

U.S. Forest Service - Dixie Mountain, Plumas National Forest, California

Rehabilitation of Dixie Mountain Lookout

Project Overview

Sustainable Group key personnel performed on-site construction services to rehabilitate the historic Dixie Mountain Fire Lookout, originally built in 1928.

Reference

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Project Engineer
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Project Description

The Dixie Mountain Fire Lookout is remotely located within the Plumas National Forest at an elevation of 8,327 ft. The lookout was originally constructed in 1928 and has been used nearly continuously since then during the annual fire season.

This project rehabilitated portions of the lookout to maintain its structural integrity and enhance safety for fire lookout personnel. Specific elements of work included the removal of the existing roofing system and replacement with new sheathing and fire treated cedar shingles; the structural repair of the catwalk, stairway, and handrail in order to ensure long-term stability of the structure and to comply with applicable codes; access trail enhancements to meet OSHA standards; and the reconstruction of peripheral wooden stairs, walkways and handrails near the lookout structure. Sustainable Group personnel also oversaw the successful installation of a site specific lightning protection system completed by a U.S. Forest Service approved vendor.

This project presented many challenges due to the extreme remote location and high elevation. Construction materials had to be order well



Condition prior to project start



New stairway

Key Personnel Certifications

PE, LEED AP, PMP, CFM, QSD/
QSP

Sustainable Group is a Service
Disabled Veteran Owned Small
Business Corporation.



New roof



New catwalk

in advance of the construction schedule and then were hand delivered via a narrow walking path to the site. Additional rest and hydration breaks were also mandatorily enforced to enhance crew comfort and focus on the tasks at hand.

In the end, Sustainable Group completed this project on time, on budget, and most importantly without safety incident of any kind.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 22 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Energy, Department of Defense, Department of Transportation, and the Army Corps of Engineers.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.

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