



## 1<sup>st</sup> Bank Center, Broomfield, Colorado

The 1<sup>st</sup> Bank Center was built to accommodate events including concerts, rodeos and community functions. The Center contains 6000 seats, 25 suites, 900 club seats, a 200 seat restaurant, two club lounges, and separate basketball and hockey facilities. Precast/Prestressed concrete used in the structure includes 581 pieces of single leg risers, triple risers, walls, beams and stairs are included in the composition of the facility. The precast was installed with the use of two hydraulic cranes inside the building in order to complete coordination of the steel roof and precast.

The 1<sup>st</sup> Bank Center hosts around 130 events each year. While owned by the city and county of Broomfield, Colorado, the site is managed by AEG Live and Kroenke Sports owned Peak Entertainment LLC. Such entertainers as Modest Mouse, The Judds, and Phil Lesh and Bob Weir, formally of the band, The Grateful Dead, have performed on stage at the venue.

### Project Facts:

**Market Segment:** Stadiums  
**Building Type:** Event Center  
**Products Used:** Leg risers, triple risers, walls, beams and stairs



### Project Design Team:

**Owner:** City and County of Broomfield, Broomfield, CO  
**General Contractor:** Saunders Construction, Inc., Centennial, CO  
**Architect of Record:** Sink, Combs and Dethlefs, Denver, CO  
**Engineer of Record:** Martin/Martin Inc., Lakewood, CO



### Company Information:

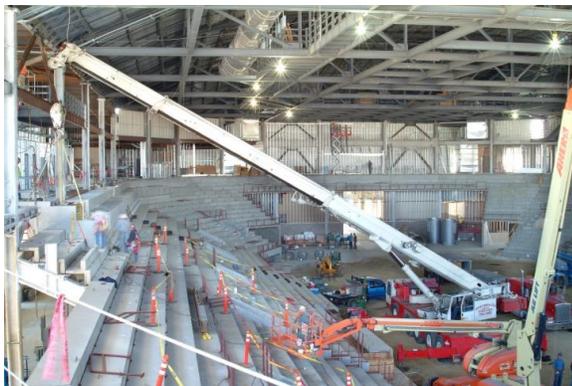
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The precast/prestressed concrete used in the structure consists of 581 pieces. These include 441 pieces of single leg risers, five pieces of triple risers, 117 pieces of walls and beams, and 18 stairs.

Because the steel roof was under construction at the same time the precast was being erected, the precast was installed using two hydraulic cranes inside the building under the roof. Thus, the successful coordination between the steel and the precast erector was crucial. In some cases, the head room was only 20 ft and special rigging was incorporated to handle the pieces of concrete.



The precast concrete erector for Stresscon was Hardrock Structures and the steel erector was LPR.

