



## PERSONNEL PROFILE

# Douglas Gadow, PE, SE

SENIOR PRINCIPAL ENGINEER



### AREAS OF EXPERTISE

- Existing Buildings
- Public and Recreation Structures
- Snow Loading and Effects
- Earthquake Engineering
- Historic Preservation
- Damage/Failure Investigation
- Treehouses, Challenge Courses, Ziplines

### PROFESSIONAL EXPERIENCE

- Founder of Linchpin Structural Engineering, Inc.
- 16 years engineering.
- 10 years residential and commercial builder.

### NOTABLE PROJECTS

- On Call Historic Structural Engineer – California State Parks, Northern Service Center
- Alder Creek Activity Center – Nordic Ski Lodge for Tahoe Donner Association, Truckee, CA
- Structural Rehabilitation of Historic Wawona Hotel, Yosemite National Park
- Fort Cronkite Historic District at Golden Gate Rec Area
- Numerous commercial and residential structures for snow, earthquake, or fire damage, California and Nevada
- Testimony at trial – several California trials for construction issues
- North Lake Tahoe Fire Protection District Station 11 Concrete Floor Investigation, Incline Village, NV

### AWARDED PROJECTS

- Award for Historic Preservation from California Governor Schwarzenegger, 2007 – Awarded to California DPR for Rehabilitation of Crystal Cove Historic District at Crystal Cove State Park, California.
- Historic Preservation Design Award from California Preservation Foundation, September 2007 – Harden Wind Engine Restoration, Salinas, California.

### PUBLICATIONS

- *Seismic Strengthening of a Four-Story Nonductile Concrete Flat Slab Structure* – ASCE Structures Congress
- *Considerations for Above Grade Residential Garages* – Structure Magazine, September 2016.

### EDUCATION

- Bachelor of Science in Civil Engineering, Seattle University
- Master of Science in Structural Engineering, University of California, Berkeley

### CERTIFICATIONS

- Structural Engineer
  - California No. 5096
  - Nevada No. 19474
  - Utah No. 7939225
  - Hawaii No. 15442
- Civil Engineer
  - California No. 64994
  - Washington No. 52558

### PROFESSIONAL AFFILIATIONS

- ASCE 7- Snow Load Committee
- CATT Community Projects Board
- Truckee Planning Commissioner
- Past chair – Truckee HPAC
- Structural Engineering Institute
- Truckee Tahoe Engineers Assoc'n
- California Preservation Foundation

### CONTACT INFORMATION

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