

## Featured Project

### Cascade Theatre Renovation

Redding, California

ArcSine Engineering performed electrical and lighting design for the restoration of a 1,000-seat, 1930's-era, Art-Deco-style movie house/theater located in downtown Redding, California.

The original auditorium, complete with balcony, was transformed into a four-cinema multiplex in the late 1970's.

ArcSine's design for this challenging project included:

- Extensive field investigations of the original electrical system to carefully reverse-engineer the changes that had been made over the years.
- Electrical demolition work (as a licensed C-10 electrical contractor) to confirm existing raceways could be reused, and ensure that the building lighting systems remained functional during demolition.
- Detailed planning of new electrical system components to minimize the renovation's impact on the building's original structure.
- Period lighting design.
- Programming and startup of the building lighting control system.
- Extensive coordination and design of sound and theatrical lighting systems. The original building did not anticipate the considerable requirements for equipment and interconnection. ArcSine seamlessly blended these modern systems into the facility.

Electrical  
Lighting  
Field Work  
Planning  
Power Distribution  
Cost Estimating



Photography by New Image Studio

