

Featured Project

Lassen Volcanic National Park U.S. National Park Service

Redding, California

Lassen Volcanic National Park, started out as two separate National monuments designated a historical park by Theodore Roosevelt in 1907: Cinder Cone National Monument, and Lassen Peak National Monument. On May 22, 1915, an explosive eruption of Lassen Peak, the southern most active volcano in the Cascade Range, devastated nearby areas and rained volcanic ash as far away as 200 miles to the east and 150 miles to the west. Congress combined the two National parks in 1916 because of the eruption and active volcanic landscape. The park now covers 165 square miles, 106,372 acres are designated as wilderness area.

ArcSine Engineering performed detailed field investigations of multiple structures on the park headquarters' project site. In addition, electrical utility coordination was performed, and Contract Documents were prepared for plan check submission and to obtain competitive bids for the following buildings:

- Building 1: 3-story, 4,500-square-foot Headquarters Building. Provided power distribution, lighting design, and a new service entrance. This building accommodates multiple Park offices for the Superintendent, Clerk administration, Personnel, and Maintenance Manager. In addition, this building contains the Park's Visitor Center.
- Building 2: 3-story, 3,500-square-foot, three-bedroom residence. Provided power distribution and lighting design for this residence.
- Building 3: 648-square-foot garage. Provided power distribution and lighting design for this garage.
- Building 23: 5,400-square-foot machine shop/garage. Provided power distribution, lighting design, and a new service entrance. This facility is a full-service shop with wheel balancers, bench grinders, band saws, drill press, air compressor, lift truck, crane, and welders.



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