



## NAU Arizona University Skydome Renovation Flagstaff, Arizona

The project consisted of renovating the indoor football and multipurpose arena. The original facility was built in 1977 had undergone several small renovations; however the building was substantially unchanged from when it was constructed and was significantly non-compliant with modern code requirements for safety, ADA accessibility and lacked many program elements found in modern athletic facilities.

The project included a complete remodel of the field level restroom, locker rooms, training and storage facilities to allow full ADA accessibility and improved functionality. The seating bowl was upgraded to provide code compliant aisle widths and adequate ADA seating platforms. Three elevators were included in mezzanines and press box; located on the east and west sides of the seating bowl. This project required significant modifications to the existing seating bowl made up of precast concrete double tees, girders and concrete. The new ADA platforms, office mezzanines and press box levels were constructed of cast-in-place concrete floors and columns because of the complex construction access issues associated with the project.

Services: Structural Engineering

Data: 272,000 SF Wood Timber Dome

Cost: \$20 Million

