



LEED Certified Goal

National Park Service Paradise Inn

MOUNT RAINIER, WASHINGTON

Services

MEP Engineering
Fire/Life Safety
Lighting

FAST FACTS

Architect

Fletcher Farr Ayotte

Completion

June 2008

Building Size

66,000 sf

Project Cost

\$16 million

Contact

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Picture a pristine forested mountain retreat in 1917 with a summer-built Northwest rustic-style lodge at 5,600'; two massive stone fireplaces flanking the towering lobby whose gabled roof is held upright by exposed logs; lighting fixtures reminiscent of the 1920s. Then picture what happens over almost 90 years of snow melt runoff washing past, around, then through the foundation, topped off by the magnitude 7.2 Nisqually earthquake. Add your ordinary wear and tear, and you have improvement upon improvement resulting in a hodgepodge of fixes and fixtures, each unrelated to the original design or each other.

To overcome this, the design team worked with the park's objectives of honoring the past while improving the structure. Interface Engineering, committed to restoration standards and functional integrity, was able to design systems that not only conserved energy, but also support integrity of the building's historic design.

We expect the new systems to save a lot on maintenance cost. It is evident that Interface is knowledgeable about what they are doing, and it was a pleasure working with their engineers.

STEVE WILSON, CHIEF OF MAINTENANCE FOR
MOUNT RAINIER GUEST SERVICES, INC.



Interface Engineering replaced the steam heaters with new glycol system heaters, reducing their visual impact and allowing visitors to appreciate the building's historical structure.