

Shanghai Taipingqiao Lot 126 and 127 Development

Shanghai, China

Client/Architect

Kohn Pedersen Fox Associates PC

Architect of Record

Eastern China Architectural Design Institute

Completion Date

2010

Construction Cost

\$214 million

Total Area

214,000 m² (2.3 million sf)



Thornton Tomasetti is providing structural engineering for the Shanghai Taipingqiao Lot 126 and 127. The development comprises two 132.95-meter tall, LEED-certified office buildings and a retail podium, in addition to featuring a green roof, a 160-foot-long-span pedestrian bridge, a roof skylight and curtain wall support for a three-story unbraced main entrance.

The structure has a 28-story concrete shear wall core and perimeter moment frames that resist wind and seismic loadings. The foundation system consists of mat on pile foundation and concrete basement levels with slurry wall construction.