

# JASON LANGER, MIEAUST

## Vice President



### Summary

Jason Langer is a specialist structural and construction engineer, recognized globally for leading and delivering engineering solutions for large-scale and complex projects across Australia, Asia, the UK, Middle East, and the US. His project delivery experience includes high-rise commercial and residential towers, international airports, complex mixed-use projects, urban renewal and adaptive re-use precincts spanning many hectares. Jason is an industry leader in modern construction practices, methods, and innovations – including modular and prefabricated construction systems, having invented the patented Autobox modular system in 2023.

### Areas of Technical Expertise

- Construction Engineering
- Structural Design
- Modular Construction

### Education

- BEng., Civil Engineering, 1999, Queensland University of Technology

### Registrations

- Member Engineers of Australia (MIEAust)

### Professional Activities

- Member, Institute of Engineers Australia
- Member, New York Design Trust for Public Space
- Member, CVU New York City Chapter Board of Trustees

### Awards

- Best Tall Building, One Central Park, Sydney, CTBUH, 2014
- 10 Year Award (Australia), Lumiere at Regent Place, CTBUH, 2017
- Excellence in Construction, Greenland Centre, Sydney, CTBUH, 2022
- Excellence in Construction, Battersea Power Station Phase 2, London, UK, CTBUH, 2024

### Patented inventions

- AUTOBOX Modular System, 2023

### Select Project Experience

#### Construction Engineering

**The Torch**, New York City, NY. \* Construction engineering services for the construction of a 40-story hotel tower with a 400-foot core extension housing high-level restaurants, a viewing gallery, MEP plant rooms, and a “giant-drop” attraction.

**NY Climate Exchange**, New York City, NY. \* Construction engineering services for the design of two mass-timber academic building on Governors Island.

**Greenland Center Sydney**, Sydney, New South Wales, AUS. \* Construction engineering services for the renovation of a 67-story residential tower with podium parking and retail.

#### Structural Design

**One Central Park**, New York City, NY \* Short description starting with the service.

**Ephraim Island**, Gold Coast, Queensland, AUS. \* Structural design services for a \$300 million multi-building residential development comprising more than twenty buildings ranging from two to nine stories, founded on piles with single-story basement parking levels constructed below the water table.

**Dubai Airport Expansion Terminal 3**, Dubai, UAE. \* Structural engineering services for the redesign of terminal building floor plates and a three-level parking structure.

#### Modular Construction

**Soundstorm**, Riyadh, KSA. \* Structural engineering services for the design of an outdoor music festival venue.

**Single LEAP Defence Accommodation Phases 1 & 2**, South Wales and Queensland, AUS. \* Structural design and construction services for a three-story, 1,650-unit single-occupancy barracks accommodation program across more than 100 buildings at three separate defense sites.

\*Denotes work performed with previous employer.

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### Sworn Testimony

Deposition, Owners Corporation of Nexus Apartments (St Leonards, Sydney, Australia) vs. TWT Property Group, regarding structure encroachment onto adjacent property. September, 2013.

### Alternative Dispute Resolution

Dispute between property developer and adjacent land owner, alleging damages caused by adjacent land owner's contractor being delayed in completion of adjacent works. Counter-claim by adjacent landowner alleged delays were caused by poor site access controlled by the developer. Developed alternative site access strategy and construction methodology that resulted in both claims being dismissed. London, UK, June, 2019.

### Select Papers, Lectures and Publications

"Multi-Jump-Start Construction at Battersea Power Station Phase 2" - Council of Tall Buildings and Urban Habitat Global Congress, London, 2024.

"Sustainable Tall Towers of the Future" - Council of Tall Buildings and Urban Habitat Global Congress, Toronto, 2025.

"Building Tall Better" - presenter, New York Build Expo, 2026.

### CONTACT

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