Case Study  Douglas County Community and Senior Center

The Douglas County Community and Senior Center offers a variety of recreational activities, programs and events. Their mission is to continue to positively affect the community and enrich life. The community center is somewhere people of all ages and lifestyles are able to gather to promote unity, healthy living, education and community pride.

PROBLEM
In Douglas County, 30 percent of the 46,000 residents are senior citizens; thus the need for a senior community center had been vocalized for decades. In 1995, the Kahle Community Center was built for the lake portion of Douglas County. This left the larger population of Carson Valley without similar services and community activities. Therefore the Douglas County Board of Commissioners determined that the time to act was now, and the Douglas County Community and Senior Center was built. It is one of the largest projects accepted by Douglas County, consisting of nearly 80,000 square feet.

SOLUTION
The Douglas County Community and Senior Center, completed in July 2014, was built to become the focal point of the community as a whole for all ages and continues to create and preserve quality parks and recreation opportunities. The facility was designed by Tate Snyder Kimsey Architecture and offers many amenities including conference rooms and a fitness center with two full basketball courts, an indoor track, exercise equipment, two racquetball courts and so much more. It is a state of the art building for a commendable community.

MBCI's Craftsman™ Series and Artisan®, both in Galvalume, PBC panels in Slate Gray and flat sheet panels in Galvalume and Slate Gray. Core Construction, the general contractors on the project, selected PBC metal panels for the roof and exterior walls. The PBC panels were attached to the building structure with exposed fasteners. Photovoltaic (PV) panels were installed on top of the PBC roof panels. A PV system's efficiency improves when installed on a cool metal roof, as done with the Douglas Center, increasing the energy output of the solar modules.

The Craftsman Series panels were tapered and installed on the roof of the cylinder section of the building. MBCI's Artisan panels were used as soffit panels on the community center. The simplicity of the Artisan panel is its best design feature because its uniform dimensions and smooth look allow the designer to plan modules, eliminating complicated pieces and following wall curvatures. The fastener is concealed behind the flush face, creating a clean appearance.

Lastly, Commercial Roofers, Inc. used MBCI's 24-gauge flat sheets to make their own trim onsite.