Application

PARTICIPANT INFORMATION Company Name: SIP Engineering Consultants, LLC	BUILT BY (if different than applicant) Company Name: MM&I Construction
Contact Name: Mike Nelson	Contact Name: Kelly Costanza
Address: 14845 SW Murray Scholls Dr Ste 110 PMB 306	7808 Haydenberry Cove
City: Beaverton	City: Nashville
State: OR Zip: 97007	State: OR Zip: 37221
Phone: 503-564-4178	
Email: Mike@SIPconsultants.com	PANELS MANUFACTURED BY (members only)
Website: SIPconsultants.com	Company Name: INSULSPAN
CATEGORY ENTRY (check one category) Single Family Homes (over 3,000 sq. ft.)	DESIGNED BY (if different than applicant – SIPA will only recognize members) Company Name:
Single Family Homes (under 3,000 sq. ft.)	Contact Name:
☐ Multifamily	Address:
Agricultural	City:
☐ Institutional / Industrial / Commercial	State: Zip:
Renovations	<u> </u>
Affordable Housing	
PROJECT INFORMATION Project Name: Krumme Residence Address: 2257 N. Denver Place	Please answer each question with as much detail as possible. Attach additional pages if necessary. Describe the end use of the building:
City: Tulsa 74106	Single Family Home
State: Oklahoma Zip: 74106	
Date completed: January 2011 Total cost of project (exclusive of land): \$600,000 Dimensions of building (all floors of multi-story building): 1st FI: 66' x 35' 2nd FL: 30' x 21'	How did SIP construction help you get this job? Since I specialize in structural engineering of SIPs, my services were preferred by the builder.
Asking price/purchase price (Affordable Housing only):	

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

6-1/2" - EPS core SIP wall thickness and core material:

12-1/4" - EPS core 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?

Saved time, labor, & energy, but also reduced the lumber more than usual if this had been stick-framed instead.

Describe any innovative design elements or structural engineering involved:

See attached 3D sketches describing noteworthy structural engineering challenges

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:

See attached 3D sketches describing noteworthy structural engineering challenges

HERS Index (residential projects):

65

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

Describe the HVAC system used on the project:

Geothermal heating / cooling with an ERV (Energy Recovery Ventilation) system, plus a powered solar shading system

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

LEED Gold Certified

Living (green) roof system (partial)

Rainwater harvesting for more than 90% of the roof.

Zeriscaping & native Buffalo grass (no mow)

Rainscreen system

High performance glazing **Pex Piping**

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

no/low voc sealants, adhesives, & finishes. recycled content countertops (squak mountain stone & vetrazzo), cork flooring, bamboo floors, energy star appliances, water conservative, storm shelter

Any additional comments on the project:

Shelby Navarro, of ONE Architecture, LLC, wanted a unique window pattern that reg'd many of the walls to be hung from the 2nd floor & roof. Accomplishing this was much easier, design wise, and construction wise, with the use of SIPs. See attached 3D sketches for more info.

CHECKLIST

My company is a SIPA member. Panels for this project were manufactured by a SIPA

I have answered ALL the guestions 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 15, 2012 will not be considered

Complete and return to the 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









