

PARTICIPANT INFORMATION

Company Name: GreenTech Construction

Contact Name: Daniel Troth

Address: 7591 Perry Rd.

City: Delaware

State: OH

Zip: 43015

Phone: 614-989-1122

Fax: NA

Email: greentech@columbus.rr.com

Website: greentechconstruction.com

CATEGORY ENTRY *(check one category)*

- ☐ Single Family Homes (over 3,000 sq. ft.)
- ☐ Single Family Homes (under 3,000sq ft.)
- ☐ Multi-Family
- ☐ Agricultural
- ☐ Institutional / Industrial / Commercial
- ☒ Renovations

PROJECT INFORMATION

Project Name: Kelly's 1862 Timber Frame

Address: 7595 Perry Rd.

City: Delaware

State: OH

Zip: 43015

Date completed: August 26, 2009

Total cost of project (exclusive of land): \$ 1,500,000

Dimensions of building (all floors of multi-story building):

Timber frame kitchen, great room, 22x44, timber frame sunroom 16x17, additional 35x35 1st floor area. Lower level 45x77 includes porches at outermost dimensions.

2nd floor bedroom & bath areas 35x35. 3rd floor bonus space, bath & storage 30x35.

BUILT BY *(if different than applicant)*

Company Name: _____

Contact Name: _____

Address: _____

City: _____

State: _____

Zip: _____

PANELS MANUFACTURED BY *(members only)*

Company Name: Insulspan

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

Company Name: F5 Design

Contact Name: Todd Parker

Address: _____

City: Columbus

State: OH

Zip: 43206

PLEASE ANSWER EACH QUESTION WITH AS MUCH DETAIL AS POSSIBLE TO HELP IN THE JUDGING PROCESS

Describe the end use of the building (attach additional pages if necessary)

The concept began with the antique timber frame house which had to be dismantled, moved 15 miles and re-erected on a new foundation. It was originally built in 1862 and was discovered by Troth in its abandoned state in 2006. (see attached).

How did SIP construction help you get this job?

I learned of SIPS in 1986 at the Timber Framers Guild of North America's 2nd annual conference at Marlboro College, VT. I first used them to wrap a barn home conversion in 1987 and have been using them whenever (see attached)

Continued

Specify unique features of why the project is deserving of recognition (new construction techniques, customer problems solved, time / labor savings, financial savings, etc.)

Finding an adaptive re-use for this antique timber frame is a recycling effort in one sense, but more importantly is an effort to celebrate the timeless beauty and craftsmanship inherent the frames built by America's pioneers. (see attached)

What energy-efficient or green building products and / or techniques were incorporated into the building? Please list any local or national energy-efficient or green building certifications earned (ENERGY STAR, LEED, Built Green, etc.)?

We began at the ground level with 2" of extruded foam beneath the concrete slab.

The foundation walls are Superior Walls with 1" of extruded foam with the remaining cavity filled with fiberglass for an R-30 total. The entire timber frame (see attached)

Initially a 57, but corrected data is re-calibrating a lower score.
HERS Index:

Which elements of the building (floors, walls, roof) were built with structural insulated panels? What thicknesses of SIPs were used?

All above grade walls and roof panels were built with Insulspan SIPs.
6" panels were used for all walls and 8" panels were used for the roof.

Comments you would like in a news release on this building?

I trust SIPA with a news release but would appreciate the opportunity to discuss the wording prior to that time.

(I will attach a list of local publications with contact information.)

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 as defined in the SIPA Building Excellence Awards guidelines.

OPTIONAL

- ☒ I have enclosed photographs that display different stages of the building project
- ☒ I have enclosed a floor plan drawing (no larger than 17" x 22" in size)
- ☐ I have enclosed a letter from the building owner regarding the building project
- ☒ I have enclosed a list of local publications (name and full contact information) for press release distribution

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: **Daniel M. Troth**

Date: **4-9-2010**

Entries received that do not contain all required materials will be returned.

Entries received after Friday, March 26, 2010 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

FOR OFFICE USE ONLY

Entry Number

Date Received