



Classic Competition



Beaver Island Brewing

Beaver Island Brewing



Participant information

Energy Panel Structures

Lee Bergum

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Graettinger, IA 51342

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Email Address: lbergum@epsbuildings.com

Website: www.epsbuildings.com

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

High Performance: No

Project information

Beaver Island Brewing Canning Facility

401 Electron Drive

Sait Cloud, MN 56304

Date Completed: 04/01/2017

Dimensions of building (all floors of multi-story building): 100' x 100'

Asking price/purchase price (Affordable Housing only):

Total sq. ft. of conditioned space: 10,000 sqft

Built By (if different than applicant)

Winkelman Building Company, LLC

Chris Koepf

340 Highway 10 South

Saint Cloud, MN 56304

Panels Manufactured By: Energy Panel Structures

Designed By (if different than applicant - SIPA will only recognize members

Winkelman Design Build

Chris Keopp

340 Highway 10 South

Saint Cloud, MN 56304

Total sq. ft. of conditioned space: 10,000 sqft



Beaver Island Brewing



Describe the end use of the building:

A complete brewery, production, canning and shipping facility

How did SIP construction help you get this job?

Interior and exterior finish of the panel both from an appearance as well as usability for the client.

SIP wall thickness and core material: 6" expanded poly styrene, R-26

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?

By using metal SIPs we were able to apply an envelope that significantly sealed the steel building frame. This allowed us to do a on step sheeting and insulated panel.

Describe the HVAC system used on the project:

Offices and Malt Room utilized standard furnace and central air conditioning, Tank Room had a make up of air (heated if needed, no cooling) and exhaust fan, the production and shipping area used radiant heat only.

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar (judged only for High Performance Category):

LED lighting and heat pumps

Were any solar panels installed on the project? If so, indicate the size of the system (judged only for High Performance Category): No

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):

Low VOC flooring and paints

Canning area

Beaver Island Brewing



Brewing area

Beaver Island Brewing



Exterior view

Beaver Island Brewing

