

## Entertainment and Multiuse Facilities

# ArcSine Engineering

**ArcSine Engineering** is an electrical, mechanical, and control systems engineering firm founded in 1978. For multiuse facilities, we build flexibility in our designs to allow a wide range of uses with quick conversions between events. Our experience includes the design of arenas, casinos, churches, convention centers, banquet rooms, sports stadiums, theaters, and athletic playing fields.

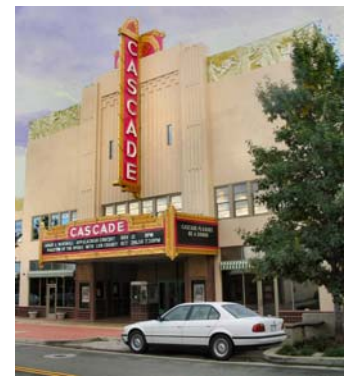
Our specialized designs include interior lighting, theatrical lighting, sound and projection systems, building system networking, public address and communication systems, and security systems. Our electrical engineering designs include power distribution, site lighting, underground utilities and motor controls. Our mechanical designs include heating, ventilating, air conditioning and plumbing.

**ArcSine** tailors designs to the needs of the project. We appropriately size equipment, resulting in lower capital costs. We pay close attention to the future needs of a project and when warranted, we include in our designs provisions for expansion. Our drawing packages and specification sections blend seamlessly into our client's design packages.

**ArcSine** is skilled at meeting the requirements of owners, the fire marshal, building departments, power companies, and other agencies having jurisdiction. We perform services during construction including submittal reviews, coordination with contractors, and construction observation.



*Little Country Church*



*Cascade Theater*



*Redding Library Park*

### **ArcSine** excels in the following:

- Coordinating With Other Disciplines
- Providing Customer Service
- Meeting Customer Expectations
- Quality Control
- Meeting Deadlines
- Cost Control
- Energy Calculations



*Mojave Crossing Event Center  
(Avi Hotel & Casino)*

### Our experience includes:

- Mojave Crossing Event Center
- Little Country Church
- Abbey of New Clairvaux
- Cascade Theater Restoration
- Redding Library Park and Stage
- Burney Falls Amphitheater
- Mount Shasta Ski Park
- Turtle Bay Arboretum
- Turtle Bay Amphitheater
- Chico State University Soccer Field
- Indio Soccer Fields
- Enterprise High School Athletic Field
- Volonte Municipal Athletic Field
- Central Valley High School Athletic Field



*Burney Falls Amphitheater*