



Photo courtesy of EAPC

# Stanley J. Marshall Center @ South Dakota State University Renovation – Phase I

## Brookings, SD

The Stanley J. Marshall Center Phase I houses practice facilities for women's basketball, men's basketball and wrestling. Phase I includes support space and two separate gyms. Each gym has a full-sized NCAA basketball court and two high school length cross courts. A future phase will include additions and renovations to Frost Arena that will reconfigure the bowl seating, add club seating, provide an enlarged concourse and new main entrance.



The structural system consists of non-bearing precast concrete walls which in combination with steel rod x-bracing function as the lateral load resisting system. The roof is framed using long span structural steel trusses that clear span the courts and support the composite slab floor of a large mechanical penthouse that occupies about half of the entire area of the roof. The penthouse roof is comprised of steel beams, steel joists and metal deck.

**Project Size:** 27,000 SF

**Completion Date:** 2018

**Project Cost:** \$12.2 Million

**Similar Projects:** Two Rivers Activity Center, Student Wellness at University of North Dakota, Williston Arena Recreational Center