

# SIPA Building Excellence Application (Page 1 of 4)



## PARTICIPANT INFORMATION

Company Name: Innova Eco Building System, LLC

Contact Name: Jerry Gillman

Address: 3300 NW 110th Street

City: Miami

State: FL

Zip: 33167

Phone: 305 455 7707

Email: jerry@innovaebbs.com

Website: www.innovaecobuildingsystem.com

## 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: 726 Sony Boy Lane

Address: 726 Sony Boy Lane

City: Johns Island

State: South Carolina

Zip: 29455

Date completed: 1/16

Total cost of project (exclusive of land): Unknown

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

5 bedroom, 5 bath Home, 3 level home (2 levels under air) - 4200 sf of floor area

Asking price/purchase price (Affordable Housing only):

N/A

Total sq. ft. of conditioned space:

3512

## BUILT BY (if different than applicant)

Company Name: Amerisips Building Science

Contact Name: Steve Bostic

Phone: 843 352 2370

Address: 619 Marina Drive

City: Charleston

State: South Carolina

Zip: 29492

## PANELS MANUFACTURED BY (members only)

Company Name: Innova Eco Building System, LLC.

**Continued**

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

Company Name: ABS Design Group, LLC

Contact Name: \_\_\_\_\_ Phone: 843 637 4311

Address: 3289 Maybank Highway

City: Charleston State: South Carolina Zip: 29455

**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:

Single Family Residence

How did SIP construction help you get this job?

The added protection of the 200 MPH Rated Innova High Impact MGO SIP was a benefit that helped sell this project to the client. This project was hit by a tornado with 200 mph plus winds recorded with only minor siding and two cracked impact windows damages. There was no damage to the building envelope. See University of Florida report on the Tornado for further information as to how this home outperformed over 80 conventional build homes subjected to the same tornado.

SIP wall thickness and core material: 6 3/4" and 8 1/2" High Impact MGO SIP - EPS Core

SIP roof thickness and core material: 10 1/2" MGO / OSB SIP Roof panels

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

The Innova HIP MGO SIPs used on this home is Dade County approved and tested at wind speeds that exceed 240 mph. The performance of this home when subjected to tornado force winds justifies the substantial testing and superior strength of homes constructed with this building system.

Describe any innovative design elements or structural engineering involved:

OSB/ MGO SIP Panels were approved for the project by the local building authority  
Innova HIP MGO SIP walls were approved by the local building authority  
The SIP Panels for this project were designed to meet seismic zone 3.

**Continued**

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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:

DOE Net Zero Ready Certified Home  
2016 DOE Housing Innovation Award in the Custom home category  
Certified by the United States Green Building Council (U.S.G.B.C) at the LEED Platinum Level

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HERS Index (residential projects): **HERS 12**

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Blower door test results (ACH50) (residential projects): **Not Available**

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

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Describe the HVAC system used on the project:

Unico high efficiency, high velocity small duct central heating and cooling system.

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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.

Average monthly energy bill \$54, estimated savings of \$4,042 per year, \$166,924 saved over 30 year mortgage, (calculated Vs. 2012 IECC with fiscal fuel escalation rate per 2015 EPA Annual Energy Outlook)

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

- High-performance insulation system - 6" & 8" High Impact MGO SIP Walls, 10" MGO / OSB SIP Roof Panels
- Comprehensive draft protection
- Fresh air system for cleaner, healthier indoor air
- High-efficiency comfort system
- High-efficiency appliances and advanced lighting technology for energy and water savings

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

The home is equipped with a solar hot water system and solar PV system. The estimated power consumption use of this home is

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*Continued*



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

Low VOC paint and Project includes water reclamation system

Any additional comments on the project:

The MGO SIP used on this project provides added fire resistance benefits over wood based construction systems. MGO SIP was used for the interior walls providing added protection in case of fire. MGO Does not mold or rot and is not affected by termites or rodents.

### 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:

1/16/17

Entries that do not contain all required materials or are received after **January 16, 2017** will not be considered

Complete application and submit electronically to [info@sips.org](mailto:info@sips.org)

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

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Panel Association**