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THE WINNERS OF THE 9TH ANNUAL ACI EXCELLENCE IN CONCRETE CONSTRUCTION AWARDS

FARMINGTON HILLS, Mich (October 31, 2023) The ninth annual ACI Excellence in Concrete Construction Awards showcased dozens of innovative concrete projects from around the world.

The "Overall Excellence" award was presented to Quay Quarter Tower, located in Sydney, New South Wales, Australia. The winning concrete project also received first place in the repair and restoration structures category at the ACI Excellence in Concrete Construction Awards during the ACI Concrete Convention on Monday, October 30, 2023.

Located in the Central Business District of Sydney, Australia, Quay Quarter Tower is the world's tallest adaptive reuse project. Adaptive reuse refers to a transformation of use from a building's original purpose, while preserving its architectural and cultural heritage. In the case of Quay Quarter Tower, a 45-year-old concrete building was repurposed with partial demolition and the addition of new elements—expanding both the ground width and height of the original structure. The new upcycled tower is a 709 feet tall building using a mixture of material solutions that extend service life until 2070. The project overcame unprecedented structural engineering challenges with innovative solutions that have set a new global standard for the effective conservation and lifetime extension of tall concrete buildings. Through a rigorous assessment and verification process, this project is the world's first example of the adaptive reuse of a concrete skyscraper.

"The project was both innovative and creative, including adaptive reuse of an existing high-rise building," stated Overall Excellence judge Ronald G. Burg. "The project team of architects, engineers, and contractors addressed many unique challenges to deliver a world-class sustainable building."



Quay Quarter Tower, Sydney, New South Wales, Australia.

The awards were created to honor the visions of the most creative projects in the concrete industry, while providing a platform to recognize concrete innovation, technology, and excellence across the globe. To be eligible for participation in the ACI Excellence in Concrete Construction Awards, projects need to be nominated by an ACI Chapter, International Partner, or selected through self-nomination.

In addition to the highest honor, the "Overall Excellence" award, which was presented to the Quay Quarter Tower, additional projects recognized during the <u>ACI Excellence in Concrete Construction</u> Awards include:

- Repair & Restoration
 - o 1st Place: **Quay Quarter Tower,** in New South Wales, Australia.
 - 2nd Place: University of British Columbia MacLeod Engineering Building Renewal,
 Vancouver Campus, in Vancouver, British Columbia.
- Decorative Concrete
 - o 1st Place: North Bend Torguson Skatepark, in North Bend, WA, USA.
 - o 2nd Place: **Block G-1**, in Tampa, FL, USA.
- Low-Rise Structures
 - o 1st Place: **Bou You Rou, Sakai-shi,** in Fukui, Japan.
 - 2nd Place: Indian Institute of Technology Hyderabad; Biomedical Engineering, Biotechnology, and Management Building, in Hyderabad, Telangana, India.
- Mid-Rise Structures
 - 1st Place: Centro Cívico Universitario Bloque Rgd (University Civic Center), in Cundinamarca, Bogotá, Colombia.
 - 2nd Place: University of California San Francisco Nancy Friend Pritzker Psychiatry Building, in San Francisco, CA, USA.
- High-Rise Structures
 - 1st Place: Salesforce Tower Chicago, in Chicago, IL, USA
 - 2nd Place: The Reed at Southbank, in Chicago, IL, USA.
- Infrastructure
 - o 1st Place: I-74 Mississippi River Bridge, in Bettendorf, IA, USA
 - o 2nd Place: **Sixth Street Viaduct Replacement Project,** in Los Angeles, CA, USA.
- Flatwork
 - o 1st Place: Mountain Pass Lodge and Sliding Sports Facility, in Lake Placid, NY, USA
 - o 2nd Place: **11601 Wilshire**, in Los Angeles, CA, USA.

Honorable Mention: Bi-State Development Concrete Overlays, in St. Louis, MO, USA.

The winning project details can be found at ACIExcellence.org. Entries for the 2024 ACI Excellence in Concrete Construction Awards are being accepted now through April 29, 2024.

You can also vote for the 2023 People's Choice Award – an audience-driven award for the ACI Excellence in Concrete Construction Awards. Beginning October 30 and ending November 30, 2023, participants can judge and vote for their favorite concrete project entered in this year's ACI Excellence in Concrete Construction Awards. Following the completion of the voting period on November 30, the American Concrete Institute will announce the winning project of the People's Choice Award on ACI's official social media pages.

VOTE NOW

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For more information, contact:

Jose Carrasco
Marketing
248-848-3160
Jose.Carrasco@concrete.org

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