



## Structural Engineering Project



### SALT LAKE CITY LIBRARY Municipal Project

**Winner of the prestigious Precast Concrete Institute's Ascent Award for Best Public/Institutional Building**



#### PROJECT DESCRIPTION:

- ◆ McNeil Engineering Structural, L.C. had the honor of being the precast specialty structural engineer of record for all the precast elements for the award winning three-building Salt Lake City Library facility.
- ◆ The project included performing the structural and dimensional design of over 1300 custom fabricated precast concrete panels and all associated connections and elements. Each of the precast spandrel panels had a different warp angle between columns resulting in panels that had different radii at the top and bottom. Additionally, each column cover had separate warp and zenith angle from top to bottom.
- ◆ The panels and connections were structurally engineered by Matthew Roblez, S. E. in the United States of America and were fabricated under his direct supervision in Mexico City, Estados Unidos de Mexico. They were then shipped across international borders to Salt Lake City, Utah.



Matthew Roblez, SE, SECB  
Email: [matt@mcneileng.com](mailto:matt@mcneileng.com)  
801-255-7700 x. 128



Brian Warner, SE, LEED AP  
Email: [brian@mcneileng.com](mailto:brian@mcneileng.com)  
801-255-7700 x. 111