

Featured Project

Shasta Courthouse Museum

Shasta, California



Design Completion Date

1999

Construction Completion Date

2000

The Shasta Courthouse structure started out as a private business house and merchandise store, constructed in 1855. Shasta County purchased the structure in 1861 for \$25,000 and remodeled it into five offices, a courtroom, and a downstairs jail. It remained the courthouse and jail for 27 years until 1888 when Shasta County built a bigger courthouse in Redding. The State of California purchased the dilapidated building in 1937 with plans to make it a historic park. In 1950 the courthouse was reopened as the Shasta Courthouse Museum and dedicated as a state monument. Special attention was made to restore the building inside and out to its original 1860's appearance.

ArcSine Engineering was contracted to provide power distribution and lighting design to support the museum's new exhibit layout. ArcSine met with the museum curator a number of times to discuss the museum artifacts to be displayed, their locations, and lighting options which fit within the project budget. Detailed field investigation was performed in crawl spaces of the museum to identify routing locations which would minimize core drilling of the brick structure.

ArcSine performed the following design items:

- Detailed field investigation
- Lighting design for the following staged areas:
 - ◆ Courtroom
 - ◆ Sheriff and Tax Collector
 - ◆ District Attorney
 - ◆ Recorder
 - ◆ Auditor and Clerk
 - ◆ Treasurer and Assessor
 - ◆ Main Prison Room
 - ◆ Prison Cells
- Lighting control design to minimize hours of operation and exposure of artifacts to lighting.
- Power distribution design for a cell hologram.
- Services During Construction, including light fixture aiming.

