

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
Washington - 54083
California - S6050

Licensed Civil Engineer:
Oregon - 91454
Washington - 54083
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 joining 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.

Existing Building Evaluation, Renovation, & Retrofit 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.
- Cascadian Terrace, Portland, OR
 - Renovation and ASCE 41 Tier 2 evaluation for reinforced concrete 103 unit apartment building.
- 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.
- 700 S. Main St (Dearden's), Los Angeles, CA
 - Project manager for design of adaptive re-use and voluntary seismic upgrade of 4-story URM structure in downtown LA.
- 12777 W Jefferson, Los Angeles, CA
 - Design/CA for core and shell upgrade and tenant improvement to two story office building currently used as LA Headquarters for Facebook.
- [Name Withheld], Los Angeles, CA
 - Structural evaluation and retrofit/repair recommendations of 16 story non-ductile concrete shear wall building with deficient PT slabs.
- Pier 70 Building 104, San Francisco, CA – Design of seismic retrofit for historic 1896 4-story URM building.
- LA Country Club, Los Angeles, CA – Seismic Evaluation and Upgrade using ASCE 41.
- The Bevill Building, Beverly Hills, CA – ASCE 31 Evaluation and PML.
- Broadway Trade Center, Los Angeles, CA – Feasibility Study for adaptive re-use and structural upgrade.
- 2221 Rosecrans, El Segundo, CA – Design and CA for core and shell upgrade and tenant improvement to two story office building.
- Elk Mountain Lodge, Aspen, CO – Design engineer for renovation to accessory buildings at Elk Mountain Lodge Campus for conversion to private residence.
- Multicare Offices, Tacoma, WA – Retrofit for existing medical office building.

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Multi-Family Experience:

- 15 S. Hope Ave, Santa Barbara, CA
 - Managed design for 46 unit apartment building. 3 levels Type VA construction over 1-level podium with 1 level below grade parking.
- 627 Dillon St, Los Angeles, CA
 - Managed design for 30 unit apartment building.
 - 3 levels Type VA construction over 1-level concrete podium with 1 level below grade parking.
- Long Beach Senior Arts Colony, Long Beach, CA
 - Design/CA for 170,000 sq. ft., 200-unit senior housing facility.
 - 5-Stories of wood construction over a 2-story concrete podium.
- 1303 Wellesley, Los Angeles, CA
 - 5-story wood framed apartment building on concrete podium.
- 1168 S. Barrington, Los Angeles, CA
 - Lateral design for this 70' tall wood framed apartment building.
- See above for multi-family retrofit projects.

Hospitality:

- Cipriani Hotel, Beverly Hills, CA – Design and CA for hotel renovation.
- Loews Hollywood Hotel – Design and CA for renovation and feature stair.
- Waldorf Astoria @ The Beverly Hilton, Beverly Hills, CA
 - Conceptual design for this 13-story concrete shear wall tower with below grade parking and steel framed conference center.

Commercial Experience:

- Saint Monica Community Center, Santa Monica, CA
 - Design/CA for Steel framed community center and three levels of below grade parking garage.
- Dodger Stadium, Los Angeles, CA
 - Design of site improvements & concessions buildings.
- Cedars Sinai Pipe Bracing (Los Angeles, CA)
- Aspen Music School Upper Bridge, Aspen, CO
- Center for Spiritual Living (Seattle, WA)
- S. Seattle Community College PSIEC (Seattle, WA)

Governmental Experience:

- Long Beach Courthouse, Long Beach, CA
 - Design of foundation above liquefiable soil for new 550,000 sq. ft. courthouse in downtown Long Beach.
- Regimental Headquarters, Camp Pendleton, CA
 - Two story masonry/steel structure for NAVFAC.
- Grand Park Amenity Structures, Los Angeles, CA

Custom Residential Experience:

- Crestone Residence (Ventura, CA)
- Ritz Cove Residence (Dana Point, CA)
- Newberger Residence (Aspen, CO)
- Lot 5 Residence (Aspen, CO)
- Weese Residence (Carbondale, CO)
- Ettliger Residence (Aspen, CO)
- Axtell Residence (El Jebel, CO)
- Creekside Residence (Old Snowmass, CO)