



Starling Madison Lofquist, Inc.
Consulting Structural and Forensic Engineers

5224 South 39th Street, Phoenix, Arizona 85040
tel: (602) 438-2500 fax: (602) 438-2505 www.smleng.com

Peter B. Lofquist, P.E., S.E.
email; plofquist@smleng.com

CURRICULUM VITAE

- **Serving since 1986 as a structural engineer, designing a broad spectrum of projects and providing a variety of forensic analyses.**

PROFESSIONAL EXPERIENCE:

2007 TO PRESENT: STARLING MADISON LOFQUIST, INC.
Phoenix, AZ (Principal Partner)

2001 TO 2007: STARLING & ASSOCIATES, INC.
Phoenix, AZ (Associate)

STRUCTURAL ENGINEER / Associate / PRICIPAL Partner, of this full service structural engineering company, fka RADER-STARLING & ASSOCIATES, an Arizona Corporation; company specializes in;

- Design and analysis of commercial, industrial and residential structures of timber, concrete, masonry and steel building materials
- Forensic engineering of structural building failures or problems
- Insurance claim investigations
- Construction inspections
- Custom residential designs
- Concrete restoration
- Fiber Reinforced Polymer reinforcing of existing concrete, steel and timber structures
- Foundation stabilization, remediation and under-pinning

Current and recently completed projects include the design and detailing of industrial and manufacturing facilities, commercial retail and office buildings, custom residential structures, forensic studies and failure investigations. A sampling of these projects follows:

Forensic Studies and Failure Investigations:

- Villages at Westbrooke; Balcony failure investigation and repair
- Toyota Lift, Phoenix; Concrete tilt panel deterioration investigation and repair
- Redburn Tire Company, Phoenix; Masonry wall deterioration and repair
- Highland Medical Plaza, Phoenix; Pre-cast concrete double tee failure investigation, repair and reinforcing.
- Scottsdale Shadows, Scottsdale; Concrete repair and reinforcing at under-ground parking garage.

Retail / Commercial Office:

- San Tan Village, Phase III; Gilbert, AZ
- Cactus & Hayden Professional Office Complex; Scottsdale, AZ
- Anthem Shops & Ace Hardware; Anthem, AZ
- Vanni Properties Office Plaza; Gilroy, CA
- Maria's Spa and Retail Center; Morgan Hill, CA

**1998 to 2001: Martin, Peltyn & Gordon
Phoenix, AZ**

STRUCTURAL ENGINEER, for this structural engineering firm; company specializes in:

- Design of resort, commercial, educational, and industrial structures of concrete, masonry, steel and timber buildings.
- Construction inspections and site observations
- Forensic investigations

Completed projects include industrial and manufacturing, retail, commercial office space and specialty use projects. A sampling of these projects follows:

- Pointe Flamingo Professional Office Building, Phase III; Las Vegas, NV
- Yamaha / Suzuki of Arizona; Phoenix, AZ
- Market Streets at DC Ranch; Scottsdale, AZ
- Green Valley Ranch Parking Garage; Henderson, NV
- Gilbert Town Cinema; Gilbert, AZ
- Residential Tornado Damage Assessments, Moore, OK
- Cimarron – Robindale High School; Las Vegas, NV

**1993 TO 1998: Wallace Engineering
Tulsa, OK**

STRUCTURAL ENGINEER, for this structural engineering firm; specializes in:

- Commercial, industrial, education and nation wide chain retail structures of concrete, masonry and steel building materials.

Completed projects include nation wide chain retail, educational and cinema projects and forensic investigation of bridge structures over inland waterways. A sampling of these projects follows:

- Wal-Mart Supercenter; Homa, LA
- Wal-Mart Supercenter; Paris, TX
- Tulsa Community College; Tulsa, OK
- Ash Grove R-IV Schools, Ash Grove, MO
- Cinemark 24; Gates, NY
- Cinemark 24; Dallas, TX

1990 TO 1993: GK2, Inc.

Agana, Guam

STRUCTURAL ENGINEER, for this structural engineering company; company specializes in:

- Resort, commercial, educational and custom residential structures.

Completed projects include commercial retail, resort, educational and residential projects. A sampling of these projects follows:

- Manengon Hills Resort; Yona, Guam
- Fujitsu Hotel; Tumon, Guam
- Southern High School; Santa Rita, Guam
- ABC Bungee Jump Tower; Tumon, Guam

1986 to 1990: Anderson DeBartolo & Pan

Tucson, AZ

STRUCTURAL DESIGNER, for this architecture and engineering firm; company specializes in:

- High technology manufacturing, educational, special use, hospital and medical office facilities.

Completed projects include high technology, educational, special use, hospital and medical office facilities. A sampling of these projects follows:

- Shipley Chemical Manufacturing Facility; Massachusetts
- MIT-Lincoln Laboratories; Massachusetts
- IBM Manufacturing; Fishkill, NY
- Sands Classroom Building; ASU West Campus; Phoenix, AZ
- Cave Creek High School; Cave Creek, AZ
- China Lake Radar Detection Laboratory; China Lake, CA

**PROFESSIONAL
REGISTRATIONS:**

- Arizona Professional Engineer
Structural – No. 34629
- California Professional Engineer
Civil – No. C45937
- Guam Professional Engineer
Civil – No. 907
Structural – No. 996

EDUCATION:

University of Arizona; Tucson, Arizona:

- BSCE, Civil Engineering - 1986