



### **Education**

M.S., Structural Engineering,  
Stanford University

B.S., Civil Engineering,  
University of Colorado at Boulder

### **Professional Licenses**

NCEES Record MLSE-44826

Licensed Structural Engineer:  
Oregon - 91454  
California - S6050

Licensed Civil Engineer:  
Oregon - 91454  
Washington - C54083  
California - C77154  
Colorado - PE43285

### **Professional Credentials**

US Resiliency Council  
Certified Rater  
LEED AP, BD+C

Cal OES Post Disaster Safety  
Assessment Evaluator

### **Professional Memberships**

American Society of Civil Engineers  
(ASCE/SEI Sustainability Committee  
Member)

Structural Engineers Association of  
Oregon (SEAO)

Carl Kloos is a Vice President at Kurt Fischer Structural Engineering, and leads KFSE's Portland Office. Prior to KFSE Mr. Kloos was a Project Manager at Nabih Youssef Associates. Over the last seventeen years Mr. Kloos has been involved with the structural design of a wide variety of projects, including adaptive re-use, multi-family residential, commercial, high-end residential, educational, hospitality, military, infrastructure, and healthcare.

### **Selected Project Experience**

- Woodlark and Cornelius Hotel, Portland, OR
  - Managed construction administration for the seismic retrofit of two historic structures in downtown Portland. The Cornelius is a 7-story URM structure built in 1908 and the Woodlark is a 10-story reinforced concrete structure built in 1912.
- The Bloc, Los Angeles, CA
  - Management of construction documents and construction administration for \$180 million renovation of an office tower, hotel tower, and parking garage.
- Christ Cathedral (formerly Chrystal Cathedral), Garden Grove, CA.
  - Management of construction document preparation for renovations to this iconic Philip Johnson designed cathedral.
- Edison Lofts, Long Beach, CA
  - Management of seismic upgrade/adaptive re-use of 10 story structure with 2 level penthouse addition.
- LBA Meta Housing, Long Beach, CA
  - Design/CA for 170,000 sq. ft. senior housing facility.
  - 5-Stories of wood construction over a 2-story concrete podium.
- 12777 W Jefferson, Los Angeles, CA
  - Design/CA for core and shell upgrade and tenant improvement to two story office building.
- Saint Monica Community Center, Santa Monica, CA
  - Design/CA for Steel framed community center and three levels of below grade parking garage.
- 1303 Wellesley, Los Angeles, CA
  - 5-story wood framed apartment building on concrete podium.
- [Name Withheld], Los Angeles, CA
  - Structural evaluation and retrofit/repair recommendations of 16 story concrete shear wall building with deficient PT slabs.
- Dodger Stadium, Los Angeles, CA
  - Design of site improvements & concessions buildings.
- Regimental Headquarters, Camp Pendleton, CA
  - Two story masonry/steel structure for NAVFAC.
- Broadway Trade Center, Los Angeles, CA
  - Feasibility Study for adaptive re-use and structural upgrade.
- Aspen Music School Upper Bridge, Aspen, CO
  - Analysis and design for this 60' steel arch bridge supporting vehicular traffic.
- Elk Mountain Lodge, Aspen, CO
- Aspen Area residences: Newberger Residence (Aspen, CO), Lot 5 Residence (Aspen, CO), Weese Residence (Carbondale, CO), Ettlinger Residence (Aspen, CO), Axtell Residence (El Jebel, CO), Creekside Residence (Old Snowmass, CO)