

August 1995 to May 2000

FLORIAN BARTH & ASSOCIATES

195 Glenn Way, Suite #200

San Carlos, CA 94070

(650) 631-6888 Fax (650) 631-6886

SENIOR CHIEF ENGINEER:

As "*Senior Chief Engineer*", in principal charge of FBA's "*Engineered Demolition Division*", I proposed engineered demolition and/or temporary support methodologies, prepared cost estimates, and performed formal engineered demolition procedures for private, county, and state DOT (Caltrans) bridge demolition and seismic retrofit projects. Duties also included supervising detailing and engineering personnel assisting in the preparation of demolition sequence drawings and equipment loading calculations.

In addition, I performed as an on-site consultant and/or resident engineer to the project specific demolition sub-contractor, reviewing and supervising, as required, the actual demolition procedures and/or installation and pre-load jacking operations for temporary support systems.

June 1989 to August 1995

JR ENGINEERING & STRUCTURES

1691 Maryland Street

Redwood City, CA 94061

(650) 364-1262

CONSULTING ENGINEER:

As "*Consulting Engineer*" and principal owner of JRE&S, I performed complete structural and seismic design analysis for various types of new and existing residential and commercial projects, predominately in San Francisco, San Mateo, and Santa Clara Counties. I performed structural forensic reviews, prepared written engineering evaluations and developed corrective retrofit designs for existing damaged structures.

In addition, I was exclusively contracted by Bijan, Florian & Associates, Inc., Structural Engineering Consultants, to perform on-site forensic reviews and seismic retrofit designs for existing buildings following the 1989 Loma Prieta and 1994 Northridge earthquakes.

By October 1992, the majority of my consulting efforts were extensively directed toward contracts with BFL/OWEN (previously BFL), as a "*Senior Chief Engineer*", proposing and preparing engineered demolition procedures and/or temporary support methodologies for Caltrans bridge demolition and/or seismic retrofit projects. Duties included performing as an on-site consultant/resident engineer, reviewing and supervising, as required, the actual demolition procedures and/or installation and pre-load jacking operations for temporary support systems.

January 1988 to June 1989

NEIL MOORE & ASSOCIATES

4536 French Creek Road

Shingle Springs, CA 95682

(916) 677-4308

PROJECT ENGINEER:

As "*Project Engineer*" I was in principal charge of all projects assigned to me with the responsibility of maintaining a professional client contact, performing complete structural and seismic design analysis for residential and commercial projects. I performed structural forensic reviews of existing damaged structures, prepared written engineering evaluations, cost estimates and project contracts, developed corrective retrofit designs, and performed on-site special inspections and construction supervision, as required, to expedite the completion of a specific project. In addition, I performed engineering plan checks for all residential projects within the Town of Woodside, CA, as required by NMA contract agreement with the Town of Woodside Building Department.

January 1983 to January 1988

VSL CORPORATION

1671 Dell Avenue
Campbell, CA 95008
(408) 866-5000

WESTERN DIVISION ENGINEER:

As "*Western Division Engineer*" I was in principal charge of the development of structural design procedures, training and management of engineering & detailing staff, and engineering designs performed by three west coast branch offices specializing in the structural design analysis of prestressed (post-tensioned) concrete commercial and residential projects. I performed structural design analysis of numerous multi-million dollar post-tensioned concrete hotel, office, parking, and subterranean condominium structures. Additional structural designs included slab-on-ground designs for residential and commercial project applications.

In addition, I performed on-site engineering reviews and special assistance troubleshooting for the placement of mild reinforcement, prestressing tendons and anchorages, prior to final concrete placement and/or during post-concrete placement tendon stressing operations. Additional special assistance troubleshooting duties included making assessments of field problems related to prestressing tendon placement and/or stressing operations, and prepared timely solutions for immediate remedial action.

VSL Corporation placed me in principal charge of the initial design, development, testing, and final distribution and implementation to all VSL (USA) engineering offices of a new, state-of-the-art, prestressed concrete design software package entitled, "ADAPT" (Advanced Design Applications in Prestressing), written by Dr. Bijan Aalami of Bijan, Florian & Associates, Inc. The "ADAPT" software proved to be so successful that enhanced versions have since been widely marketed and distributed by Dr. Aalami to a vast number of engineering firms throughout the United States and International engineering communities.

January 1981 to October 1982

WATRY DESIGN GROUP

815 Hamilton Street
Redwood City, CA 94603
(650) 298-8150

PROJECT ENGINEER:

As "*Project Engineer*" I performed complete structural design analysis of prestressed (post-tensioned) concrete commercial and residential projects. In addition, I performed on-site engineering reviews and special assistance troubleshooting for the placement of mild reinforcement, prestressing tendons and anchorages, prior to final concrete placement and/or during post-concrete placement tendon stressing operations.

April 1979 to January 1981

HUGH B. BREWSTER ENGINEERING

1975 Hamilton Avenue
San Jose, CA

PROJECT ENGINEER:

As "*Project Engineer*" I performed complete structural design analysis of light wood framed residential and commercial projects.

June 1977 to April 1979

VSL CORPORATION

1671 Dell Avenue
Campbell, CA 95008

PROJECT ENGINEER:

As "*Project Engineer*" I performed complete structural design analysis of prestressed (post-tensioned) concrete commercial and residential projects. In addition, I performed on-site engineering reviews and special assistance troubleshooting for the placement of mild reinforcement, prestressing tendons and anchorages, prior to final concrete placement and/or during post-concrete placement tendon stressing operations.

October 1976 to June 1977

BECHTEL CORPORATION

50 Beale Street
San Francisco, CA

NUCLEAR PIPE SUPPORT ENGINEER:

As "Nuclear Pipe Support Engineer" I performed computer (STRUDL) modeling and analyses for specially configured structural steel small and large bore nuclear class pipe supports and rupture restraints for the Limerick, Pennsylvania, Nuclear Power Plant Pipe Support Design Group.

August 1975 to October 1976

PULLMAN KELLOGG COMPANY

P.G.& E. Diablo Canyon
Nuclear Power Plant
Avila Beach, CA

NUCLEAR PIPE SUPPORT ENGINEER:

As "Nuclear Pipe Support Engineer" I performed on-site design analysis of small and large bore nuclear class pipe support configurations. I provided engineering assistance during pipe support installations and prepared final "As-Built" documentation of those installations.

PERSONAL REFERENCES:

Richard Renfro: Chief Building Official (City of Elk Grove, CA) (Retired)

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Tony Creter: Chief Building Official (County of Alpine, CA)

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Randy Gibson: Chief Building Official (County of Alpine, CA) (Retired)

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Neil Moore: Structural Engineer (Neil Moore & Associates, Shingle Springs, CA)

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Jon Sampson: Structural Engineer (Roseville, CA)

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