

# Nanning ASEAN Tower

Nanning, China

ASEAN Tower is a 74-story, 346-meter-tall mixed-use tower located adjacent to Yongjiang River, distantly overlooking the historic town of Nanning. The tower provides 157,000 square meters of office, hotel and apartment space. Its dual structural system has an RC core and perimeter moment frames of steel spandrel beams and composite CFT columns. It is designed in a triangular plan with six mega columns at the three apices.

The facade belt trusses adopt a high-waist pattern, which not only serves as the optimal load path for transferring gravity column loads into the corner mega columns, but also elegantly expresses the structural efficiency into architectural esthetics. In addition, the trusses allow various column grids for apartment and hotel zones and column-free sky lobbies.

*Han Ding served as a project engineer during his tenure at SOM.*

