

Xintiandi Lofts Hangzhou

New residential district with loft and apartment buildings in Hangzhou, P.R. China
International competition 2010



Configuration plan

Location	Hangzhou, Zhejiang Province, P.R. China
Client	Hangzhou New Land Group Co., Ltd No. 19 Lane 4 Baoshishanxia Road CN-310007 Hangzhou, P.R. China
Architect	Pysall Ruge Architekten
Project partner	DBH Stadtplanungs GmbH Hangzhou, Prof. Wang Xiaosong
Landscape	José María Cantalapiedra Alonso Valladolid/Hangzhou
Brief	Competition for new residential district with loft and apartment buildings including traffic and landscape planning, design of the loft and apartment buildings
Scope of Services	Analysis, concept, master plan, traffic and landscape planning, design of the buildings including facade studies
Size	Plot: 67.350 sqm, GFA: 197.350 qm
Duration	2010



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The main target of our design is to develop positive energy between both green spaces with the small river in the North and the public park in the South to set up efficient ventilation for the entire new residential district. On this basis the inner green axis at the central heart will be the main landscape connection between North and South. Both outside street scapes are modeled on the European city.

The connection between the rational European thinking and the Chinese feeling of living form the basis of our concept to design a special and unique place in the city of Hangzhou. The vital composition of the eight single urban design elements, the spacial composition of the single building volumes and the sustainable energy concept give this residential district a unique presence and creates an archetype for the developing of old industrial areas.

The composition of different building

heights (33m, 45m and 60m) generate an fascinating and convincingly new skyline. On the southern plot the longitudinal buildings in the three southern lines are 33 m high and the cross buildings are 45 m high. In the northern line the principal turn over, the longitudinal buildings are 45 m high and the cross buildings are 33 m high. On the northern plot the design alternates between the different hights from 45 and to 60 m.

The space between the buildings will be used as energy storage for the lofts and will be handed over to the prospective users of buildings.

The combination of high and flat buildings independent of the longitudinal and cross buildings generates a positive tension, which will be projected into the exterior spaces.

The facades of the buildings on the

southern plot are designed with square cubes which have rounded edges and positioned to create an rippled fascade, with the outer faces of cubes coloured differently. The main facade layer will be covered with aluminium coloured plates in keeping with the industrial history of the site. Coloured L-shaped panels create the buildings' facades on the northern plot. The main facade layer will also be covered with aluminium coloured plates.

Sustainability: During summer the open North-South-axis is designed to prevent heat accumulation and generate a optimal air ventilation along the axis. All units are North-South orientated and naturally ventilated. Units more than 60 sqm are cross ventilated. Supply with cooling and heating energy is centrally organised and will be supported through heat pumps, which use temperature difference in ground to outside air.