

# Building Excellence Awards

## RMAE Gymnasium

Project Name:	RMAE Gymnasium
Category:	Commercial/Industrial/Institutional Buildings over 10,000 sq. ft.
High Performance:	No
Manufacturer:	
Submitted By:	Terry Dieken

### Project

2959 Royal Elk Way  
Evergreen, CO 80439  
United States

### Builder

Peak 7 Inc.  
Chuck Standen  
211 Hidden Creek Trail  
Idaho Springs, CO 80452  
United States  
Phone: 303-905-1860

## Design Professional

### Design Professional

Insight Engineering  
Chuck Standen  
27691 Moffat Rd  
Evergreen, CO 80439  
United States  
Phone: 303-929-4272

### Building End Use:

The gymnasium will serve as a hub for the RMAE and Evergreen community—bringing people together to support education, arts, and athletics, celebrate commencement and other milestones, and will be available for community group/school club meetings year-round.

### Describe the end use of the building:

The builder is a loyal Extreme Panel Technologies customer with an appreciation for sustainable SIP building. The community was in dire need of a large, expansive community space that was easily achievable by using SIPs in place of traditional building methods.

### SIP wall thickness and core material:

6 1/2" and 8 1/4"

### SIP roof thickness and core material:

10 1/4"

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

The builder described the benefits of SIPs as being “comprehensive.” Every area of the project was positively impacted by using SIPs as a building method. The off-site manufacturing process was very efficient and called for next-to-zero modifications. This allowed for increased structural integrity, shorter construction times, less required labor, and minimal on-site waste.

**Describe any innovative design elements or structural engineering involved:**

## Certifications & Specifications

**Certifications:**

**HERS Index:**

**Blower door test results (ACH50):**

**Energy use intensity in kBtu/ft2:**

**Describe the HVAC system used on the project:**

Due to the size of the building, there are different HVAC systems in place. Please see the attached mechanical compliance certificate for details.

**Other Energy-saving Materials:**

**Energy-efficient products or design features:**

**Solar panels installed:**

**Sustainable materials or design features:**

**Additional comments:**

During the pandemic, we learned that “going remote” can work, but it is far from ideal. RMAE students and faculty had to miss out on many of the activities they loved and realized that their small community had limited spaces for fostering community. The Den will facilitate an expanded curriculum that focuses on the activities we all value now more than ever: performing arts, physical education, group collaboration, and extracurricular activities. We are proud to be a part of this project and to help create an ideal space for students and the Evergreen community to come together.

**Builder, homeowner, occupant testimonial:**

## Files & Photos



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