



**Derek Wavering, S.E  
Principal**

17547 Ventura Blvd. Suite 302  
Encino, Ca 91316

## Education

B.S., Structural Engineering,  
California Polytechnic State  
University of San Luis Obispo

## Professional Licenses

Licensed Structural Engineer,  
California,  
SE -6239  
C-79107

## Professional Memberships

Civil Engineers (ASCE)  
Structural Engineers  
Association of California  
(SEAO)  
Urban Land Institute (ULI)  
American Institute of Steel  
Construction (AISC)

## Awards

2009 Hollywood  
Palladium Seismic Upgrade  
and Restoration – Los  
Angeles Conservancy and  
Preservation Award

Derek Wavering is a Principal at Kurt Fischer Structural Engineering. Over the last eleven years Mr. Wavering has been involved with the structural design of a wide variety of projects, including high-rise, residential, commercial, hospitality, institutional, and seismic retrofit work with some of the most recognizable architectural firms in the world.

## Historic Preservation and Seismic Evaluation and Rehabilitation

- Historic Hollywood Palladium - Hollywood, CA - COE Architects
  - 2009 LA Conservancy Preservation Award
  - Rose clear height above stage by demoing half of the original 120 ft. span wood trusses and attaching new steel segmented trusses.
  - Seismic retrofit to existing structure
  - 2000 sq. ft. addition to the back of structure
- 448 S. Hill St. – Los Angeles, Ca
  - Seismic retrofit to existing historical 13 story building and addition of two story rooftop Perch restaurant.
- 15,000 sq. ft. A. Quincy Jones Residence – Los Angeles, Ca. - Marmol Radziner
  - 1920's Coate residence remodeled by A. Quincy Jones in the 1950's. Renovations and seismic retrofit to existing main residence, guest house and pool house. Design of new pile supported tennis court.
- Playa Jefferson Creative Campus – Playa Vista, CA - Gensler
  - Seismic rehabilitation and renovation to 200,000 sq. ft. creative campus
- 1248 S. Figueroa St. - Los Angeles, CA
  - Seismic rehabilitation and adaptive re-use to 50,000 sq. ft. retail space
- 517 W.7<sup>th</sup> St. - Los Angeles, CA – Killefer Flammang Architect
  - Seismic rehabilitation and renovation to existing 4-story to create retail, restaurant and upper residential unit.
- Van Nuys Government offices – Los Angeles, Ca
  - Performed ASCE tier I and II analysis and reports on 2 4-story steel government office structures.
- 3501 Cahuenga Blvd – Los Angeles, Ca – DBB Architects
  - Seismic retrofit to existing masonry shear walls and new opening penetrations
- 1154 Robertson Blvd. – Los Angeles, Ca - R&A Architecture
  - Renovations, seismic rehabilitation and change of occupancy to existing single story bow string truss masonry building.
- Varitas Properties Portfolio PML Studies – San Francisco
  - Performed gravity and seismic PML reports for 95 apartments and mixed-use structures varying from 4 to 20 stories for Varitas property portfolio.

## Commercial Project Experience

- Dodger Stadium, Seismic Retrofit/Adaptive Reuse, Los Angeles, CA
  - Coordinated with mechanical and architectural to locate and analyze the effects of 40 new duct and door openings in the existing concrete shear wall lateral system of Dodgers Stadium.
  - Proposed strengthening schemes for locations where openings left the original system inadequate.
  - Completed 2013
- Stanford Hospital Garage and Assembly - Palo Alto, CA – Raphael Vinoly
  - 5 level post-tensioned concrete shear wall garage including a landscaped rooftop with assembly rating and two single story steel moment frame assembly halls.



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### Commercial Project Experience (Continued)

- Hines La Jolla Commons Office Tower II - La Jolla, CA - AECOM
  - 13 Story and two subterranean level two-way concrete shear wall slab structure with concrete shear wall elevator core system.
- Grand Avenue - Los Angeles, CA. – Gehry Partners LLP
  - 27-story PT concrete residential, hotel, residences and retail
- LA Metro Division 13 - Los Angeles, CA.
  - 200,000 sq. ft. bus parking and maintenance facility
- Malibu Village Renovations – Malibu, Ca – Marmol Radziner
  - Seismic rehabilitation and adaptive re-use to 50,000 sq. ft. retail space
- 920 Oakland Rd – San Jose, Ca – Terry J. Matin Associates
  - Seismic rehabilitation and adaptive re-use to 5,000 sq. ft. commercial space

### Multi Family & Mixed Use Project Experience

- 750 Harrison St – Principal - San Francisco, Ca – SIA Consultants
  - 9 story, 72 Residential Units, 1 commercial concrete PT mixed use structure
- 22 Franklin St. – Principal -San Francisco, Ca – SIA Consultants
  - 8 story, 54 Residential Units, 1 commercial concrete PT mixed use structure
- 430 Eddy St. – Principal - San Francisco, Ca – SIA Consultants
  - 9 story, 16 Residential Units, 1 commercial concrete mixed use structure
- 1335 Folsom – Principal - San Francisco, Ca - SIA Consultants
  - 6 story, 48 unit, 5 story type IIIA over type IA podium
- The Bixel – Los Angeles, Ca
  - 400 units, Two 16 story towers connected by 8 story bridge connection
- 5<sup>th</sup> & Harbor – Santa Ana, Ca – Charles Company
  - 98 residential units, 6 commercial units 4 story Mixed Use w/ 192 car parking structure
- 135 Hyde St. – Principal - San Francisco – Dolmen Property Group
  - 8 story and subterranean garage concrete post tensioned mixed use
- 1145 Polk St. – Principal - San Francisco – Dolmen Property Group
  - 5-story type III over 2-story type I mixed use structure and parking
- 1045 Dewey Ave – Principal - Los Angeles – Vanos Architects
  - 5-story type III over 1-story type I with 2 levels of subterranean parking
- 11262 W. Otsego St. – Project Manager - Los Angeles, Ca - DBB Architects
  - 49 unit, 5 story, 4 storied type VA over type 1 podium with 2 levels of subterranean parking
- 1016 N Martel Ave – Project Manager - West Hollywood, Ca – R&A
  - 15 unit, 3 story type VA over 27 stall subterranean parking structure.
- 1316 Wilshire Blvd – Project Manager - Los Angeles, Ca – Vanos Architects
  - 52 units, 6 story above grade, 5 stories Type IIIA over Type 1A podium and 2 levels of subterranean parking
- 7000 Melrose – Project Manager - Los Angeles, Ca – Vanos Architects
  - 40 units, 4 story above grade, 3 stories Type VA over Type 1A podium and 3 levels of subterranean parking
- 3822 24<sup>th</sup> St – Principal – San Francisco, Ca – SIA Consultants
  - 16 units, 6 story above grade, 5 stories Type IIIA over Type 1A podium and subterranean basement
- 2018 Webster – Principal - San Francisco, Ca – VOKIC Architecture
  - Renovation and full footprint basement addition to existing 4 story condos



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### Multi Family & Mixed Use Project Experience (Continued)

- 124 S. Croft Avenue – Project Manager - Los Angeles, Ca – Vanos Architects
  - 12 unit, 5 Story Type IIIA over subterranean Type IA parking
- 3647 Hughes Ave. – Project Manager - Los Angeles, Ca – Vanos Architects
  - 10 unit, 5 Story Type IIIA over subterranean Type IA parking
- 3643 S. Empire Dr. – Project Manager - Los Angeles, Ca – Vanos Architects
  - 10 unit, 5 Story Type IIIA over subterranean Type IA parking
- 11478 Moorpark – Project Manager - Los Angeles, Ca – Vanos Architects
  - 9 unit, 4 Story Type VA over subterranean Type IA parking
- Cloverdale Apartment Complex - Project Manager - Los Angeles CA – Lorcan O'herlihy
  - 4 story Type VA apartment complex over subterranean concrete podium
- 5554 N. Radford Avenue – Principal – North Hollywood, Ca – Vanos Architects
  - 9 unit, 3 Story Type VA over 2 levels of subterranean Type IA parking
- 1148 N. Detroit – Project Manager – West Hollywood, Ca – Vanos Architects
  - 12 unit, 4 Story Type VA over subterranean Type IA parking
- 20247 Saticoy St. – Principal – Los Angeles, Ca – Vanos Architects
  - 50 unit, 5 story type IIIA over type I subterranean basement
- 1546 Orange Grove – Principal – Los Angeles, Ca – Vanos Architects
  - 55 unit, 5 story type IIIA over type I 3 levels of concrete
- 854 Westmount Drive- Principal - Los Angeles CA – Lorcan O'herlihy
  - 2 story Type VA apartment complex over subterranean concrete garage

### Custom Residential Project Experience

- 332 Bel Aire Rd. – 35,000 sq. ft. – Principal - LA, Ca - Foster + Partners
- Sunset Plaza- 20,000 sq. ft. – Project Manager – LA, Ca – Belzberg Architects
- 935 Bel Air Rd – 20,000 sq. ft. – Principal – LA, Ca – Marmol Radziner
- 1000 Stone Canyon – 10,000 sq. ft. – Principal - LA, CA – XTEN Architects
- 2070 Nichols Canyon Rd - 20,000 sq. ft. – Principal - LA, Ca – Mark Smith Architecture
- NDA – Principal – LA, Ca – historic renovation of 15000 sq. ft. A Quincy Jones
- Arango Berry Residence- 10,000 sq. ft. – Project Manager – LA, Ca – Marmol Radziner
- 1213/1223 Amalfi Dr. – 10,0000 sq. ft. – Principal – LA, CA – McAlpine
- 1422 Devlin Dr. - 18,000 sq. ft. – Project Manager – LA, Ca – XTEN Architects
- 9265 Robin Dr. - 10,000 sq. ft. – Project Manager – LA, Ca – XTEN Architects
- 1000 Stone Canyon - 11,000 sq. ft. – Project Manager – LA, Ca – XTEN Arch
- 595 E. Channel Dr. – 12,000 sq. ft. – Project Manager – LA, Ca – Marmol Radziner
- Lagunita- 8,000 sq. ft. – Project Manager- Laguna Beach, Ca – Canon
- 1020 N. Carolyn Way – 16,000 sq. ft. – Project Manager, Beverly Hills, Ca – Vanos
- 260 Canyon View Parcel B – 19,000 sq. ft. – Project Manager, Beverly Hills, Ca – Vanos
- 650 N. Bonhill Dr. - 11,000 sq. ft. – Project Manager – LA, CA – WHY Architecture
- 260 Canyon View Parcel A – 11,000 sq. ft. – Project Manager, Beverly Hills, Ca – Vanos
- 311 Orchid Rd - 6,000 sq. ft. – Principal – Corona Del Mar, Ca – Rost Architecture
- 613 Santa Clara – 5,000 sq. ft. – Project Manager – LA, Ca – Marmol Radziner
- Bowmont – 20,000 sq. ft. – Project Manager - LA, Ca – Vanos Architects
- 1020 Carolyn Way – 16,000 sq. ft. – Project Manager – Beverly Hills, Ca – Vanos Arch.
- Lilac Drive Residence - 5,000 sq. ft. – Project Manager - Montecito, CA. – Marmol Radziner
- 3581 Wasatch Ave– 5,000 sq. ft. – Project Manager - LA, Ca – Marmol Radziner
- 3560 S. Frances Ave. – 5,000 sq. ft. – Project Manager - LA, Ca – Marmol Radziner
- 443 Belagio Terrace. –3,500 sq. ft. – Project Manager - LA, Ca – Marmol Radziner



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- 1110 Maytor Pl – 4,000 sq. ft. – Project Manager -Beverly Hills, Ca – Marmol Radziner
- 1245 Palms Blvd – 3,500 sq. ft. – Project Manager -Venice, Ca – Marmol Radziner
- 720 Angelus Place - 5,000 sq. ft. – Project Manager - LA, Ca – Marmol Radziner
- Duncan St – 5,000 sq. ft. – Principal – San Francisco, Ca – SIA Consultants
- 945 Berkeley St. – 7,000 sq. ft. – Project Manager -Santa Monica, Ca – Marmol Radziner
- 1365 Preston Way – 5,500 sq. ft. – Project Manager -LA, Ca – Marmol Radziner
- 233 State St. – 3,500 sq. ft. – Principal – San Francisco, Ca – SIA Consultants
- 22 Ord Court– 3,500 sq. ft. – Principal – San Francisco, Ca – SIA Consultants

## Residential Small Lot Subdivisions

- 2901 W. Waverly Dr. – 7 SLS homes - Project Manager – LA, CA – Vanos Architects
- 241 N. Union Ave. – 16 SLS homes - Project Manager – LA, CA – Vanos Architects
- 1025 N. Wilcox Ave. – 12 SLS homes - Project Manager – LA, CA – Vanos Architects
- 1434 Sycamore – 4 SLS homes - Project Manager – LA, CA – Vanos Architects
- 953 Wilcox Ave. – 6 SLS residences – Project Manager – LA, CA – Vanos Architects
- 1217 N. Mansfield Ave. – 4 SLS residences – Project Manager – LA, CA – Vanos Architects
- 926 Hilldale – 3 SLS residences – Principal – LA, CA – Work Plays Architect

## Shoring Project Experience

- 40 Avenida Corona – Principal – Palos Verdes, Ca – Soil Nail Slope Stability Mesh
- 7000 Melrose – Project Manager – LA, Ca – 35 ft. excavation w/ tiebacks & underpinning
- 10773 Ashton Ave – Project Manager – LA, Ca – 12 ft. subterranean excavation
- 135 Hyde St. – Principal – SF, Ca – 15-20 ft. excavation, underpinning 8 story structures
- 1145 Polk St. – Principal – SF, Ca – 22 ft. excavation, tiebacks, underpinning 2 story
- 5554 N. Radford Avenue – Principal – LA, Ca – 24 ft. excavation raker & tiebacks
- 1045 Dewey Ave – Principal - LA, Ca – 24 ft. excavation raker & tiebacks
- 1546 Orange Grove – Principal – LA, Ca – 24 ft. excavation raker & tiebacks
- 20247 Saticoy St. – Principal – LA, Ca – 14 ft. excavation raker & tiebacks
- 124 S. Croft Avenue – Project Manager - LA, Ca – 20 ft. excavation raker & struts
- 11478 Moorpark – Project Manager - LA, Ca – 12 ft. excavation cantilevered shoring
- 3647 Hughes Ave. – Project Manager - LA, Ca – 13 ft. excavation cantilevered shoring
- 3643 S. Empire Dr. – Project Manager - LA, Ca – 13 ft. excavation cantilevered shoring
- 1016 N Martel Ave – Project Manager - West Hollywood, Ca – 18 ft. excavation raker
- 1154 Robertson Blvd. – Principal – West Hollywood, Ca – 15 ft. excavation raker & tieback
- 854 Westmount Drive- Principal - West Hollywood, Ca - 15 ft. excavation raker & tieback
- 430 Eddy St. – Principal – SF, Ca – 12 ft. excavation cantilever shoring
- 1422 Devlin Dr. - Project Manager – LA, Ca – 22 ft. excavation concrete cantilevered shoring
- 9265 Robin Dr. - Project Manager – LA, Ca – 28 ft. excavation concrete cantilevered shoring
- 1020 N. Carolyn Way –Project Manager - Beverly Hills, Ca – 15 ft. excavation
- 260 Canyon View Parcel B – Project Manager - Beverly Hills, Ca – 17 ft. excavation
- 945 Berkeley St. – Project Manager -Santa Monica, Ca – 12 ft. site wall shoring
- 1000 Stone Canyon - Principal - LA, Ca – 12 ft. site wall shoring