



Original bell from "Queen Elizabeth"



C. Y. Tung Maritime Museum

Jiaotong University, Shanghai

A 13,000 sq.ft. renovation of a 1909 heritage building at Jiaotong University in Shanghai, this conversion has transformed a former student dormitory into a China maritime history museum including a permanent exhibit to commemorate the shipping magnate C.Y. Tung with manuscripts, photos and personal artifacts.

Rather than a "renovation", its architectural conservation is actually more of a "reconstruction". A new reinforced concrete structure was required to strengthen the deteriorated timber structure and bring the building to current building regulations. The entire roof structure was rebuilt; external facades were restored with matching brick tiles; and timber columns were replaced with concrete, with timber pattern from formwork left visible to recall the original material.

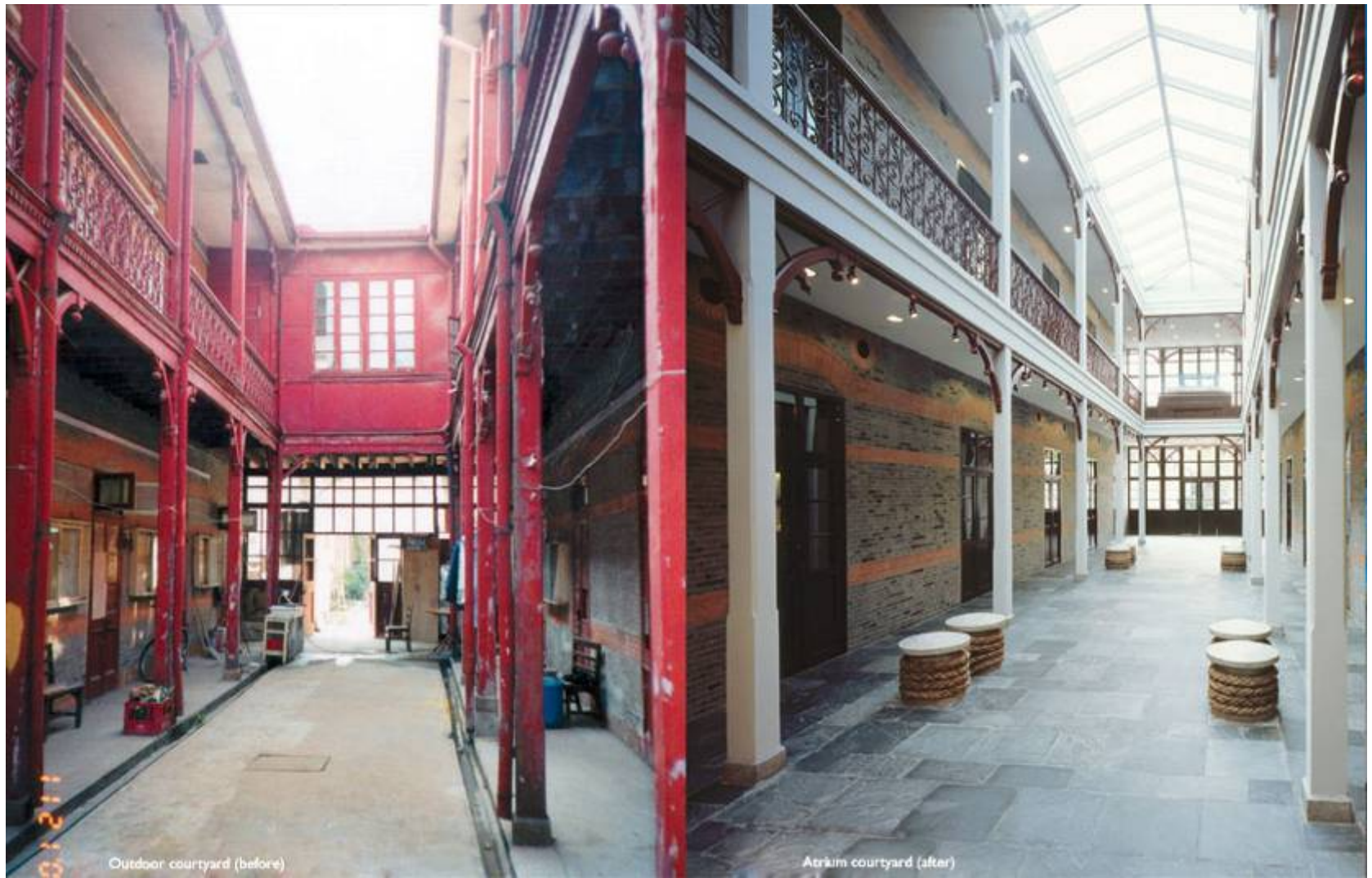
The central courtyard lined with balcony corridors becomes a double-height exhibit atrium with a new skylight, linking all parts of the building. Original doors to the balcony allow natural light from this atrium to permeate through all the galleries.

This project received the HKIA Design Award for Work Outside of Hong Kong in 2004.





Skylighted atrium



Outdoor courtyard (before)

Atrium courtyard (after)



Section perspective

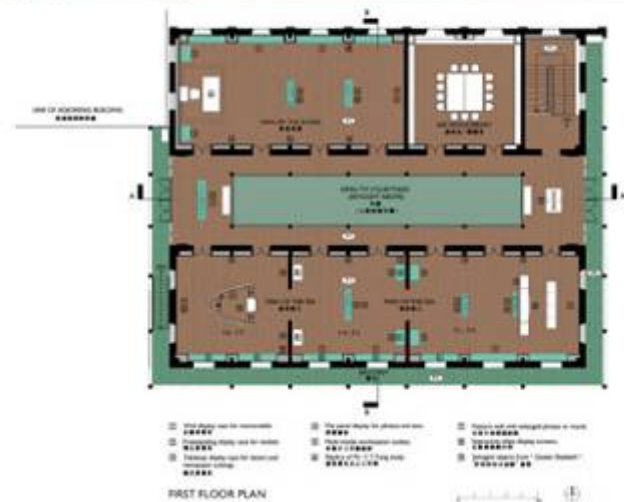




Exhibit gallery