

November 27, 2023

## FOR IMMEDIATE RELEASE

## CONTACT: Laurel Goldammer, Marketing and Communications Manager, lgoldammer@mka.com

Todd Matthews, Content Editor, <a href="mailto:tmatthews@mka.com">tmatthews@mka.com</a>

## PERFORMANCE-BASED WIND DESIGN SELECTED FOR 2024 ASCE CHARLES J. PANKOW AWARD FOR INNOVATION

SEATTLE, WA — Magnusson Klemencic Associates (MKA) is pleased to announce the 321 West 6<sup>th</sup> Street design team, led by MKA Senior Principal Sean Clifton, PE, SE, and the American Society of Civil Engineers (ASCE) Wind Committee, led by Don Scott, PE, SE, F.ASCE, F.SEI, will share the 2024 ASCE Charles J. Pankow Award for Innovation for their collective efforts in developing and implementing Performance-Based Wind Design (PBWD).

MKA completed the structural design of 321 West 6<sup>th</sup> Street—a 671-foot-tall building in Austin, Texas, and the first project to implement PBWD into its design. As Structural Principal-in-Charge, Sean Clifton spearheaded the project, which used the ASCE/Structural Engineering Institute (SEI) methodology developed with Don Scott's direction. PBWD ushers in a new era for resilient, performance-based design that aims to enhance safety and reliability while reducing materials, costs, and embodied carbon in highrise structures.

In 2019, the ASCE/SEI Prestandard Committee, led by Don Scott, at that time a Senior Principal at PCS Structural Solutions and SEI President-elect, published the *Prestandard for Performance-Based Wind Design* as a recommended alternative to previously adopted and prescriptive procedures for wind design of buildings found in ASCE 7 and the International Building Code (IBC). The *Prestandard* calls for establishing performance objectives addressing occupant comfort level (e.g., detection of objectionable



building motion), serviceability (e.g., drift and motion), and strength and safety levels (e.g., building strength, damage potential, stability, and reliability). The MKA Foundation also supported the *Prestandard* research and development.

The ASCE Charles J. Pankow Award for Innovation recognizes the contributions of organizations working collaboratively to advance the design and construction industry by introducing innovation into practice. It was named for industry visionary Charles J. Pankow and instituted as an ASCE award in 2008. The 2024 ASCE Charles J. Pankow Award for Innovation will be presented during ASCE's OPAL Gala on October 8, 2024, in Tampa, Florida. This is the second time in 20 years MKA has received the honor. In 2004, MKA received the award for developing a Steel Plate/Composite Concrete Column Shear Wall System.

## MAGNUSSON KLEMENCIC ASSOCIATES

Magnusson Klemencic Associates (MKA) is an award-winning, 155-person structural and civil engineering firm founded in 1920 with offices in Seattle, Washington, and Chicago, Illinois. Serving clients worldwide, MKA has worked on projects in 48 states and 62 countries and individual projects in excess of \$2 billion. MKA's passion is creating structural systems for buildings of all shapes, sizes, and complexities, and civil site and infrastructure designs for architectural projects.