

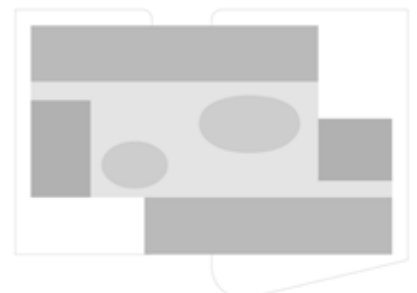
Xintiandi Factory Hangzhou

Renovation and reconstruction of an old factory into a high quality hotel and office building
Hangzhou, P.R. China
2010 – 2020



Exterior perspective and existing

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	Peter Ruge Architekten
Project partner	DBH Stadtplanungs GmbH, Hangzhou
Brief	Renovation and reconstruction of an old cast iron workshop into a multi-functional modern complex for shopping, offices and hotel in order to maximize the preservation of the industrial heritage
Scope of Services	Analysis, concept, design planning, preparation of approval documents, main detail planning, coordination of local engineers, monitoring of approval and execution documents
Size	Plot: 8.100 sqm, GFA: 17.900 sqm
Duration	2010–2015
Completion	2020



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In an adaptive re-use of an old machine factory in Hangzhou, four factory buildings would be renovated to become part of a new urban core for a new urban district.

The site is the historical Hangzhou Machine factory. The building concept aims to create a harmony of the site's inherent industrial character with a modern interior aesthetics.

The old Xintiandi factory will be renovated into a high quality building with a combination of functions, including offices, retail, hotel and multi-purpose area.

The most important aspect of our design proposal is to maintain the existing industrial structure and characteristics as much as possible. In order to accomplish the transition of the interior structure, all the new spaces distributed across the four floors are organized along the exterior elevation, while in the central area a capacious space is retained. The length of the space is equal to the existing factory on the horizontal level. In the elevations it extends throughout all the floors. The beautiful steel roof frame structure will be retained and encased in a new glass roof, which will flood the space with natural light and form a connection between the building's interior and exterior.

The energy of the architecture and its surroundings will flow through the capacious lobby in an undulating way and exert a positive influence on the architecture.

The existing concrete façade and window to the south and north sides will be completely removed. The protruding steel-frame structure extends 1 m beyond the existing skin. The form of the building will conserve the structure of the foundry's old steel funnel. The regular structure of the steel frame echoes the horizontal and vertical grids of the architecture. Consecutively, the protruding parts of the steel-frame structure on all floors highlight the new connection of the existing brick walls.

These steel frame structures create a double curtain wall façade. The outside layer is constructed of fall-protection glass with air seams, and the inside layer is a flexible sliding door with insulation glass. A two-storey tall outer elevation steel-frame structure and an LED multimedia display screen can be viewed from the roads near the south and north elevations. The design of this new façade will not only demonstrate the harmony between modern and historical industrial structures, but also establish a unique architectural language that considers both past and present.



Interior design



Outside – completion of facades



Inside – construction site