

2013 SIPA Building Excellence Awards



Official Entry Form

The Structural Insulated Panel Association (SIPA) is hosting the eleventh annual Building Excellence Awards to recognize association members that build exemplary projects using structural insulated panels (SIPs). The competition allows SIPA members to showcase their best work while demonstrating the design flexibility, sustainability and energy efficiency possible with SIP construction.

APPLICATION DEADLINE: *March 12, 2013*





Homes and commercial buildings completed between January 1, 2012 and December 31, 2012 are eligible. Special recognition will be given to any residential project that reaches a HERS Index of 30, the national energy savings goal for 2030 proposed in pending legislation.

Award categories:

- Single Family Homes over 3,000 sq. ft.
- Single Family Homes under 3,000 sq. ft.
- Multifamily
- Agricultural
- Commercial/Industrial/Institutional Buildings under 10,000 sq. ft.
- Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.
- Renovations (*residential or commercial, includes additions and retrofit insulated panels*)
- Affordable Housing (*excludes multifamily, home ownership cost must be at or below 30% of median income for location*)

Who is Eligible?

- The submitting company must be a current SIPA member in good standing
- Structural insulated panels must be used on a minimum of 50% of the building envelope, determined by square footage of exterior walls and roof
- The SIPs used on the project must be provided by a SIPA member manufacturer
- Installers, designers or other parties involved in the project who are not SIPA members will not be recognized in awards materials. However, builders or architects may apply for membership with their entry, but must be full members in good standing prior to the closing date for the entry to receive recognition.
- Project must be completed between January 1, 2011 and December 31, 2011

Winning Entries

- One winner will be chosen from each category. From the category winners, an Overall Competition Winner and a Runner-Up will be named.
- Judges may hand out Honorable Mentions at their discretion.
- Winners will be recognized at the Building Excellence Awards luncheon during the 2013 SIPA Annual Meeting & Conference in Tucson, Arizona.
- SIPA will promote the winning entries on the SIPA website and issue a press release to outside media

Guidelines

- Member companies may make multiple entries, but a separate entry form must be completed for each entry
- SIPA has the right to use the photos to promote SIPs to the construction industry. All entries will be displayed on the SIPA website.
- The deadline for entries is Tuesday, March 12, 2013. All entries must be received at the SIPA office on or before that date.

The following information and documentation is REQUIRED. Entries without the required items will not be considered.

- Completed and signed application
- A minimum of two photos showing different views of the completed project
- Photographs must be submitted in digital form and be at least 2400 x 3000 pixels, or 8" x 10" at 300 dpi
- Residential projects must have a HERS Index calculated by a RESNET certified home energy rater. Commercial projects must present other documentation of energy efficiency.

Additional documentation is not required but is highly recommended to give the judges a clear picture of the project's overall design, sustainability, systems integration, and energy efficiency.

- Additional photos showing the construction process and SIP installation
- Documentation of energy efficiency, such as a HERS report, blower door test results, utility bill data, or infrared thermography
- A thorough description of energy-efficient technologies other than SIPs, as well as other innovative or sustainable features
- Comments from the building owners regarding their satisfaction with the building
- A floor plan of the project. A single page line drawing no larger than 17" x 22" in size is sufficient. Please do not send full blueprints.

Judging Criteria

Each entry will be judged on the following criteria:

- Energy efficiency
(quantified by HERS Index and other data)
- Design and structural engineering innovation
- Creative use of SIP construction
- Environmental sustainability



PARTICIPANT INFORMATION

Company Name: _____

Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

Email: _____ Website: _____

CATEGORY ENTRY (check one category)

☐ Single Family Homes (over 3,000 sq. ft.)

☐ Single Family Homes (under 3,000 sq ft.)

☐ Multifamily

☐ Agricultural

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

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

☐ Renovations

☐ Affordable Housing

PROJECT INFORMATION

Project Name: _____

Address: _____

City: _____ State: _____ Zip: _____

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): _____

Total sq. ft. of conditioned space: _____

BUILT BY (if different than applicant)

Company Name: _____

Contact Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

PANELS MANUFACTURED BY (members only)

Company Name: _____

Continued

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: _____

How did SIP construction help you get this job? _____

SIP wall thickness and core material: _____

SIP roof thickness and core material: _____

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: _____

Application (Page 3 of 4)

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:

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.

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:

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.:

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: _____

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

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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www.sips.org

Puyallup Longhouse



Team: Environmental Works Community Design Center, Puyallup Tribal Housing Authority, Malsam Tsang Engineering Corporation, Haozous Engineering, Thomas Rengstorf & Associates, Ecotope, Travis, Fitzmaurice & Associates, Marpac Construction, Common Ground, O'Brien & Company

Location: Tacoma, Washington, Puyallup Tribal Reservation

Issues Addressed: Cultural Heritage, Affordable Housing, Strengthening Community, Alternative Energy, Environmental Sustainability

Project Description: The Puyallup Longhouse was designed with the goal of creating a community center and beautiful, relevant and affordable housing for members of the Puyallup Tribe struggling with the challenges of increased urbanization, high unemployment and low income. The design embraces the tribe's culture and follows the concept of traditional longhouses where family, friends & community members interacted to perform such daily activities as singing, dancing, weaving and carving. Modern technologies supplemented the natural design strategy and led to homes that are much more energy efficient than current Washington State energy code.

Tribal SIPS Project Receives USGBC Project of the Year and

International SEED Award



Puyallup Tribal Longhouse

The Puyallup Tribal Longhouse, a [multifamily housing project](#) on the Puyallup Tribe reservation in Tacoma, WA is receiving international recognition this month. By utilizing advanced technologies, such as [Premier structural insulated panels \(SIPS\)](#), architect [Environmental Works](#) was able to impressively integrate both cultural and environmental responsibility into the tribal project to meet the goals set by the Puyallup Tribal Housing Authority...."space that reflects culture".

The innovative longhouse project is the first tribal building to be certified LEED Platinum. We are honored to have our [SIPS](#) frame this project and congratulate all team members who worked to bring this to fruition.



Puyallup Tribal Longhouse

USGBC 2012 PROJECT OF THE YEAR

During this month's Greenbuild International Conference and Expo's Residential Summit, perhaps the most anticipated honors throughout the week, the 2012 LEED for Homes Awards were presented. Nate Kredich, VP of Residential Market Development at the USGBC in a [press release states](#): "This year's leadership recipients represent a dynamic field showcasing the range of residential developments that certify under USGBC's LEED for Homes program each year. The fact that our project of the year is an affordable housing development that achieved LEED Platinum certification is a shining example of how diversified the LEED for Homes portfolio has become."

"This LEED Platinum certified housing project is a culturally and environmentally responsive new model for the Puyallup Tribe in the Pacific NW. It's located on the Puyallup reservation on a hill overlooking the Puget Sound tide flats, which were traditional Puyallup tribal lands. The buildings are designed to emulate the rectangular, shed roofed form of a traditional Coast Salish longhouse using a variation of the modern townhouse courtyard building. Structural insulated panels with excellent air sealing for a well-insulated envelope, triple pane windows and ground source heat pumps for both domestic hot water and hydronic heating systems are some of the sustainable features."

Recognizing the best in a booming sector – with LEED homes accounting for more than 20,000 residential developments – the USGBC has honoured residential developments in terms of Project of the Year Award, Single Family Project, Outstanding Multifamily Project and Outstanding Affordable Housing Project in addition to Outstanding Affordable Developer, Outstanding Production Builder and Outstanding Commitment to LEED for Homes. For a full list of 2012 award recipients visit [USGBC news](#) .

INTERNATIONAL SEED AWARD FOR EXCELLENCE IN PUBLIC INTEREST DESIGN

The third annual [Social Economic Environmental Design Network, SEED](#), awards recognize excellence in social, economic and environmental design, and represent the collaborations needed to create truly sustainable projects and change in the world. Six projects were selected out of sixty-

five submitted from 21 countries worldwide. The Puyallup Longhouse project is among the distinguished six awarded an international SEED Award for Excellence in Public Interest Design.

SEED Project Jury Review: The jury was struck by the elegant combination of the principles of sustainability with cultural relevance, while providing a contemporary aesthetic. The collaboration fostered between the Puyallup Tribe and the Housing Authority was particularly impressive. Community participation in the design process was clearly evidenced by workshops and in some cases, the employment of Tribal members in the deconstruction of existing structures. The Puyallup Longhouse project is to be commended for comprehensively addressing affordable housing, environmental sustainability and strengthening community. The project provides an excellent example of triple bottom line design.

SEED is the only design standard to use a “triple bottom line” approach to public interest design, going beyond “green design” to address all issues that challenge communities globally. The SEED Awards are organized by the [Social Economic Environmental Design Network and Design Corps](#), a Raleigh-based non-profit design organization.

For full list of awarded projects including team members, project description and jury review, [visit 2013 SEED Award Winners](#).

phase 1

new maintenance building

10 townhomes

phase 2

10 townhomes and dance arbor

sweat area

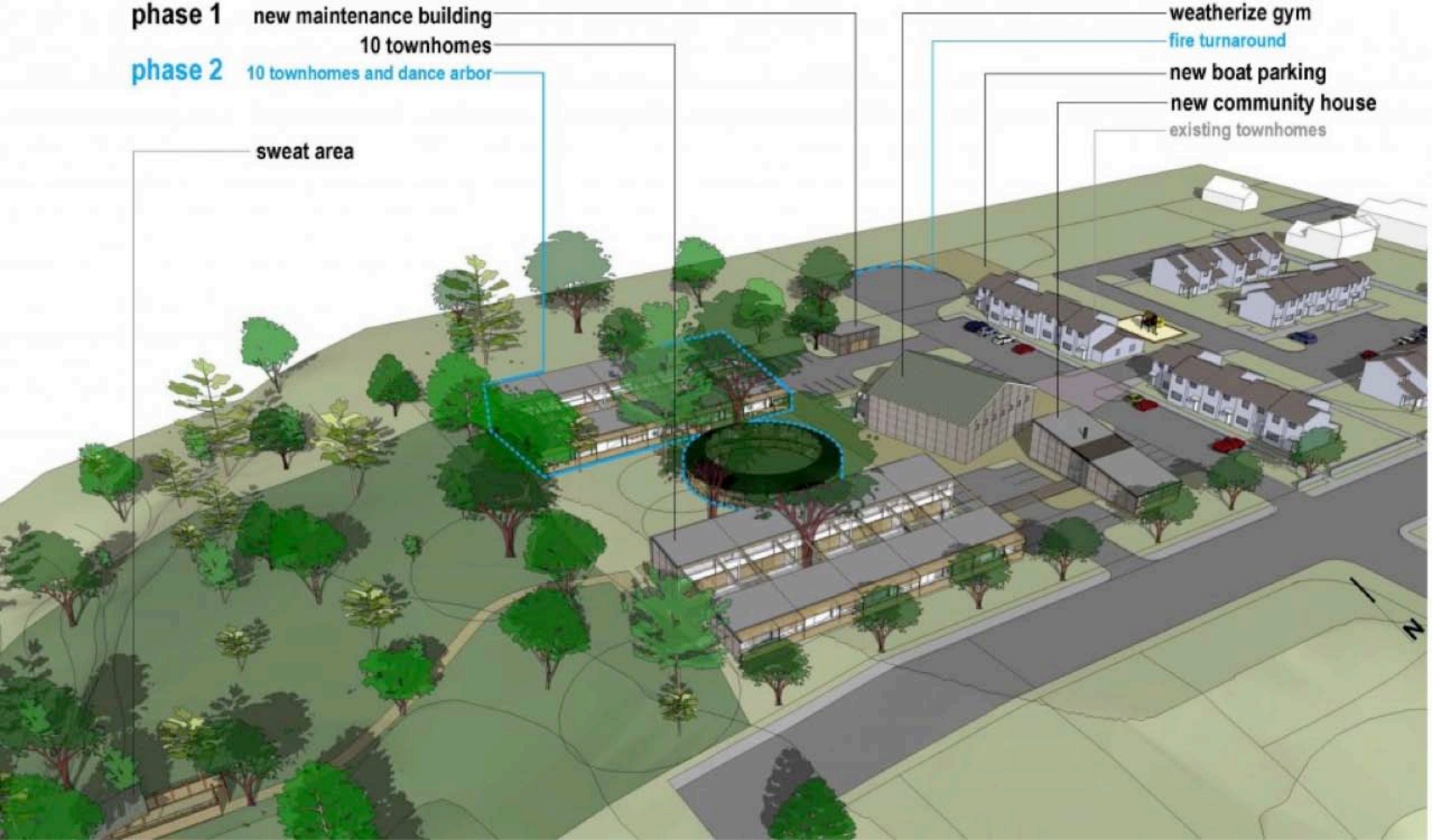
weatherize gym

fire turnaround

new boat parking

new community house

existing townhomes









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RESERVED
PARKING







