

Andrew J Huseman, PE
Principal



EDUCATION

University of Colorado,
Boulder, CO
BS Engineering, 1999

**PROFESSIONAL
ENGINEERING
REGISTRATIONS**

NCEES Model Law
Engineer – No. 37469

Arizona Professional
Engineering – No. 48716

Colorado Professional
Engineer – No. 43447

Minnesota Professional
Engineer – No. 47617

Nevada Professional
Engineer – No. 20314

New Mexico Professional
Engineer – No. 19439

Idaho Professional
Engineer – No. 14161

Washington Professional
Engineer – No. 46655

Wyoming Professional
Engineer – No. 13692

Florida Professional
Engineer – No. 78791

Tennessee Professional
Engineer – No. 119894

Puerto Rico Professional
Engineer – No. 27623



Starling Madison Lofquist, Inc.
Consulting Structural and Forensic Engineers

Mr. Huseman is a registered professional consulting engineer with experience designing multi-story buildings, structural towers, heavy-industrial buildings, foundation systems, retail centers, and multi-story residential buildings. Experienced in designing with numerous construction materials and framing systems including: cast-in-place concrete, post-tensioned concrete slabs on grade, elevated post-tensioned concrete slab, composite floor, steel frame, masonry bearing/shear wall, concrete tilt panel, structural insulated panels (SIPS), metal stud light gauge and wood framing. A dependable, thorough, and organized engineer that is well versed in the IBC and CBC building codes with major strengths in seismic analysis, mathematical modeling, structural design, project management, forensic investigations, special inspections, and computer aided drafting.

RELEVANT SELECTED PROJECTS:

- **Children's Learning Adventure** **Nationwide**
This nationwide retail rollout program consisted of 12,000 – 40,000 square foot SIP framed stores backed by a structural steel frame with light-gauge stud framed cladding on the exterior.
- **Cactus Yards Baseball Park** **Gilbert, AZ**
Structural rehabilitation and reconstruction of Big-League Dreams park renamed Cactus Yards. Responsible charge for Outfield Stadium Wall Rehabilitation at perimeter of park associated with each field. Structural Engineer of Record, SML Project Manager, Special Inspections, Construction Administration. Completed in conjunction with Haydon Building Corporation and Bo Architecture.
- **GSA / FBI Phoenix HQ Building** **Phoenix, AZ**
225,000 SF Steel Framed \$40M monument / special use office building at the corner of 7th Street and Deer Valley. The project consist of a structural steel framed multilevel office building (five and three stories), two-story concrete parking garage, Annex and a VSF building. Mr. Huseman served as lead structural designer and project manager, completed while at MBJ in conjunction with Ryan Companies.
- **Pinto Valley Copper Mine** **Miami, AZ**
Wholly owned by Capstone Mining Corp., the Pinto Valley Mine was acquired from BHP Billiton in October 2013. The Pinto Valley Mine is located in the Globe-Miami mining district in Arizona, one of the oldest and largest copper districts in the Americas and among the world's most favorable mining jurisdictions with respect to tax, regulation and labour. BHP Billiton invested \$194 million in 2012/13 to upgrade and re-commission the operation, which was successfully restarted in December 2012 with a five year mine life in publicly reported reserves. Mr. Huseman served as a structural designer and ironworker liaison while at a previous firm for the primary conveyor, crusher and concentrator building operations and is a certified MSHA trained miner.
- **Red Wing Central Park Bandshell** **Red Wing, MN**
The Red Wing Band Shell was awarded the Structural Engineers Association of Arizona (SEAOA) 2009 Merit Award in Structural Engineering and the AISC 2010 National Certificate of Recognition. Mr. Huseman served as the lead structural designer while at MBJ along with Bentz Thompson Rietow as the architect. Grand opening of the \$150,000 band shell was celebrated concurrently with Fourth of July festivities featuring concerts by a variety of artists, which showcased the new facility's acoustical capabilities.

