

RICHARD L. FLOWER

Civil Engineer

P. O. Box 1792, Canyon Country, CA 91386-1792 Cell: 818-201-7702

E-mail: rlflower@worldnet.att.net Web site: http://home.att.net/~rlflower/My_Business.html

- EDUCATION** California Polytechnic State University, San Luis Obispo
BS in Architectural Engineering, 1988. Dean's honor list Spring 1988.
- REGISTRATION** Licensed as a Civil Engineer No. C50638 in the State of California since 1993.
- EXPERIENCE** 20 years experience. Focus upon structural engineering of residential construction.

Private Consulting (1996 – Present)

Independent consultant for design professionals, developers, contractors and owner/builders on various construction projects thruout greater Los Angeles and Ventura County. Experience with on-site investigations and reports, structural design, building permits, seismic design, retrofit, specifications, design modifications and on-site structural observation. Well versed in current building code, common structural materials and practice, and alternative structural systems. Twelve years experience drafting for these projects using AutoCAD.

Experience with residential construction: Structural analysis and detailing of duplexes over parking garages and custom single-family residences, framed with wood or light-gage steel. Designed structural steel framing, steel moment frames and braced frames, metal and wood stud wall framing, subterranean walls, retaining walls, and foundations. Written specifications for structural steel, structural wood framing and structural concrete. Developed extensive personal library of structural AutoCAD details for structural steel, wood framing and structural concrete.

Welding Unlimited, Inc. (2009-present)

Sole engineer of all-steel construction design-build projects. Responsible for complete structural design, orchestration and presentation.

Brandow & Johnston Associates (1991-1998)

Seven years structural design experience as a structural designer, responsible for all phases of project development, orchestration and presentation: preliminary on-site investigation, structural design and modification, seismic design and retrofit. Focused upon design of schools, hospitals and office buildings.

Ross Downey & Associates (1988-1990)

Two years structural design experience. Responsible for project development, structural design and modification. Focused upon design of condominiums and apartment complexes.

Experience with residential construction: Structural analysis and detailing of wood-framed condominiums and apartments on concrete decks over parking garages.

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PROJECTS

Private Consulting

Commercial, retail and residential projects in the following jurisdictions: City of Los Angeles, City of Santa Monica, City of Burbank, City of Malibu, City of Beverly Hills, City of Oxnard, Los Angeles County, and Ventura County.

The following are a small sample of the projects I have designed as a private consultant:

Project: Duplex: Two-story wood-framed structure with steel truss and steel beams over CMU-walled subterranean garage

Address: 846 Huntley Drive, West Hollywood, CA.

Project: 18-unit apartment complex: 4-story wood structure on concrete deck over 1-level CMU walled parking garage

Address: 12325 West Moorpark Street, Studio City, CA.

Project: Lateral analysis of a two-story commercial/ residential structure and two stand-alone garages - Wood-framed roof supported by CMU block walls

Address: 11 Lincoln Drive, Ventura, CA.

Project: Duplex: 2-story wood-framed structure over slab-on-grade

Address: 800 North Harper Street, Los Angeles, CA.

Projects: Custom designed two-story wood-framed single-family residences:

Address: 5087 Marmol Drive, Woodland Hills, CA.

Address: 544 and 548 Crescent Heights Blvd., Los Angeles, CA.

Address: 6357 West 5th Street, Los Angeles, CA.

Address: 2463 Archilles Drive, Los Angeles, CA.

Address: 5140 Seabreeze Way, Oxnard, CA.

Address: 4689 Northridge Drive, Somis, CA.

Project: Addition to a wood-framed single-family residence with a bolted wood roof truss

Address: 6609 Arozana Lane, Carpinteria, CA.

Project: Modifications to a two-story wood-framed single-family residence, utilizing a plywood box beam

Address: 2155 Upper Ranch Road, Thousand Oaks, CA.

Project: Conversion of a wood-framed barn into a single-family residence

Address: 10976 Alto Court, Oak View, CA.

Project: Design of anchorage for stone veneer supported by light gage steel studs in interior corridor

Address: 6922 Hollywood Blvd., Los Angeles, CA.

Project: Remodel of Furniture Showroom - design of a tall parapet supported by a steel frame

Address: 420 North La Brea, Los Angeles, CA.

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REFERENCES

Welding Unlimited, Inc.
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(Present employer -
please do not contact)

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