

Quay Quarter Tower

Facts:

Project Name: Quay Quarter Tower

Location: 50 Bridge Street, Sydney, NSW; 2000 Australia

Type: Commercial Tower, Retail + Public Space Podium

Client: AMP Capital

Project Size: 102,000m²; 89,000m² commercial, 4,100m²

Project Site Area: 8,197m²

No. of Floors: 49 office floors; 3 Floors retail, 7 floors

Building Height:

Status: Built

Project Timeline:

Competition Start + Win: 2014

Construction: April 2018 – April 2022;

Completion: 2022

Embodied Carbon Saving: 12,000 metric tonnes (the equivalent of 33,000 Sydney – Melbourne flights or 8,800 Copenhagen to Sydney flights.)

Structural Retention: 65%

Core Retention: 90%

Additions: 4 additional lift/elevator shafts, scissor stair, double deck lift system

New Construction Area: approx.. 45,000m² (approximately double the former building's area)

Solar Radiance Reduction: 30% via sunshade hoods

3XN Team:

Design Leadership: Kim Herforth Nielsen, Fred Holt, Jeanette Hansen, Audun Opdal

Project Managers: Jeanette Hansen, Fred Holt, Gry Kjaer, Alyssa Murasaki Saltzgaber

Design Architect: Fred Holt

Façade Specialist: Torsten Wang

Key Team – Design Phase: Fred Holt, Louise Villumsen, Morten Norman Lund, Oskar Nordstrom, Sebastian le Dantec Reinhardt, Torsten Wang, Gry Kjaer, Alyssa Murasaki Saltzgaber

Key Team – Execution: Fred Holt, Alyssa Murasaki Saltzgaber, Torsten Wang, Jeppe Kongstad Hjort

Full Team: Alvin Kung, Andrew Le, Carlos Ramos Seidenfaden, Henrik Rømer Kania, Jeppe Kongstad Hjort, Jes Tonsgaard, Kasia Stachura, Louise Villumsen, Mads Herskind Møller, Maria Tkacova, Martin Rejnholt Frederiksen, Morten Andersen, Morten Norman Lund, Olaf Kunert, Oskar Nordstrøm, Rasmus Møller, Sam Sweeney, Sebastian le Dantec Reinhardt, Torsten Wang

Photography: Credits include in photo file names.

Collaborators:

Executive Architect: BVN

Contractor: Multiplex

Engineers; Structures: BG&E

Engineers; MEP: Arup

Landscape Architect: ASPECT Studios

Façade Consultant: Arup

Lobby + Market Hall Interiors: Design Research Studio (DRS)

Public Artwork: Studio Olafur Eliasson/Studio Other Spaces