



**Jesse Light, P.E., S.E., M. ASCE**  
**Principal / Structural Design Engineer**

**EDUCATION**

California State Polytechnic University, Pomona  
BS Mechanical Engineering, 2001

**PROFESSIONAL ENGINEERING REGISTRATIONS**

Arizona, PE & SE  
California, PE & SE  
Illinois, SE  
Nebraska, SE  
West Virginia, PE  
Iowa, PE  
Mississippi, PE  
North Dakota, PE  
Indiana, PE

**ORGANIZATIONS**

Engineers Without Borders  
American Architectural Manufacturers Association  
American Society of Civil Engineers  
Structural Engineering Institute

Serving as Principal / Structural Design Engineer for Starling Madison Lofquist, Inc. Vast experience in the design of aluminum, glass, steel and stainless steel, concrete, wood, and masonry structures. 7 years of custom and track home design, 12 years of solar thermal and solar PV support systems design for roof top and ground mount applications, 13 years of architectural guardrail and handrail design, 10 years of curtain wall, storefront, and sunshade design. 5 years of residential and custom pool design. Experienced in forensic analysis of structures with emphasis on bringing the structures into code compliance. Client-focused, delivering cost-effective and practical solutions. Strong focus on customer service and satisfaction began while working at the Hilton while in college and continues to this day by timely response and thorough initial designs. Experience in mechanical testing while in college, while working for Orbital Sciences and for current SML solar, pool and specialty clients.

**REPRESENTATIVE PROJECTS:**

▪ **ASU ISTB4** **Tempe, Arizona**

The Interdisciplinary Science and Technology Building is a 155 ft tall, nine-story building, with over 25,000 square foot of aluminum and glass curtain walls. Additionally, I designed the buildings 6 story aluminum sunshade and hundreds of linear feet of glass and stainless steel guardrails.

▪ **West 6<sup>th</sup> (Formerly Centerpoint Towers)** **Tempe, Arizona**

The downtown Tempe luxury high-rise apartments consist of 2 towers of 21 and 32 stories. The initial project stopped midstride and sat for 2 years while full height glass and aluminum walls and guardrails fell from the building. I investigated the condition of the walls and guardrails and provided code compliant and aesthetically pleasing retrofit repairs.

▪ **Phoenix Health Sciences Education Building** **Phoenix, Arizona**

HSEB is an eight-story 268,000 Square Feet biomedical campus for University of Arizona. My project scope consisted of the design of glass and aluminum curtain walls and punched windows, aluminum and copper clad sunshades, as well as, glass and stainless steel guardrails.

▪ **Smith Center for the Performing Arts** **Las Vegas, Nevada**

This multi-building complex includes the home of the Las Vegas Philharmonic. With 3 high end theaters and an education center the buildings are clad with a variety of architectural metals including brass, aluminum, stainless steel and glass. We designed hundreds of linear feet of interior and exterior guardrails under the very restrictive Cook County jurisdiction.

▪ **Microsoft Retail Store (fronts)** **Palo Alto, California;**  
**Corte Madera, California; Austin, Texas; Danbury, Connecticut**

These storefronts consist of floor to ceiling glass and aluminum. The project also consists of glass cabinetry.

▪ **The Watermark** **Tempe, Arizona**

Stainless Steel and Aluminum perforated panel cladding for bottom 9 floors of main building, bridge and parking structure, and 20 ft diameter cable suspended lighting ring at building entry.



**West 6th**  
**Tempe, Arizona**



**HSEB**  
**Phoenix, Arizona**



**ASU ISTB4**  
**Tempe, Arizona**