AND DESIGN
- ENERGY EFFICIENT CONSTRUCTION FOR AFFORDABLE HOMES
- COLLABORATION FOR NON-FOR-PROFIT AND OHIO STATE UNIVERSITY ARCHITECTURE
- MINIMIZED THE AMOUNT OF LOOSE FORMING MATERIALS ON SITE

Describe any innovative design elements or structural engineering involved:

- FULL THERMAL TALL WALL INTEGRITY WITH FLOOR SYSTEMS HANGING INTO WALL ASSEMBLY
- EXTERIOR JUCK SYSTEM FASTENED TO EXTERIOR SIP WALLS
- INTEGRATION OF BALCONIES OF EXTERIOR JUCKS INTO TALL WALLS FOR ENTRY



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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):

TO BE PROVIDED AT LATER DATE

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

HOUSE IS IN COMPLETION BY HABITAT FOR HUMANITY!

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

Describe the HVAC system used on the project:

RADIANT FLOOR (CLOSED) LOOP SYSTEM

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.

DOW WEATHERMATE HOUSEWRAP FOR ADDITIONAL WEATHER PROTECTION

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:

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

- COMPOSITE EXTERIOR JACK SYSTEMS
- RADIANT FLOOR HEAT

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: 2-26-2013

Entries that do not contain all required materials or are received after **March 12, 2013** will not be considered

Complete application and submit electronically to [info@schwindcommunications.com](mailto: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



Structural Insulated  
Panel Association

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