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

Remodeling SIP Panels were used for the exterior building envelope

Any additional comments on the project:

The MGO Retro-Panel provided added fire resistance to the home. The MGO panel is not only resistant to fire but also to termites and mold. The fact that MGO does not mold makes it an excellence choice for a project located on the beach in a humid, high moisture environment.

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

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

BUILDING EXCELLENCE AWARD SPONSOR



Structural Insulated
Panel Association

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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:

N/A

HERS Index (residential projects): N/A

Blower door test results (ACH50) (residential projects): N/A

Energy use intensity in kBtu/ft² (commercial projects): N/A

Describe the HVAC system used on the project:

N/A

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.

Spray insulation was used on the interior of the existing masonry walls. The MGO Retro-Panel SIPs and on the outside of the existing SIP walls and the New Frammed walls and spray insulation on the inside of these walls was used to achieve the energy code criteria.

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

Low voltage lighting was used

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

No

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— REVISED APPLICATION —

PARTICIPANT INFORMATION

Company Name: Innova Eco Building System, LLC.

Contact Name: Jerry Gillman

Address: 3300 NW 110th Street

City: Miami

State: FI

Zip: 33167

Phone: 305 455 7707

Email: jerry@innovaecbs.com

Website: www.innovaecobuildingsystem.com

CATEGORY ENTRY (check one category)

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

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

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

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

☐ Multifamily

☒ Renovations

☐ Agricultural

☐ Affordable Housing

PROJECT INFORMATION

Project Name: Panama City Beachfront Renovations - Single Family Home

Address: 20804 Front Beach Road

City: Panama City

State: Florida

Zip: 32401

Date completed: March 2016

Total cost of project (exclusive of land): N/A

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

2 story

Asking price/purchase price (Affordable Housing only):

N/A

Total sq. ft. of conditioned space:

2400

BUILT BY (if different than applicant)

Company Name: Jim Cofer Homes, LLC

Contact Name: Jim Cofer

Phone: 850 615 1050

Address: 11327 POSTON ROAD

City: Panama City

State: Florida

Zip: 32404

PANELS MANUFACTURED BY (members only)

Company Name: Innova Eco Building System, LLC.

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

Company Name: Enerco Construction Solutions, LLC

Contact Name: Jeff Allen

Phone: 850 215 9499

Address: 717 Florida Avenue

City: Panama City

State: FL

Zip: 32401

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 Home

How did SIP construction help you get this job?

Project was located on a beach with grandfathered setbacks. If house tore down, would have to build a smaller house to comply with the new setbacks. The Innova MGO Retro-SIP panel allowed the existing stucco to be removed and the insulated MGO Retro-Panel was fastened directly to the existing walls providing and insulated air tight building envelope. The contractor was able to apply a Coraflex textured finish on the exterior for a fraction of the cost of traditional stucco and insulation. The contractor was so impressed with the ease of the installation and the quality finish of the panels that they purchased additional retro panels to install on the second floor wood framing.

SIP wall thickness and core material: 1 5/8" EPS with borate (by Insulfoam)

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?

The MGO SIP Retro-Panel provided a superior finish than traditional stucco. The Retro-panel provided an airtight insulated building envelope and was used with spray foam insulation on the interior to meet the thermal energy codes. The retro-panel not only provided a superior exterior finish, it saved time and money over a traditional lath and stucco installation. The Coraflex finish is an elastomeric finish that provides superior performance to traditional stucco in that it does not crack. The contractor saved at least two weeks off the construction schedule by using the retro-panel in lieu of traditional stucco and paint. The retro panel also added the needed thermal ratings so that the maximum room sizes could be achieved without losing valuable inches for traditional insulation methods.

Describe any innovative design elements or structural engineering involved:

Magnesium Oxide Cement Panel SIPs remodeling panels were used over wood framing and existing masonry surfaces. The remodeling panels not only helped provide an air tight insulated building envelope, but also provided a superior surface to apply the final finishes of the project.

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